ACTION PLAN 2007-08

1. On Campus training

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type Of Parti.
I. Quarter :	**(1st October to 31st December, 2007)**				
Crop Production	-Improved cultivation practices for wheat & cumin	1	11/10/07	25	F
	-Efficient water management in major rabi crops	1	15/11/07	25	F
Plant Protection	-IPM in Gram	1	15/10/07	25	F
	-Plant protection measures for pest and disease in cumin	1	20/11/07	25	F
Horticulture	-Improved cultivation practices for vegetable including onion and garlic	1	12/11/07	25	F
	-Production technology of arid fruits	1	23/11/07	25	F
Agril. Engg.	-Govt. subsidy in drips, sprinklers and agricultural implements.	1	5/10/07	25	F
Animal Science	-Selection tip while purchasing milch animals	1	07/11/07	25	F
	-Foot and mouth disease and its control	1	06/12/07	25	F
Home Science	-Method for dehydration of different vegetables.	1	24/10/07	25	FW
	-Preparation and preservation of fruits and Vegetables	1	18/12/07	25	FW
Seed Production	-Pure seeds production technique in wheat & cumin	1	4/10/07	25	F
II. Quarter : (1st January to 31st March, 2008)					
Crop Production	-Production technology of Summer G'nut	1	17/01/08	25	F
Plant Protection	-Importance of IPM	1	10/03/08	25	F
Home Science	-Preparation of different handwork stitch	1	10/01/08	25	FW
Agril. Engg.	-Efficient use of harvested water	1	20/01/08	25	RY
Animal Science	-Care and management of milch animals	1	09/01/08	25	FW
	-Importance of colostrums in calves	1	07/02/08	25	FW
III. Quarter : (1st April to 30th June, 2008)					
Crop Production	-Organic residue & Farm waste management	1	03/04/08	25	F
	-Importance of preparing cropping scheme	1	23/05/08	25	F
Plant Protection	-IPM in Cotton	1	10/05/08	25	F
	Pest management in Sesamum	1	25/06/08	25	F
Home Sci	-Use of sprouted pulses in preparation of low cost nutrition	1	22/04/08	25	FW
Animal Science	-Urea treatment in wheat straw	1	04/04/08	25	RY
	-Haemorrhagic septicemia and its control	1	12/05/08	25	F

Agril. Engg.	-In-situ moisture conservation practices in dry Farming.	1	05/04/08	25	F
Seed Production	-Pure seeds production technique in sesame	1	26/06/08	25	F
IV. Quarter : (1st July to 30th September, 2008)					
Plant Protection	-IPM in Castor	1	17/08/08	25	F
Crop Production	-Role of Intercropping in rainfed area -Castor production technology	1 1	04/07/08 03/08/08	25 25	F F
Agril. Engg.	-Rain water management technology	1	5/07/08	25	F
Home science	-Causes of Anemia in different age group of women and preparation of recipe which increase iron level of blood	1	14/08/08	25	FW
Ani. Science	Importance of green fodder in milk production	1	10/07/08	25	F

2. Off Campus training

Subject	Title of Training	Dura Days	Probable date	No. of parti.	Type of Parti.
I. Quarter :	**(1st October to 31st December, 2007)**				
Crop Production	-Production technology of Cumin & Fennel -Integrated weed management in major rabi field crops	1 1	24/10/07 03/12/07	25 25	F F
Plant Protection	-Plant protection measures in Castor & Mustard crops -Control measures for pest and disease in Cumin and Wheat	1 1	27/10/07 12/12/07	25 25	F F
Horticulture	-Importance of floriculture	1	20/11/07	25	F
Animal Science	-Importance of mineral mixture in animal feeding -Foot and Mouth disease and its control	1 1	25/10/07 27/11/07	25 25	FW F
Home science	-Preparation and preservation of vegetable pickles. -Nutrition management in mother and Child -Preparation and preservation of lemon	1 1 1	16/10/07 08/11/07 11/12/07	25 25 25	FW FW FW
Seed Production	--Pure seeds production technique in cumin	1	15/11/07	25	F
Agril. Engg.	-Trouble shooting of micro irrigation system	1	15/10/07	25	F
II. Quarter :	**(1st January to 31st March, 2008)**				
Crop Production	-Technique for Vermi composting -Preparation of enriched Compost	1 1	20/02/08 05/03/08	25 25	F F
Pl. Protection	-Efficient use of chemical pesticides -Precautions while handling pesticides	1 1	11/01/08 10/02/08	25 25	F F
Horticulture	-Production technology of major arid fruit crops	1	21/01/08	25	F

Animal Science	-Importance of heat detection and Artificial Insemination	1	21/02/08	25	RY
	-First Aid treatment of important animal disease	1	18/03/08	25	F
Home Science	-Nutrition for preschool children.	1	19/02/08	25	FW
	-Improved nutrition through fortification of food items	1	21/03/08	25	FW
Agril. Engg.	-Introduction to new developed farm implements and their use	1	05/01/08	25	F
	-Selection and maintenance of pump sets	1	26/02/08	25	F
Agro-Forestry	-Significance of Medicinal and aromatic plants	1	05/03/08	25	F
Agriculture Extension	-Awareness about extension activity if KVK	1	14/2/08	25	F
	-Formation of Kishan clubs		20/3/08	25	F
III. Quarter :	**(1st April to 30th June, 2008)**				
Crop Production	-Soil sampling methods	1	26/04/08	25	F
	-Production technology of Cotton	1	09/05/08	25	F
	-Integrated Nutrient Management in major Kharif field crops	1	13/06/08	25	F
Pl. Protection	-Methods of seed treatments for pest and disease management	1	25/05/08	25	F
	-Management of pest and disease of Sesamum	1	15/06/08	25	F
	-IPM in Groundnut	1	18/06/08	25	F
	-Management of store grain pest	1	22/06/08	25	F
Animal Science	-Unconventional animal feeds during scarcity	1	15/04/08	25	F
	-Care and management of Buffalo during summer	1	15/05/08	25	FW
Agril. Engg	-Introduction of effective & improved agricultural equipments	1	26/06/08	25	F
Home Science	-Preparation of Self Help ness Group	1	24/04/08	25	RY
	-Nutrition deficiency in women and their Control	1	21/05/08	25	FW
	-Vaccination in mothers and children	1	08/06/08	25	FW
Agro forestry	-Jetropha in waste land plantation	1	24/05/08	25	F
Agriculture Extension	-Government subsidy schemes in agriculture	1	15/5/08	25	F
IV. Quarter :	**(1st July to 30th September, 2008)**				
Crop Production	-Importance of Thinning, Gap filling & maintenance of Plant population in major Kharif crops	1	26/07/08	25	F
	-Production technology of Mustard & Gram	1	05/09/08	25	F
Pl. Protection	-IPM in Vegetables	1	12/07/08	25	F
	-Control measures for pest and disease of kharif Pulses	1	20/08/08	25	F
Agril. Engg.	-Farm implements and their use	1	08/07/08	25	F
	-Selection & maintenance of pump sets	1	08/08/08	25	F
	-Introduction and use of Chaff-Cutter.	1	10/09/08	25	F

Seed production	-Pure seeds production technique in sesame	1	05/09/08	25	F
Animal Science	-Vaccination and de-worming in animals	1	06/07/08	25	F
Home science	-Preparation of decorative items from waste material	1	30/07/08	25	RY
	-Food grain storage techniques	1	05/08/08	25	FW

3. Vocational Training:

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

4. In service Training:

	Title of Training	Dura. Days	No. of parti.	Type of parti.
1.	Cotton production technology	2	25	EW
2.	Pre-seasonal training on *Kharif* crops	2	25	EW
3	Pre-seasonal training on *Rabi* crops	2	25	EW
4.	Extensions methods	2	25	EW

5. 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	2	2	**7**	2	2	3	2	**9**	**16**
2.	Horticulture	2	-	-	-	**2**	1	1	-	-	**2**	**4**
3.	Pl. Protection	2	1	2	1	**6**	2	2	4	2	**10**	**16**
4.	Home science	2	1	1	1	**5**	3	2	3	2	**10**	**15**
5.	Agril. Engineering	1	1	1	1	**4**	1	2	1	3	**7**	**11**
6.	Animal Science	2	2	2	1	**7**	2	2	2	1	**7**	**14**
7.	Seed production	1	-	-	1	**2**	1	-		1	**2**	**4**
8.	Agro forestry	-	-	-	-	**-**	-	1	1	-	**2**	**2**
9.	Agricultural Extension	-	-	-	-	**-**	-	2	1	-	**3**	**3**
	Total	**12**	**6**	**8**	**7**	**33**	**12**	**14**	**15**	**11**	**52**	**85**

T = Total, G.T.=Grand Total, * I, II, III, IV = Quarter F=Farmers, FW=Farm women, RY=Rural Youth

6. Summary of Training Programme:

Sr. No.	Subject	On campus	Off campus	Total
1.	Crop Production	7	9	**16**
2.	Horticulture	2	2	**4**
3.	Plant protection	6	10	**16**
4.	Home science	5	10	**15**
5.	Agril. Engineering	4	7	**11**
6.	Animal Science	7	7	**14**
7.	Seed Production	2	2	**4**
8.	Agro forestry	--	2	**2**
9.	Agricultural Extension	**--**	3	**3**
	Total (A)	**33**	**52**	**85**
10.	- Vocational training	2	**--**	**2**
11.	- In service training	4	**--**	**3**
12.	- Sponsored / in-service	2	**--**	**2**
	Total (B)	**8**	**--**	**8**
	TOTAL (A+B)	**41**	**52**	**93**

7. Physical Targets of FLD's to be conducted during 2007-08

Particulars of the FLD	Season	Crop	Area (in ha)	No. of Demo.
Oilseeds	*Kharif*	Groundnut	5.0	10
		Sesame	5.0	10
	Rabi	Mustard	5.0	10
Pulses	*Kharif*	Mung	5.0	10
		Mothbean	5.0	10
	Rabi	Gram	5.0	10
Other Crops	*Kharif*	Cotton	5.0	10
	Rabi	Cumin	5.0	10
		Wheat	5.0	10
Other FLD				
1. Trichoderma culture	-	-	2.0	04
2. Composting	-	-	-	10
3. Vermi compost	-	-	-	10

8. Physical Targets of OFT's to be conducted during 2007-08

(1) Application of *Trichoderma* against stem rot disease in G'nut.

Objective	**Management of stem rot in groundnut**
Reason for low yield of groundnut	1. Reduction in plant population/unit area due to disease at initial stage. 2. Pods detached from the plant and remains in the soil. 3. Disease problems. 4. Lack of knowledge for use of recommended control measures.
Technical Intervention	1. Management of stem rot through application of *Trichoderma* in Groundnut.
Treatments	1. Farmers practice (Control) 2. Mixing *Trichoderma* @ 2.5 kg/ha with castor cake @ 500 kg/ha at the time of sowing. 3. Soil drenching of *Trichoderma* @ 50 gm/10 litter of water using spray pump without nozzle.

(2) Effect of supplementary irrigation on yield of Sesame.

Objective	**: Increase yield of sesame through supplementary irrigation.**
Reason for low yield of Sesame	1. Sesame is very sensitive to heavy or scare rains resulting instability in its productivity. 2. Rainfed condition. 3. Limited irrigation facilities. 4. Rainfall is generally insufficient and erratic in nature.
Technical Intervention	1. Apply life saving irrigation, (at 50 % flowering or at capsule Development stage) for maximize sesame yield and net returns.
Treatments	1. Farmers practice (Control) 2. Irrigation at 50 % flowering stage. } **life saving or** 3. Irrigation at capsule development stage. 4. Two irrigation 50 % flowering & capsule deve. stage.

(3) Management of sucking pests in cotton.

Objective	**1. To minimize the sucking pests in cotton**
Reason for low yield of Cotton	1. Lack of knowledge about the use of particular pesticide. 2. Improper irrigation. 3. Unbalanced fertilization. 4. Farmers spray insecticides as per instructions given by local pesticide retailer. 5. Poor weed management
Technical Intervention	1. Management of sucking pests in cotton
Treatments	1. Farmers practice (Use of new insecticides with higher doses) 2. Use of old insecticides at recommended dose. 3. Alternate treatment one & two with recommended doses. ***New Insecticides :*** ***Old Insecticides :*** 1. Thiomethoxam 1. Dimethoate

	2. Imidacloprid 3. Acetamaprid	2. Methyl-o-demetone

9 Other Extension activities:

Sr. No.	Activity	Proposed number
1	Kisan mela	**01**
2	Field day	**15**
3	Kisan gosthi	**15**
4	Radio / TV talk	**02**
5	TV shows	**--**
6	Film shows	**03**
7	Exhibition	**01**
8	News paper coverage	**20**
9	Popular articles	**05**
10	Extension literature	
	1. Folder / pamphlets	**20**
	2. Slides	**--**
	3. Video film show	**05**
11	Advisory services	**12**
12	Animal treatment camp	**12**
13	Diagnostic services	
	1. Farmers visit to KVK	**--**
	2. Scientists visit to farmers field	As & when required