ACTION PLAN 2010-11

(APRIL - 2010 TO MARCH - 2011)

TO BE PRESENTED AT ANNUAL ACTION PLAN WORKSHOP OF KVKs OF GUJARAT

ORGANIZED BY
DIRECTOR, ATARI ZONE-VI, ICAR, JODHPUR

PREPARED/COMPILED By

Dr. K. P. Baraiya, Senior Scientist & Head Smt. A. K. Baraiya, Scientist



KRISHI VIGYAN KENDRA

JUNAGADH AGRICULTURAL UNIVERSITY JAMNAGAR - 361 006 GUJARAT



ACTION PLAN

(APRIL - 2010 TO MARCH - 2011)

It is proposed to organize 82 batches of training programmes for farmers, farmwomen, rural youth and extension functionaries during period from April 2010 to September 2010.

1. Training Programmes:

III. On Campus training (For practicing farmers, farm women and rural youth):

Subject	Title of Training	Dura Days	No.of Parti.	Type of Parti.
I. Quarter:	(1st April to 30th June, 2010)		_	
Crop Production	 Weed management in Kharif crops 	1	25	Farmers
Soil science	 Soil fertility management in major kharif crops 	1	25	Farmers
Plant	 Integrated pest/disease in major kharif crops 	1	25	Farmers
Protection	 Bio control of pest/disease management in vegetable crops 	1	25	Farmers
Fisheries	 Integrated fish farming 	1	25	Fishermen
Extension	 Formation and management of SHGs 	1	25	Farmers
Horticulture	 Protective cultivation (Green house, net house) 	1	25	Farmers
Home Science	– Value addition	1	25	Rural Girls
II. Quarter: (1st July to 30th September, 2010)			
Crop	 Package of practices of castor crops 		25	Farmers
production	 Weed management in standing crops 	1	25	Farmers
Soil science	 Nutrient management in Kharif crops 	1	25	Farmers
Plant	 Integrated pest management kharif major 	1	25	Farmers
protection	crops (G'nut, cotton, castor, sesamum) – Bio control of pest and disease	1	25	Farmers
Fishries	– Ornamental fish	1	25	Farmers
Extension	– Leadership development	1	25	Rural youth
Home science	– Women and child care	1	25	Farm Women
Horticulture	Post harvest of horticultural crops	1	25	Farmers
Ag. Engi.	 Importance and maintenance of micro irrigation system 		25	Farmers
III. Quarter (1 st (Oct to 31 st Dec, 2010)			
Crop Prod.	– Crop production technology in rabi crops	1	25	Farmers
Soil science	 INM in major rabi crops (Wheat, Gram, Cumin, coriander etc. 	1	25	Farmers

Plant	 Interated pest management in castor 	1	25	Farmers	
Protection					
Fisheries	 Ornamental fish culture 	1	25	Fish farmers	
Ext.Education	 Entrepreneurial development of farm youth 	1	25	Farm youth	
Horticulture	 Prouction and management of potato 	1	25	Farmers	
Home Science	 Women and child care 	1	25	Rural women	
IV. Quarter (1st)	lan to 31 st March, 2011)				
Crop	 Water management in rabi crops 	1	25	Farmers	
production					
Soil science	 Nutrient management in standing crops 	1	25	Farmers	
Plant	 Bio control of pest and diseases 	1	25	Farmers	
protection					
Fishries	 Integrated fish farming 	1	25	Fish Farmers	
Extension	 Leadership development 	1	25	Rural youth	
Home science	 Health and hygine through nutritive food 	1	25	Rural women	
Horticulture	 Management practices in Ber and Guava 	uava 1 25 Fari		Farmers	
Ag. Engi.	 Post harvest technology and its importance 	1	25	Farmers	

B. Off Campus training (For practicing farmers, farm women and rural youth)

Subject	Title of Training	Dura	No.of	Type of
		Days	parti.	Parti.
I. Quarter:	(1st April to 30th June, 2010)			
Crop	 Tillage and its importance 	1	25	Farmers
Production	 Importance of organic farming 	1	25	Farmers
Soil Science	 Role of micro nutrient 			
Pl. Protection	 Integrated pest and disease management in 	1	25	Farmers
	major crops			
Horticulture	 Production technology vegetable crops 	1	25	Farmers
Animal	 Care and management of Gir cow 	1	25	Farmers
Science				
Fisheries	– Prawn farming	1	25	Fish farmer
Home Science	– Use of solar cooker	1	25	Farm women
Agril. Engg.	 Rain water harvesting and their efficient use 		25	Farmers
	for crop production			
II. Quarter:	(1st July to 30th September, 2010)			
Crop	– Water management in kharif crops		25	Farmers
Production	 Production technology of cotton 	1	25	Farmers
Soil Science	 Soil fertility management in major crops 			

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- Management of diseases in Kharif crops - Group dynamics - Leader ship development - Leader ship development - Care and management of Gir cow - Care and management of Gir cow - Preparation of SHGs - Preparation of jam, jelly and sarbat - Composite fish culture - Production technology of rabi crops i.e. - Pi. Protection - Production technology in vegetables crops - Production technology in vegetables crops - Production technology in vegetables crops - Care and management in Gir cow - Preparation of SHGs - Soil Science - Soil Grain of SHGs - Care and management in Gir cows - Pi. Protection - Care and management in Gir cows - Science - Care and management in Gir cows - Science - Care and management in Gir cows - Care and management in Gir cows - Science - Prawn Farming - Sea weed fertilizer - Prawn Farming - Sea weed fertilizer - Home Science - Recycling of farm waste - Integrated disease management in gram - Integrated disease management in gram - Integrated disease management in cumin - Integrated disease management in cumin - Integrated disease management in gram - Integrated disease management in cumin - Integrated disease management in cu			ı	I	1
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Science Horticulture - Different propagation methods for fruit crops suitable for arid and semi arid region Home Science - Formation of SHGS		 Leader ship development 	1	25	Farmers
Horticulture Different propagation methods for fruit crops suitable for arid and semi arid region Home Science Preparation of SHGS	Animal	 Care and management of Gir cow 	1	25	Farmers
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- Integrated disease management in cumin 1 25 Farmers Extension - Leadership development among rural youth 1 25 Rural youth Animal - Dairy farming 1 25 Farmers Science - Management of young plant in orchard 1 25 Farmers Home Science - Rural craft for income generating activities 1 25 Rural women Fishries - Shrimp culture 1 25 Fish farmers	Soil Science	- Recycling of farm waste	1	25	Farmers
- Integrated disease management in cumin 1 25 Farmers Extension - Leadership development among rural youth 1 25 Rural youth Animal - Dairy farming 1 25 Farmers Science Horticulture - Management of young plant in orchard 1 25 Farmers Home Science - Rural craft for income generating activities 1 25 Rural women Fishries - Shrimp culture 1 25 Fish farmers	Pl. Protection	 Integrated pest management in gram 	1	25	Farmers
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Fishries – Shrimp culture 1 25 Fish farmers					
		<u> </u>			
- Integarated fish farming 1 25 Fish farmers		- Integarated fish farming		25	Fish farmers

C. Vocational Training:

Sr. No.	Title of Training	Dura.Days	No. of parti	Type of Parti.
1.	-Preservation of vegetables and fruits	1	25	Rural Girls
2.	- Preservation of mango pulp	1	25	Farm women
3	 Production of varmi compost 	1	25	Farmers
4.	 Preparation of compost pit 	1	25	Rural Youth
5.	 Recycling of farm waste in to compost 	1	25	Farmers

D. Extension Functionaries:

Sr.	Title of Training	Dura.	No. of	Type of Parti.
No.		Days	parti.	
1.	 Pre-seasonal training on kharif crops 	1	20	Extension workers
2.	 Integrated Disease management in 	1	20	Extension Workers
	Kharif crops			
3.	 Production technology in rabi crops 	1	20	Extension workers

E.Training Programme : Quarter wise Summary :

	On-Campus						Off	-Campu	ıs			
Sr. No.	Subject	I Quate r	II Quate r	III Quat er	IV Quat er	Tota I	I Quat er	II Quate r	III Quat er	IV Quate r	To tal	GT
1	Crop production/S oil Science	2	3	2	2	9	3	3	3	3	12	21
2	Plant Protection	2	2	1	1	6	1	2	2	2	7	13
3	Fishery	1	1	1	1	4	1	1	2	2	6	10
4	Extension Edu.	1	1	1	1	4	0	2	1	1	4	8
5	Horticulture	1	1	1	1	4	1	1	1	1	4	8
6	Home Science	1	1	1	1	4	1	2	1	1	5	9
7	Agri engineering	0	1	0	1	2	1	1	0	0	2	4
	Total	8	10	7	8	33	8	12	10	10	40	73

F. Summary of Training programme:

Sr. No.	Subject	On Campus	Off campus	Grant Total
		Total	Total	
1	Crop production/Soil Science	9	12	21
2	Plant Protection	6	7	13
3	Fishery	4	6	10
4	Extension Education	4	4	8
5	Horticulture	4	4	8
6	Home Science	4	5	9
7	Agri engineering	2	2	4
	Total	33	40	73
1	Vocational Training	5		3
2	Extension Functionries	1	2	3
3	Sponsored Training	0	10	3
	Total	39	52	82

2. Front Line Demonstrations (Proposed)

Sr. No.	Crop	Variety	Title	No. of Demons.	Area (ha)
FLD - P	ulses				
1	Green gram	G-4 1	To test yield potentiality of green gram	10	4.0
2	Chick pea	GG-3 1	o test yield potentiality of gram	15	6.0
Other (Crops				
1	Wheat	GW-366	To test yield potentiality	20	10
2	Cumin	Guj.Cumin-4	To test yield potentiality	10	4
3	Pearl millet	GHB-744	To test yield potentiality of pearl millet	20	8
4	Cotton	INM & IPM	-	25	10
Compo	nent Demonstration	า			
1.	Groundnut	Triechodern a	-Reduce infestation of stem rot	5	2
2.	Groundnut	NPV	- Reduce pest attack	5	2
3.	Vermi composting	-	-	5	5
4.	Farm implement	-	-	5	5
5.	Rotavator	-	-	10	10
6.	Aeroblast sprayer	-	-	15	15
			Total	145	81.00

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3. ON FARM TESTING (OFTs)

OFT-1

Title : Time of thining in pearl millet **Objective:** To increase yield potentiality

Treatments:

- 1. Control (No thining)
- 2. 15 to 20 DAS
- 3. 25 to 30 DAS

OFT-2

Title: Application methods of Trichoderma against stem rot disease in groundnut

Objective: Application method of biological control agent Trichoderma for managing the disease problem in groundnut.

Treatments:

- Mix Trichoderma @ 2.5 kg /ha with 50 kg fine sand or organic manure and soil application in side the groundnut row at 30 days after sowing in moist condition (General Recommendation- Farmers Methods)
- 2. Mixing Trichoderma @ 2.5 kg/ha with castor cake @ 500 kg/ha at the time of sowing with the help of multi purpose seed drill . (Recommended Practice by JAU).
- 3. Trichoderma @ 2.5 kg/ha along with compost or castor cake 50 kg/ha at the time of after Sowing

OFT-3

Title: Management of sucking pests in cotton. **Objective:** To minimize the sucking pest in cotton.

Treatments:

- 1. New insecticide use (Farmers practice)
- 2. Use of new, old and bio control agent (Recommended practice)
- 3. Alternate treatment one and two

OFT-4

Title: Management of Anemia in adolescent girls.

Objective: Improving the hemoglobin percentage in rural adolescent girls

Treatments:

- 1. Control: Existing dietary pattern
- 2. Iron rich nutritional diet (sprouted Bengal gram 50 gm/day per individual in 2 equal doses0 with existing dietary pattern
- 3. Iron rich nutritional diet (sprouted Bengal gram 50 gm/day per individual in 2 equal doses0 + 25 gram of jiggery) with existing dietary pattern

No. of replications: 10 girls

4. Extension Activities:

Sr. No.	Activities	Proposed No.
1	Kisan Mela	1
2	Field Day	15
3	Kisan Ghosthi	8
4	Radio Talk	As and when require
5	TV Show	As and when require
6	Film Show	5
8	Khedut shibir	15
9	Kisan mahila meeting	2
10	New paper Coverage	As and when require
11	Popular Articles	2
12	Extension Literature	12
13	Advisory Service	As and when require
14	Ex-Trainee Sammelan	2
15	Others- Seminar	7
17	Exhibition	2