

II. ACTION PLAN (April-10 to March-11)

On Campus training

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type Of Parti.
I. Quarter : (1st April to 30th June, 2010)					
Crop Production	- Judicious use of weedicides in field crops	1	11/05/10	25	F
	- Production technology of cotton and groundnut	1	01/06/10	25	F
Plant Protection	- IPM in Cotton	1	10/05/10	25	F
Home Sci	- Preparation of banana and potato wafers	1	13/05/10	25	RY
	- Training on making of glycerin soap and hair oil	1	23/06/10	25	RY
	- Make SHG and trained them on income generating activities	1	08/06/10	25	FW
Extension Education	-Effect of global warming and climatic changes in Agriculture	1	12/05/10	25	F
Animal Science	- Increase nutritive value of low quality roughages for milch animals	1	14/05/10	25	F
	- Care and management of Buffalo during summer	1	01/06/10	25	F
Agril. Engg.	- In-situ moisture conservation practices in dry Farming.	1	15/06/10	25	F
Seed Production	- Pure seeds production technique in Sesamum	1	24/06/10	25	F
II. Quarter : (1st July to 30th September, 2010)					
Crop Production	- Castor production technology	1	15/07/10	25	F
Plant Protection	- IPM in Castor	1	17/08/10	25	F
Home science	- Use of solar cooker	1	03/08/10	25	FW
	- Training on income generating activities to SHG groups	1	13/08/10	25	FW
Extension Education	-Effect of global warming and climatic changes in Agriculture	1	10/08/10	25	F
Agril. Engg.	- Rain water management technology	1	05/07/10	25	F
Ani. Science	- Importance and Use of green fodder in milk production	1	21/07/10	25	F

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type Of Parti.
III. Quarter : (1st October to 31st December, 2010)					
Crop Production	- Improved cultivation practices for wheat & cumin	1	22/10/10	25	F
Plant Protection	- Plant protection measures for pest and disease in cumin	1	27/10/10	25	F
Seed Production	- Pure seeds production technique in Cumin & Wheat	1	30/10/10	25	F
Agril. Engg.	- Govt. subsidy in drips, sprinklers and agricultural implements.	1	02/11/10	25	F
Animal Science	- Low cost technology for higher milk production	1	10/11/10	25	F
	- Care & management of Animals during winter	1	21/12/10	25	F
Home Science	- Kitchen gardening	1	24/12/10	25	FW
Extension Education	-Effect of global warming and climatic changes in Agriculture	1	28/12/10	25	F
IV. Quarter : (1st January to 31st March, 2011)					
Crop Production	- Organic residue & farm waste management	1	20/02/11	25	F
Plant Protection	- Importance of IPM	1	10/03/11	25	F
Home Science	- Soybean –its importance in human diet and different preparations for high nutrient efficiency diet	1	09/01/11	25	FW
Agril. Engg.	- Efficient use of harvested water	1	15/01/11	25	RY
Animal Science	- Selection of breed of milch animals for economical milk production	1	07/01/11	25	FW
	- Importance of colostrums in calves	1	18/02/11	25	FW
Extension Education	-Effect of global warming and climatic changes in Agriculture	1	17/03/11	25	F

Off Campus training

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type of Parti.
I. Quarter : (1st April to 30th June, 2010)					
Crop Production	- Soil sampling methods	1	08/04/10	25	F
	- Integrated Nutrient Management in major Kharif field crops	1	10/06/10	25	F
Pl. Protection	- Management of pest and disease of Sesame	1	08/06/10	25	F
	- IPM in Groundnut	1	15/06/10	25	F
Home Science	- Scientific method of food grain storage	1	20/05/10	25	FW
	- Balance diet for pregnant women and children	1	07/06/10	25	FW
	- Training on bag making and Candle making	1	11/06/10	25	RY
	- Importance of pulses in balance diet	1	14/07/10	25	FW
Extension Education	- Government subsidy schemes in agriculture	1	15/05/10	25	F
Animal Science	- Use of mineral mixture for balance feeding	1	19/05/10	25	F
	- Urea treatment in wheat straw	1	09/06/10	25	F
Agri. Engg	- Introduction of effective & improved agricultural equipments	1	25/06/10	25	F
II. Quarter : (1st July to 30th September, 2010)					
Crop Production	- Importance of Thinning, Gap filling & maintenance of Plant population in major Kharif crops	1	02/07/10	25	F
	- Production technology of Mustard & Gram	1	24/09/10	25	F
Pl. Protection	- IPM in Vegetables	1	12/07/10	25	F
	- Control measures for pest and disease of kharif Pulses	1	24/08/10	25	F
Home science	- Tomato preservation	1	30/07/10	25	FW
	- Formation of SHG	1	05/08/10	25	FW
Animal Science	- Health care of livestock during monsoon	1	03/07/10	25	F
	- Preventive measure and first Aid treatment of IMP disease in dairy animals	1	20/08/10	25	F
Agri. Engg.	- Farm implements and their use	1	10/07/10	25	F
	- Introduction and use of Chaff-Cutter.	1	09/08/10	25	F
Seed Production	- Pure seed production technique in Sesamum	1	08/07/10	25	F
	- Pure seed production technique in Sesamum	1	13/07/10	25	F
	- Pure seed production technique in Sesamum	1	28/07/10	25	F

Subject	Title of Training	Dura Days	Probable date	No. of parti	Type of Parti
III. Quarter : (1st October to 31st December, 2010)					
Crop Production	- Integrated weed management in major rabi field crops	1	23/10/10	25	F
	- Efficient water management in major rabi field crops	1	29/10/10	25	F
Plant Protection	- Plant protection measures in Castor & Mustard crops	1	05/11/10	25	F
	- Control measures for pest and disease in Cumin and Wheat	1	11/12/10	25	F
Seed Production	- Pure seeds production technique in Cumin	1	20/11/10	25	RY
	- Pure seeds production technique in Wheat	1	26/11/10	25	RY
Animal Science	- Care and Management of Milch animals	1	07/11/10	25	F
	- Foot and Mouth disease and its control	1	19/11/10	25	F
Home science	- Use of sprouted pulses in preparation of low cost nutrition diet	1	09/11/10	25	FW
	- Preparation and preservation of fruits and vegetables	1	19/12/10	25	FW
Agril. Engg.	- Trouble shooting of micro irrigation system	1	15/12/10	25	RY
IV. Quarter : (1st January to 31st March, 2011)					
Crop Production	- Production technology of summer groundnut	1	05/01/11	25	F
	- Preparation of enriched Compost	1	17/03/11	25	F
Pl. Protection	- Efficient use of chemical pesticides	1	11/01/11	25	F
	- Precautions while handling pesticides	1	10/02/11	25	F
Animal Science	- Importance of Artificial Insemination in animals	1	20/01/11	25	F
	Care and management of calves	1	26/02/11	25	F
Home Science	- Preparation and preservation of milk and milk product	1	19/02/11	25	FW
	Drudgery reducing devices for farmwomen	1	20/03/11	25	FW
Agril. Engg.	Introduction to new developed farm implements and their use	1	04/01/11	25	F
Agri Ext	- Formation of Kishan clubs	1	17/02/11	25	RY
Seed Production	- Pure seeds production technique in Cumin	1	02/01/11	25	RY
	- Pure seeds production technique in Wheat	1	06/01/11	25	RY

Vocational Training

Sr. No.	Discipline	Title of Training	Dura. Days	Type of parti
1.	NRM	Technique for vermi-composting	2	RY
2.	Home science	Preparation of different masala	2	FW
		Rice, urad papad, Khakhara and vadi making	2	FW
3	Animal science	Dairy farming	2	PF
4	Agril. Eng.	Repair & maintenance of sprayer, power sprayer & duster	2	RY

Training for Extension Functionaries (In-service)

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of parti.
1.	Cotton production technology	1	25	Ext Workers
2.	Pre-seasonal training on <i>Kharif</i> crops	1	25	Ext Workers
3.	Pre-seasonal training on <i>Rabi</i> crops	1	25	Ext Workers
4.	Nutrition Education to Anganwadi Worker	1	25	Anganwadi worker

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	1	1	5	2	2	2	2	8	13
2.	Pl. Protection	1	1	1	1	4	2	2	2	2	8	12
3.	Home science	3	2	1	1	7	4	2	2	2	10	17
4.	Agril. Extension	1	1	1	1	4	1	-	-	1	2	06
5.	Animal Science	2	1	2	2	7	2	2	2	2	8	15
6.	Agril. Engineering	1	1	1	1	4	1	2	1	1	5	09
7.	Seed Production	1	-	1	-	2	-	3	2	2	7	09
	Total	11	7	8	7	33	12	13	11	12	48	81

Summary of Training Programme

Sr. No.	Subject	On campus	Off campus	Total
1.	Crop Production	5	8	13
2.	Plant protection	4	8	12
3.	Home science	7	10	17
4.	Agricultural Extension	4	2	06
5.	Animal Science	7	8	15
6.	Agril. Engineering	4	5	09
7.	Seed Production	2	7	09
	Total (A)	33	48	81
8.	- Vocational training	3	2	5
9.	- In service training	2	2	4
10.	- Sponsored	-	2	2
	Total (B)	11	6	11
TOTAL (A+B)		44	54	92
RKVY		00	30	30
GRAND TOTAL		44	84	122

Physical Targets of FLD's to be conducted during 2010-11

Particulars of the FLD	Season	Crop	Area (in ha)	No. of Demo.
Oilseeds	<i>Khariif</i>	Groundnut	4	10
		Sesamum	4	10
	<i>Rabi</i>	Mustard	4	10
Pulses	<i>Khariif</i>	Green gram	4	10
	<i>Rabi</i>	Gram	4	10
Other Crops	<i>Rabi</i>	Cumin	8	20
		Wheat	8	20
		Maize	4	10
Other FLD				
1. Trichoderma culture	<i>Khariif</i>	Groundnut	2.0	05
2. Farm Composting	<i>Khariif</i>	--	--	10
3. Cotton Mini-mission	<i>Khariif</i>	Cotton	10.0	25
4. Deworming of animal	--	Buffalo	--	20
5. Demonstration on Cotton + soyabean intercropping	<i>Khariif</i>	Cotton + Soya bean	1.5	03
TOTAL FLD			53.5	163

Physical Targets of OFT's to be conducted during 2010-11

1. Low yield of cotton.

Objective	To increase the yield by balance fertilization
Reason for low yield of Cotton	<ol style="list-style-type: none"> 1. Unbalance fertilization. 2. Problems of sucking pest. 3. Lack of knowledge of fertilization. 4. Less use of organic manure in soil.
Technical Intervention	Balance fertilization.
Treatments	<ol style="list-style-type: none"> 1. Farmers practice 2. Recommended dose of fertilizer (160-0-0 NPK kg/ha) in four split. 3. T-2 + 50 kg P₂O₅ /ha through DAP + 50 kg K₂O/ha through MOP as a basal dose. 4. T-3 + 25 kg MgSo₄/ha + 10 kg ZnSo₄/ha as a basal dose.

2. Management of Mealy bug infestation in Cotton.

Objective	To minimize the incidence of mealy bug in cotton.
Reason for low yield of Cotton	<ol style="list-style-type: none"> 1. Lack of knowledge about the use of particular pesticides. 2. No adoption of recommended practices. 3. Farmers follows instruction given by the local pesticides retailer.
Technical Intervention	Management of mealy bug in cotton.
Treatments	<ol style="list-style-type: none"> 1. Farmers practice (Use of conventional insecticides after infestation) 2. Recommended practices: pre-sowing application of Methyl parathion 2% Dust, application of insecticides at the time of infestation & Recommended cultural practices. 3. Dusting of Methyl parathion 2% dust as & when required, application of bio-pesticides (Beaveria spp. or Verticillium spp.)

3. Reduction of Inter-Calving Period in Buffalo

Objective	To decrease the inter-calving period in Buffalo
Reason of long inter-calving period	<ol style="list-style-type: none"> 1. Imbalance feeding 2. Anestrus 3. Poor management
Possible solutions	<ol style="list-style-type: none"> 1. Use of mineral mixture 2. Use of capsule like Bio-Heat 3. Use of Panacure tablets
Treatments	<ol style="list-style-type: none"> 1. Farmer's Practice (Control) 2. Panacure (1.5 gm) + Vetcominforte (1 Kg) 3. Bio-heat (1 No.) + Vetcominforte (1 Kg) 4. Panacure (1.5 gm) + Bio-heat (1 No.)

4. Feeding of protein and energy rich diet to children to cure protein energy malnutrition in rural area (Age group – 1 to 3 yrs)

Objective	To cure malnutrition in rural child of age group of 1-3 years
Reason for protein energy deficiency	1. Lack of knowledge. 2. Poor economic condition. 3. Lack of nutritional management.
Possible solutions	1. Use of milk and different milk product. 2. Use of cereal, pulse and fat mixture. 3. Use of sprouted pulses, cereals and fat mixture.
Treatments	1. Control without any extra food (Control) 2. Use a mixture of cereals (30 gm) + pulses (10 gm) + Ghee (5 gm) for second group of children (Age group – 1 to 3 years) 3. Use a mixture of cereals (30 gm) + sprouted pulses (10 gm) + Ghee (5 gm) for first group of children (Age group – 1 to 3 years)

Method Demonstration

Sr No.	Name of demo unit
1	Urea treatment in wheat straw
2	Vermi composting

Other Extension activities

Sr. No.	Activity	Proposed number
1	Kisan mela	01
2	Field day	20
3	Kisan gosthi	10
4	Radio / TV talk	07
5	Film shows	01
6	Exhibition	01
7	News paper coverage	10
8	Popular articles	10
9	Extension literature	
	1. Folder / pamphlets	07
	2 Video film show	12
10	Advisory services	As & when required
11	Animal treatment camp	05
12	Diagnostic services	
	1. Farmers visit to KVK	--
	2. Scientists visit to farmers field	As & when required
13	Kisan Mahila Meeting	01
14	Celebration of important days / Week	02