

Action Plan 2009 – 2010

**Saraswathi Krishi Vigyan Kendra,
Pulutheri Village, R.T Malai (PO)
Kulithalai (TK), Karur District - 621 313**

ACTION PLAN 2009-10

GENERAL INFORMATION ABOUT THE KRISHI VIGYAN KENDRA

1. Name and address of KVK with Phone, Fax and e-mail : Saraswathi Krishi Vigyan Kendra,
Pulutheri Village, R.T Malai (PO)
Kulithalai (TK), Karur District - 621 313
Phone : 04323 291666
Mobile : 09790020666
Fax : 04323 290040
E.mail : skvkk@yahoo.co.in
Website : www.skvkk.org

2. Name and address of host organization with Phone, Fax and e-mail : Saraswathi Foundation for Rural Development and Training,
12/5, Sandilya apartments,
Jagadambal colony , IInd Street,
Rayapettah, Chennai-14
Phone : 0431 2763989
Fax : 0431 2768283
E.mail : balajifarms.organic@gmail.com

3. Name of the Programme Coordinator
Residence Phone Number/
Mobile No. : Dr. Vallal Kannan. S
Mobile : 094421 90234
Residence : 09442130628

4. Year of sanction : 13th April, 2005 (F. No. 18-5/96-AE-I)

5. Year of start of activities : 2005

6. Major farming systems/enterprises : Agricultural based farming system
- Rice (August – December) – groundnut / sunflower / cotton / pulses / gingelly (December – April)
 - Vegetables (June – September) – rice (October – January)
 - Sugarcane (March – January) – ratoon sugarcane (February – December) – rice (January – April)
 - Banana (June – March) – ratoon banana (April – January) – rice (January – April) – 2 years rotation
 - Groundnut + Red gram (July – February)
 - Sorghum / pearl millet + Red gram (July – February)
7. Name of agro-climatic zone : Sub Zone III : Western Zone
Sub Zone IV : Cauvery Delta Zone
Sub Zone V : Southern Zone
8. Soil type : Irugur and Tulukkanur
Red and Black Soil.
9. Annual rainfall (mm) : 746.8
- Cold weather period (Jan-Feb) : 24.7 mm
Summer (Mar- May) : 107 mm
South West Monsoon (June-sep) : 249.7 mm
North East Monsoon (Oct-Dec) : 365.4 mm

10. Staff Strength as on 01-03-2009 :

	Programme Coordinator	Subject Matter Specialists	Programme Assistant	Administrative Staff	Auxiliary Staff	Supporting Staff	Total
Sanctioned	1	6	3	2	2	2	16
Filled	1	4	1	2	2	2	12

11. Details of staff as on 01-03-2009 :

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Pay scale	Date of joining	Permanent/Temporary
1.	Programme Coordinator	Dr. Vallal Kannan. S	Agronomy	12000-18300(13125-18300)	22.08.05	Permanent
2.	Subject Matter Specialist	D.Karpagam	Agri. Extension	8000-13500 (8275-13500)	25.07.07	Permanent
3.	Subject Matter Specialist	R. Anitha	Home Science	8000-13500 (8275-13500)	18.01.07	Permanent
4.	Subject Matter Specialist	D. Kumaran	Plant protection	8000-13500 (8275-13500)	29.01.07	Permanent
5	Subject Matter Specialist	Dr.S.Sampath Kumar	Animal Science	8000-13500 (8275-13500)	01.08.05	Permanent
6	Subject Matter Specialist	Vacant	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-
8	Programme Assistant	P. Anantha Priya		5500-9000 (5675-9000)	17.01.07	Permanent
9	Computer Programmer	Vacant	-	-	-	-
10	Farm Manager	Vacant	-	-	-	-
11	Accountant/Superintendent	V.Bhoopathi	-	5500-9000 (5850-9000)	01.09.06	Permanent
12	Stenographer	S. Latha	-	4000-6000 (4100-6000)	01.08.05	Permanent
13	Driver	N. Santhosh Kumar	-	3050-4590 (3125-4590)	03.09.07	Permanent
14	Driver	C. Murugesan.	-	3050-4590 (3275-4590)	01.08.05	Permanent
15	Supporting staff	R.Vani	-	2550-3500 (2605-3500)	02.05.07	Permanent
16	Supporting staff	R.Pitchaimani,	-	2550-3500 (2550-3500)	09.03.09	Permanent

12. Plan of Human Resource Development of KVK personnel during 2009-10

S. No	Discipline	Area of training required	Institution where training is offered	Approximate duration (days)	Training fee (Rs.)
1	Agronomy	Improving managerial skills for extension and developmental personal	IARI, New Delhi	15	
2	Agronomy	Senior programme on E-learning	NAARM, Hyderabad	6	
3	Agronomy	Agro technology for maximizing sugarcane production	IISR, Lucknow	30	
4	Agronomy	Sustainable production technology for arid legumes	CAZRI, Jodhpur	10	US \$800
5	Agricultural Extension	Capacity building for rural management	IARI, New Delhi	21	
6	Agricultural Extension	Rural Entrepreneurship Development	IARI, New Delhi	15	
7	Agricultural Extension	Computer based multimedia presentation	NAARM, Hyderabad	21	
8	Plant protection	Pest and disease management in paddy	DRR, Hyderabad	10	
9	Plant protection	Pest and disease management in sugarcane	SBI, Coimbatore	10	
10	Animal Science	A. I. in poultry	CPBF, Hassargatta	5	
11	Home Science	Post Harvest Technology in fruits and vegetables	CIPHET, Luthiana	15	
12	Horticulture	Advance technology in flower crop production	IIHR, Bangalore	15	
13	Horticulture	Water management technology in horticultural crops	WTC, TNAU, Coimbatore	15	
14	Programme Assistant (Technical)	Production technology of sunflower, castor, safflower based cropping system	DOR, Hyderabad	21	US \$1500
15	Programme Assistant (Technical)	Rice based cropping systems	DRR, Hyderabad	21	US \$1250
16	Programme Assistant (Computer)	Computer based multimedia presentation	NAARM, Hyderabad	21	

13. Infrastructure:

i) Land

Total Area (ha)	Area Cultivated (ha)	Area occupied by buildings and roads (ha)	Area with demonstration units (ha)
21.51.68	18 (Survey no : 22,23,34,35,36,37,57)	3.6 (Survey no:23,33)	160(80m ² x 2) (Survey No:32,33.)

ii) Buildings

Admn. Building			Trainees Hostel			Staff Quarters			Demonstration Unit		
Plinth area (m ²)	Cost (Rs. in lakhs)	Year	Plinth area (m ²)	Cost (Rs. in lakhs)	Year	Plinth area (m ²)	Cost (Rs. in lakhs)	Year	No.	Plinth area (m ²)	Cost (Rs. in lakhs)
550	39.25	2006 - 2007	305	23.52	2006-2007	400	30.39	2006 - 2007	Dairy unit, Plant Propagation	80 80	7.09

iii) Vehicles

Type of vehicle	Model	Actual cost (Rs.)	Total kms. Run	Present status
Bolero	2005	5,00,000.00	95933	Good
Honda Activa	2005	40,000.00	18963	Good
Hero Honda (super Splendor)	2009	50,000.00	00900	Good

iv) Equipments and AV aids

Sl. No.	Name of Equipments	Date of purchase	Cost (Rs.)	Present status
1.	Calculator	2005	725.00	Good
2.	Tractor	2005	500000.00	Good
3.	Photocopier	2006	75000.00	Good
4.	Computer accessories including LCD	2006	100000.00	Good
5.	Camera	2006	20000.00	Good
6.	Fax	2009	15000.00	Good

14. Details of SAC meeting conducted during 2008-09

Sl. No.	Date	Major recommendations of SACs which are to be implemented during 2009-10
1	10.02.09	Organize exposure visit on precision farming&GAP farm
		Additional transport facilities for KVK for the benefit of farmers
		Marketing support for vermi compost through Agricultural Technology Information Centre (ATIC), TNAU,Coimbatore
		Financial institution linkage for SHGs on vermicompost.
		More number of exposure visits on organic farming
		Utilization of Dynamic Market Information (DMI)
		Establishment of model unit on Telicheri goat rearing, Fodder bank, low cost (Rs. 28, 000) double purpose cutter (Fodder cutting + grinding), Integrated Farming System (IFS)
		Coordination and collaboration with other KVKs
		Organization of Seminar on inland fish farming
		More number of extension activities on animal science may be organized in collaboration with department of Animal Science
		Organize Farmers' Science Congress in collaboration with other Krishi Vigyan Kendras
		Preparation of Action plan for utilization of e-connectivity

15. Plan of Work for 2009-10

TABLE 1: OPERATIONAL AREA DETAILS FOR 2009-10

Sl. No.	Taluk	Blocks/groups o.l.f villages	Major crops & enterprises being practiced	Major problems identified	Identified thrust areas
1	Kullithalai	<u>Kullithalai</u> Poiyamani, Parali, Karunagalapalli Natchalur Inungur Nallur Kalingapatti Valayapatti Panickampatti	Paddy	Labour and water scarcity Problem soil and poor soil fertility, poor germination and establishment in nursery Micronutrient deficiency, High cost of cultivation and low productivity	Introduction of new high yielding variety, New method of cultivation, INM, mechanization
				Incidence of Stem borer, blast and blight	Introduction of resistant variety and Integrated Pest Management
			Maize	Poor filling of grains, high cost of cultivation and low yield	Introduction of new high yielding variety and INM
			Sugarcane	Labour scarcity, high cost of setts and more wastage of cane	Mechanization
				Drudgeries in sugarcane detashing Early Shoot Borer Incidence	Drudgery reduction. Integrated Pest Management
		Sunflower	Low yield under saline situation and high cost of production	Introduction of new high yielding variety and INM	
			Mealy bug incidence	Integrated Pest Management	
		Groundnut	Drudgeries in stripping of groundnut	Mechanization and drudgery reduction.	
			Decreasing area under groundnut and shifting of oilseeds to sunflower due to labour scarcity and low yield with the existing variety and management	Introduction of new high yielding variety and mechanization	
				<u>Thogaimalai</u> Archampatti Puthur Naganur Kazhugur Pillur Pathiripatti Keelaveliyur RT malai Kallai Vadaseri Kallai Neithalur	

Sl. No.	Taluk	Blocks/groups o.l.f villages	Major crops & enterprises being practiced	Major problems identified	Identified thrust areas
	Kulithalai	Kadavur D.Seethapatti Tharagampatti Palaviduthi Devarmalai	Gingelly	Improper population maintenance and lower yield	Introduction of new high yielding variety and INM
			Coconut	Red Palm Weevil and Rhinoceros beetle incidence and labour scarcity	Integrated Pest Management and mechanization
			Red gram	Lower yield and longer duration	Introduction of new high yielding variety
			Black gram	Low yield and susceptibility to Mosaic	Introduction of new high yielding and mosaic resistant variety
			Green gram	Low yield and susceptibility to Mosaic	Introduction of new high yielding and mosaic resistant variety
			Banana	Labours scarcity and low productivity of inputs and less profitability	Introduction of new method of cultivation
				Incidence of Pseudostem weevil	Integrated Pest Management
				Wastage of pseudo stem and less remunerative price for raw banana	Women empowerment through agri based enterprises.
			Fodder sorghum	Lack of green and dry fodder availability	Introduction of new high yielding variety
			Brinjal	Incidence of Fruit and shoot borer	Integrated Pest Management
			Dairy	Less remunerative price and profitability	Value addition
				Repeat Breeding	Scientific nutritive Management
			Piggery	Swine fever and worm load	Scientific Disease Management
				Parasitism	Scientific Disease Management
			Sheep	Sheep pox	Scientific Disease Management
			Desi Bird	Raniket disease incidence	Scientific Disease Management
			Turkey	Low income	Introduction of new breed
			Fisheries	Improper utilization of farm ponds	Introduction of in land aquaculture

Sl. No.	Taluk	Blocks/groups o.I.f villages	Major crops & enterprises being practiced	Major problems identified	Identified thrust areas
2	Krishnaraya puram	<u>Krishnarayapuram</u> Kossur, Lalapettai, Mahadhanapuram, Shivayam , Panjapatti, Punavasipatti, Thaliyampatti &Thirukampuliyur	Goat	Enterotoxemia	Scientific Disease Management
				Poor body weight	Scientific breeding
				Low productivity and profitability by the existing breed	Scientific breeding
			Japanese quail	Low income	Introduction new breed
			Banana	Incidence of Panama wilt	Integrated Pest Management
			Sunflower	Mealy bug incidence	Integrated Pest Management
			Chilli	Low yield and fruit rot and mosaic incidence	Introduction of new high yielding variety
			Jasmine	Incidence of Budworm	Integrated Pest Management
			Rose	American bollworm incidence	Integrated Pest Management

SUMMARY OF LIST OF THRUST AREAS FOR THE KVK FOR 2009-10

- i) Introduction of high yield variety, New method of cultivation and mechanization
- ii) Organic farming& Problem soil management
- iii) Integrated Nutrient Management, Integrated Pest Management
- iv) Breed improvement
- v) Scientific nutritive and disease Management
- vi) Drudgery reduction and Women empowerment
- vii) Post Harvest Technology & Value addition

TABLE.2 Abstract of Interventions Proposed Based On the Identified Problems during 2009-10

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
1	Paddy	Labour and water scarcity	-	Paddy direct sowing by using seed drum	Direct sowing of paddy by using drum seeder	-	Supply of seeds and seed drum, CD on direct sowing methods and their benefits, Method demonstration on seed treatment and sowing, Field day
		Problem soil and poor soil fertility	Assessment of suitable variety/hybrid under saline situations to improve the productivity	-	Problem soil management, Low cost production technologies in paddy	Problem soil management through organic farming	Method demonstration on salinity management, Field day
		Poor germination and establishment of seedling under mat nursery	-	-	Mat nursery management practices	-	Demonstration on different nursery preparation. Field day
		Micronutrient deficiency	-	-	Management of micronutrient	IPM in rice	Farmers convention for deficiency identification and their management

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
1	Paddy	Yellow Stem Borer incidence in Paddy	-	IPM for Yellow Stem Borer in Paddy.	Management of Yellow Stem Borer in Paddy. Management of Blast in Paddy	Role of Bio Control Agents on Pest and Disease Management	Folder - Disease Management in paddy
		Blast incidence					
		Incidence of insects in storage of grains.	-	-	Scientific storage technology.	Eco friendly pest management tools	Booklet: Post harvest management techniques
2	Maize	Poor filling of grains, occurrence of stem borer and downy mildew and low yield	-	Introduction of resistant hybrids and micro nutrient management for higher productivity in maize	Micro nutrient management in maize. Production technologies for hybrid maize	Micro nutrient management in agricultural crops	Supply of hybrid seeds and micro nutrient, Demonstration on sowing methods for population maintenance, Demonstration on micro nutrient application, Leaf let on maize production technology and field day
3	Ragi Maize Jowar	Poor health, Less income and profit in millets	-	-	Nutritional importance and value addition on minor millets	-	Booklet: Nutritional importance and value addition on minor millets
4	Sugarcane	Labour scarcity, high cost of setts and more waste of cane	-	Introduction of sugarcane sett cutter	Importance of mechanization for higher profitability	-	Demonstration on usage of single set cutter, method demonstration on preparation of nursery and planting method, field day

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
4	Sugar cane	Early Shoot Borer Incidence	-	-	Management of Early Shoot Borer in Sugarcane	Recent methods for pest management in sugarcane	Method demonstration on sowing of daincha as inter crop, placement of egg cards. Book let on pest management in Sugarcane
		Drudgeries in trashing Labor scarcity	-	Introduction of sugarcane stripper to reduce drudgery in detrashing.	Importance of stripper to reduce the drudgery	-	Demonstration on usage of stripper, field day, leaflet on use of sugarcane stripper
5	Ground nut	Decreasing area under groundnut and shifting of oilseeds to sunflower due to labour scarcity and low yield with the existing variety and management, weed infestation and pest and disease incidence	-	Introduction of HYV(Kadiri-6 &TMV(Gn)-13 with component technology	Selection and adoption of high yielding variety. Low cost technology for higher Productivity.	-	Group discussion, Demonstration on seed treatment and population maintenance. Micronutrient application. Field day, Kisan ghosthi
			-	Introduction of polythene film mulch for water and weed management	Use of polythene film mulch for higher productivity	Tools and machinery for agriculture	Demonstration on use of polythene film mulch , field day, Exposure visit
			-	-	-	Integrated Weed management in agricultural crops	Booklet on Integrated Weed Management in agricultural crops

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
5	Ground nut	Decreasing area under groundnut and shifting of oilseeds to sunflower due to labour scarcity and low yield with the existing variety and management, weed infestation and pest and disease incidence	-	Introduction of Impact type groundnut stripper	Methods of groundnut stripping	-	Demonstration on use groundnut stripper, field day. CD on advanced groundnut production technologies for higher profitability
			-	Introduction of setting type groundnut decorticator	Methods of groundnut decortication	-	Demonstration on use groundnut decorticator, field day, CD on advanced groundnut production technologies for higher profitability
			-	-	-	Management of pest and disease incidence in oil seeds	CD on advanced groundnut production technologies for higher profitability
			-	Introduction of power operated groundnut harvester	Harvesting methods of groundnut	-	Demonstration on use groundnut harvester, field day, CD on advanced groundnut production technologies for higher profitability
6	Sunflower	Low yield, micro nutrient deficiency and salinity	-	Introduction of DRSF-108 with component technology Introduction of DRSH-1 with component technology	Technology for population maintenance, Management practices for higher filling and oil content	Integrated Pest Management in sunflower	Group meeting, farmers scientist interaction for identification of deficiency and management approaches, field day. Demonstration on micro nutrient management

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
6	Sunflower	Low yield, micro nutrient deficiency and salinity	-	-	Management practices for drought and saline situation, IPM	-	Compendium on oil seed production technologies Demonstration on Seed hardening/ treatment against stress and disease
		Mealy bug incidence	Management of Mealy bug in Sunflower	-	Management practices for mealy bug in sunflower	IPM in oil seeds	Method demonstration, field day
7	Gingelly	Improper population maintenance and lower yield, weed infestation	-	Introduction of VRI (SV)-1 with component technology Introduction of VRI (SV)-2 with component technology	Importance and methods of population maintenance. Importance of micro nutrient management. Methods of weed management in gingelly	Low cost and no cost technologies for oil seed production	Demonstration on sowing, thinning and population maintenance, Field day, Demonstration on seed treatment and micro nutrient management
8	Coconut	Incidence of Red Palm Weevil and Rhinoceros beetle	-	-	Management of Red palm Weevil and Rhinoceros beetle in Coconut	-	Folder - Management of Red palm Weevil and Rhinoceros beetle in Coconut

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
8	Coconut	Labour scarcity	-	Introduction of coconut tree climber	Coconut tree climber and its usage	-	Demonstration on Method of using coconut tree climber, . field day, leaf let on coconut tree climber and its features
9	Black gram	Low yield and susceptibility to Mosaic, incidence of pod borer	-	Introduction of high yielding mosaic resistant variety in Black gram VBN (Bg) -4 under garden land situation with component technology	Importance and selection of resistant variety and their production technologies Low cost and no cost technology for higher productivity, IPM for Pod borer in black gram	-	Demonstration on Method of sowing under rice fallow situation. Demonstration on Management of fertilizer requirement through foliar, field day, Booklet on advance pulse production technologies
			-	Introduction of new high yielding variety (ADT-5) under rice fallow situation with component technology	Low cost and no cost technology for higher profitability	-	Demonstration on Method of sowing under rice fallow situation. Demonstration on Management of fertilizer requirement through foliar, Field day, Kisan ghosthi.
10	Green gram	Low yield and susceptibility to Mosaic	-	Introduction of high yielding mosaic resistant variety Co (Gg) - 7 under garden land situation with component technology	Low cost and no cost technology for higher profitability	IPM in pulses	Group meeting, method demonstration on foliar nutrient management. Demonstration on micro nutrient management, Field day.

S. No.	Crop/Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
10	Green gram	Low yield and susceptibility to Mosaic	-	Introduction of new high yielding variety (ADT-3) under rice fallow situation with component technology	Low cost and no cost technology for higher profitability	-	Demonstration on Method of sowing under rice fallow situation. Demonstration on Management of fertilizer requirement through foliar
11	Red gram	Poor yield and longer duration	-	Introduction of high yielding variety for both rain fed and irrigated situation in Red gram VBN-3 with component technology	Role and importance of selection of varieties and their approaches for better population maintenance	Low cost and no cost technologies for pulses production	Demonstration on seed hardening and population maintenance. Field day
12	Banana	Low profitability	Assessment of suitable method of planting in banana for higher profitability	-	Different methods of planting and fertility management	Mechanization in horticulture	Supply of suckers, Demonstration on planting methods, Leaf let on different planting methods and their benefits, Demonstration on sucker treatment, Demonstration on bunch cover, result demonstration on yield performance, Exposure tour
		Pseudo stem Weevil incidence	Management of pseudo stem Weevil in banana	-	Management of pseudo stem Weevil in banana	Advanced techniques for the management of pest and diseases in banana	Group meeting, Scientist-farmer interaction, Field day

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
12	Banana	Low price and less profit	Assessment of Marketing approach for higher profit	-	Importance of information collection on market status and ways	-	Group discussion
		Incidence of Panama wilt	Management Panama wilt in Banana	-	Approaches for management Panama wilt in Banana	-	Farmers-scientist interaction, field day, Folder - Management Panama wilt in Banana
		Wastage of pseudo stem and less remunerative price for raw banana	-	-	Banana fiber extraction and Value addition of banana	-	Method demonstration, exposure visit, book let on value addition in banana
		Less quality fibre and less marketability	Approaches for drudgery reduction and quality improvement of banana fibre	-	Methods of banana fibre extraction	-	Method demonstration, book let on banana fibre extraction
13	Fodder sorghum	Lack of green and dry fodder availability	Assessment of suitable fodder for higher productivity	-	Importance of selection of suitable variety under saline and moisture stress situation	-	Demonstration on seed hardening and sowing methods, Supply of fodder seeds and seed hardening chemicals, Leaf let on technologies for fodder production, Demonstration on assessment of quality

S. No.	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
14	Brinjal	Incidence of Fruit and shoot borer	-	Management of Fruit and shoot borer in brinjal	Importance of selection of resistant variety and production technologies	-	Demonstration on selection of trap crop, formulation of pesticide, use of bio pesticides Group meeting, Field day
15	Chilli	Low yield and fruit rot and mosaic incidence	-	Introduction of high yield and disease variety (KKM (ch)-1)	Cultivation techniques of chilli	IPM on agricultural and horticultural crops	Group meeting, farmers convention, method demonstration on nursery preparation and usage of growth promoters, field day, publication on advanced method of cultivation , Booklet on IPM in agricultural and horticultural crops
16	Jasmine	Incidence of Budworm	-	Budworm Management in Jasmine	Budworm management in jasmine	-	Method demonstration on preparation of formulations,
17	Rose	American boll worm incidence	-	-	Management of american boll worm in rose	-	Leaflet on american boll worm in rose
18	Dairy	Repeat Breeding	-	-	Identification of Repeat breeders and its Management	Repeat breeders and its Management	Method demonstration, compendium on dairy management
		Milk fever	-	-	Milk fever and its control measures	-	Method demonstration on assessment of fever
		Less remunerative price and profitability	-	-	Processing and value addition of milk products	-	Method demonstration, Booklet: Processing and value addition on milk products.

S. No.	Crop/ Enter prise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
19	Piggery	Swine fever	-	-	Identification Signs and symptoms of swine fever and its management	swine fever and its management	Leaf let on swine fever management
		Parasitism	-	-	Scientific approach for effective parasitic control in swine	-	Leaf let on Parasites of swine and its Management
20	Sheep	Sheep pox	-	-	Signs and symptoms of sheep pox and its management	-	Folder – Sheep pox Management
		Ecto and endo parasites	-	-	Management of parasitic disease		Method demonstration on application
21	Goat	Enterotox emia	-	-	Enterotoxemia and its prevention	-	Leaf let on Enterotoxemia and its prevention
		Poor body weight	Assessment of suitable goat breed for higher productivity	-	Boar goat management	-	Demonstration on AI ,Field day, Leaf let on Boar goat management
22	Desi Bird	Raniket disease	-	-	Signs and symptoms of Raniket disease and its control Measures	-	Folder - Scientific desi bird rearing
23	Turkey	Low income	-	Introduction of Broad Breasted white and bronze breed of turkey for additional income	Rearing techniques of Broad Breasted white and bronze breed of turkey	-	Group discussion, method demonstration,

S. No.	Crop/Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
24	Japanese quail	Low income	-	-	Japanese quail rearing and its management	-	Leaf let on Japanese quail rearing techniques
25	Fisheries	Improper utilization of farm ponds	-	Introduction of inland aquaculture	Utilization of farm for inland aquaculture	-	Book let: Inland aquaculture
26	Women empowerment	Lack of knowledge in personal and family nutrition	-	-	Imparting knowledge on food and nutritional security through processing	-	Booklet: Household food and nutritional security
27	IT	Lack of skill on usage of IT	-	-	-	Audio visual aids and communication techniques	Manual on Audio visual aids and communication techniques
						People participation and PRA techniques	Manual on People participation and PRA techniques
						Content development in agriculture & horticulture	Manual on Content development in agriculture & horticulture

S. No.	Crop/Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of Training for extension personnel if any	Others
27	IT	Lack of skill on usage of IT	-	-	-	Communication and media strategy	Manual on Communication and media strategy
						Computer application	Manual on Computer application
						Computer training on open source tools, net working, email and internet	Manual on Computer training on open source tools, net working, email and internet
						IPR and RTI act	-

TABLE 2A. Target set for number of interventions to be implemented during 2009-10

S. No.	Particulars of intervention	Target number / Quantity
01	On Farm Trial	9
02	Front Line Demonstration (other than oil seeds, pulses and cotton)	16
	Front Line Demonstration (Oilseeds)	6
	Front Line Demonstration (Pulses)	5
03	Training Programmes	236
	Farmers and farm women	124
	Rural Youth	24
	Extension personnel	49
	Sponsored programmes	39
04	Extension Programmes	2736
	Field Day	26
	Kisan Mela	2
	Kisan Ghosthi	2
	Exhibition	2
	Film Show	1
	Method Demonstrations	65
	Farmers Seminar	3
	Workshop	1
	Group meetings	49
	Farmers scientist interaction	7
	Lectures to be delivered	10
	Newspaper coverage	40
	Radio coverage	12
	TV coverage	11
	Radio Programmes	60
	TV Programmes	50
	Publications	5
	Popular articles	70
	Extension Literature	20
	Advisory Services	150
	Scientific visit to farmers field	175
	Farmers visit to KVK	600
	Diagnostic visits	125
	Field visits	1200
	Exposure visits	4
	Ex-trainees Sammelan	3
	Agriculture Camps	2
	Clinic day	5
	Soil health Camp	2
	Animal Health Camp	4
	Agri mobile clinic	
	Soil test campaigns	3
	Farm Science Club Conveners meet	5
	Self Help Group Conveners meetings	5
	Mahila Mandals Conveners meetings	3

S. No.	Particulars of intervention	Target number / Quantity
	Celebration of Nutrition week	5
	PRA exercise to be conducted	3
	Survey on socio economic improvement through Animal Science to SHG women	2
	Awareness on Cotton contract farming	0
	Distribution of BT cotton seeds under contract farming in collaboration with Cotton Corporation of India	0
	Insect trap awareness campaign	3
	AIDS awareness campaign	3
	Awareness on KVK activities to Tribes	0
	Formation of Joint Liability Groups	0
05	Production and supply of seed materials	2500kg
	1) Cereals	1000kg
	ii) Oilseeds	500kg
	iii) Pulses	500kg
	iv) Vegetables	0
	v) Flower crops	0
	vi) Others (Daincha)	500kg
	Production and supply of Planting materials	10650
	Fruits	150
	Spices	0
	Vegetables	0
	Forest species	10000 Nos
	Ornamental crops	500
	Plantation crops	0
	Others	0
	Production and supply of bio-products	5000 kg
	Bio agents	0
	Bio fertilizers	0
	Bio pesticides	5000kg
	Production and supply of livestock material	27
	Sheep	0
	Goat	0
	Fisheries	0
	piglets	25
	Milch cow	2
	Others (Specify)	
06	Number of soil samples to be analyzed	150
07	Number of water samples to be analyzed	150

TABLE. 3 PLAN OF ON FARM TESTING FOR 2009-10

1. Assessment of suitable variety/hybrid under saline situation to improve the productivity

1. Title of the On Farm Trial : Assessment of suitable variety/hybrid under saline situations to improve the productivity
2. Agro-Ecological Zone : western zone; D3.4 Semi arid, hot-Tamil Nadu upland
3. Production System : Rice –Rice-Pulses under irrigated situation
4. Problem identified : low yield due to salinity
5. Number of farmers and area affected in the operational villages : 2500 Farmers &4000ha
6. Thrust areas : Problem soil management
7. **Rationale for proposing the OFT:** The salinity status of the soil is around 8.5 to 9 and existing variety is BPT 5204. Due to the high salinity and susceptibility nature of the existing variety for stem borer , leaf folder , blast and blight and produce less than 25 to 40% of potential yield. The high marketability and higher price for the medium fine rice encourages the farmers to cultivate the above variety, even though it have the above said problems. Assessment of the variety which have the positive character like resistant/tolerant to leaf folder, stem borer, salinity, blast and blight and having suitable characters for higher production , marketability and profitability.
8. **Technology Option 1** : Cultivation of BPT 5204
Higher marketability. 25 to 40 % less yield than the potential and susceptibility to the leaf folder, stem borer and blast and blight diseases.
9. **Technology Option 2** : TRY- 2
Source: TNAU, 2001, **Extent of adoption:** Less than 10%, due to the less marketability for the bold size of the seeds.

10. **Technology Option 3** : CORH - 3

To increase the productivity of paddy 3.6 to 5.9 tones ha by adopting hybrids (TNAU, Coimbatore, 2006) and having higher yield potential with the medium slenderness, having resistant to pest and disease and having high marketability.

Harvesting by using with naveen and dapoli sickles for assessing the drudgery involved

11. Budget proposed for OFT

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options				
	Name	Qty. (Kg /ha)	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty (Kg/ha).	Unit Cost (Rs.)	Total Cost (Rs.)	
1	Seed (TRY-2)	40	24	960	Seed (CORH-3)	15	40	600	
2	Azospirillum	3pkt	10	30	Azospirillum	3pkt	10	30	
3	Phospho bacteria	3pkt	10	30	Phospho bacteria	3pkt	10	30	
4	Pseudomonas	3pkt	24	72	Pseudomonas	3pkt	24	72	
					Naveen sickle (T1)	5	40	200	
					Dapoli sickle (T2)	5	60	300	
Total				1092.00	Total				1232
For 1.8 ha(A)				1965.60	For 1.8 ha(B)				2217.60
Total(A+B)								4183.20	

12. Area (ha.) For implementing

- i. Technology Option 1 (Farmer's Practice) : 1.8 ha
- ii. Technology Option 2 (Recommended Practice) : 1.8 ha
- iii. Technology option 3 : 1.8 ha

13. Grand Total Cost proposed per OFT : Rs.697.20

14. Total Number of OFTs proposed : 6

15. Total budget required : Rs.4183.20

2. Assessment of suitable method of planting in banana for higher profitability

1. Title of the On Farm Trial : Assessment of suitable method of planting in banana for higher profitability
2. Agro-Ecological Zone : Cauvery delta zone ;D 4.4 Semi arid, hot central peninsular plateau
3. Production System : Banana- ratoon banana under wet land situation
4. Problem identified : Low yield & low density of population and less productivity and profitability
5. Number of farmers and area affected in the operational villages : 1400 farmers & 2420 ha
6. Thrust areas : New method of cultivation
7. **Rationale for proposing the OFT** : The productivity of input and profitability of banana growers is decreasing and cost of cultivation is increasing every year. To improve the productivity of inputs and changes in the method of planting is important. Assessing the method of planting will provide solution to achieve higher productivity, profitability and remunerative income within the available resources.
8. **Technology Option 1** : Planting at the spacing of 1.5x1.5m (single suckers=4400plants/ha)

Even though planting at closer spacing, the number of bunches/ha is less and input efficiency is also low
9. **Technology Option 2** : High density planting at the spacing of 1.2x1.2m pair row method of planting with the spacing of 2 m with single suckers(5250 suckers/ha)

Higher population and higher yield

10. **Technology Option 3** : High density planting with the spacing of 1.8 x 3.6 (three suckers per pit=4630 suckers/ha)

Higher population, higher yield and higher profitability

11. Budget proposed for OFT

S. No.	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Suckers (Nallipoo van)	5250	Rs.4/ Sucker	21000	Suckers (Nallipoo van)	4630	Rs.4/ sucker	18520
	Total			21000	Total			18250
Total for 1.2 ha(A)				25200	Total for 1.2 ha(B)			22224
Total(A+B)								47424

12. Area (ha.) for implementing

- i) Technology Option 1 (Farmer's Practice) : 1.2 ha
 ii) Technology Option 2 (Recommended Practice) : 1.2 ha
 iii) Technology option 3 : 1.2 ha

13. Grand Total Cost proposed per OFT : Rs. 7904

14. Total Number of OFTs proposed : 6

15. Total budget required : Rs.47424

3. Assessment of suitable fodder for higher productivity

1. Title of the On Farm Trial : Assessment of suitable fodder Variety for higher productivity
2. Agro-Ecological Zone : Western zone; D3.4 Semi arid, hot- Tamil Nadu upland
3. Production System : Millets-oilseeds-fodder under irrigated situation
4. Problem identified : Lack of availability of green fodder
5. Number of farmers and area affected in the operational villages : Green fodder deficit= 93.5%, Dry fodder deficit: 52.8%
6. Thrust areas : Scientific dairy management
7. **Rationale for proposing the OFT** : To meet the fodder requirement of existing higher animal population, farmers are cultivating the variety which having the hardiness and less water requirement characters in a shorter period with the available water sources. The deficit green and dry fodder in the Karur district is 93.5% and 52.8 % respectively. To overcome the deficit of fodder availability and improve the quality of the fodder the assessment of the recent variety is needed, which is having high yield potential and high quality parameters able to produce within the short period and available sources.
8. **Technology Option 1** : Cultivation of K-10
Cultivation of K-10 (15t/ha) and single harvest
9. **Technology Option 2** : COFS-27
Cultivation of COFS-27 with the yield capacity of 44.4 t/ha.
Source: TNAU, Coimbatore.

10. **Technology Option 3** : CSH-13

To increase the productivity of fodder availability with less toxic content and high palatability yield capacity of 52 t/ha. Resistant to leafy disease.

Source: IARI, New Delhi.

11. Budget proposed for OFT

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Seeds COF S -27	40kg	20/kg	800	Seeds CSH-13	40kg	30/kg	1200
Total				800	Total			1200
Total for 1.2 ha(A)				960	Total for 1.2 ha(B)			1440
Total(A+B)							2400	

12. Area (ha.) For implementing

i) Technology Option 1 (Farmer's Practice) : 1.2 ha

ii) Technology Option 2 (Recommended Practice) : 1.2 ha

iii) Technology option 3 : 1.2 ha

13. Grand Total Cost proposed per OFT : Rs.400

14. Total Number of OFTs proposed : 6

15. Total budget required : Rs.2400

4. Management of Panama wilt in banana

1. Title of the On Farm Trial : Management of Panama wilt in banana
2. Agro-Ecological Zone : Cauvery delta zone
3. Production System : Irrigated
4. Problem identified : Occurrence of panama wilt in banana
5. Number of farmers and area affected in the operational villages : 350 farmers and 470 ha
6. Thrust areas : Scientific disease management

7. **Rationale for proposing the OFT:** The panama wilt symptom will appear during later stage of crop. Farmers do not adopt preventive measures at the time of planting of corm or initial stage of the crop. Hence the assessment of technologies achieves expected result on control of disease which in turn results in good quality of fruits and profitability.

8. **Technology Option 1** : Framers using MEMC Emisan in Karpooravalli variety by drenching method. Yield loss : 40-50%

9. **Technology Option 2** : Gelatin carbendazim capusles 60 mg + 3ml of 2% carbendazim solution injected with the help of corm injector on 2nd, 4th and 6th month DAP + Paring and Prainlage of Carbofuran @ 40g/plant **Source:** TNAU, Extent of adoption : 50%

10. **Technology Option 3** : 50mg of Gelatin carbendazim capusles+3 ml of 2% carbendazim solution at 5th, 7th and 9th month+ soil drenching of Propiconazole 0.1% once at 5th,6th and 7th month respectively+ Paring and Prainlage of Carbofuran @40g/plant **Source** : NRCB, Trichy.

Justification : Injection of carbendazim solution at 5th, 7th and 9th month gives good control than the 2nd, 4th and 6th month of recommended practices because the disease is more prone to later period of crop. Besides the drenching of Propiconazole 0.1% once at 5th, 6th and 7th month restricts the further build up of pathogen.

11. Budget proposed for OFT

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Carbendazim 50 WP	250 gm	150	150	Carbendazim 50WP	250gm	150	150
2	Carbofuran5G	80kg	60	4800	Carbofuran5G	80kg	60	4800
3					Propiconazole	6lit	340	2040
	Total			4950				6990

12. Area (ha.) for implementing

- i) Technology Option 1 (Farmer's Practice) : 1 ha
- ii) Technology Option 2 (Recommended Practice) : 1 ha
- iii) Technology option 3 : 1 ha

- 13. Grand Total Cost proposed per OFT : Rs.11940
- 14. Total Number of OFTs proposed : 5
- 15. Total budget required : Rs.11940

5. Management of Pseudostem weevil in banana

1. Title of the On Farm Trial : Management of Pseudostem weevil in banana
2. Agro-Ecological Zone : Cauvery delta zone
3. Production System : Irrigated
4. Problem identified : Incidence of Pseudostem weevil in banana
5. Number of farmers and area affected in the operational villages : 250 farmers and 360 ha
6. Thrust areas : Scientific pest management
7. **Rationale for proposing the OFT** : Proper preparation of formulation and proper injection of chemical is lacking. Correct time and direction of application with correct concentration will results in better control of the disease
8. **Technology Option 1** : Placing trap (toddy). Yield loss : 50-60%
9. **Technology Option 2** : Injection of monocrotophos @ 4 ml (54ml of monocrotophos 36 WSC with 350ml of water) at two heights viz 45 and 150 cm in the Pseudostem at monthly interval from 5th to 8th month.
Source: TNAU, **Extent of its adoption** : 10-20 %
10. **Technology Option 3** : Application of *Baeveria bassiana* 20 gm in the pseudo stem of the banana (pseudo stem trap @ 300/ha) and placing in the ground soil. **Source:** NRCB, Trichy

Justification: Application of *Baeveria bassiana* using pseudostem trap is ecofriendly and cost effective when compared to injecting monocrotophos. Pseudostem is easily available and *Baeveria bassiana* develops mycelial growth on weevil body and kill them.

11. Budget proposed for OFT

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Monocrotophos	6.75lit	380	2565	<i>Baeveria bassiana</i>	6kg	240	1440
2	Injector&needle	1	275	275				
	Total			2840				1440

12. Area (ha.) for implementing

- i) Technology Option 1 (Farmer's Practice) : 1 ha
- ii) Technology Option 2 (Recommended Practice) : 1 ha
- iii) Technology option 3 : 1 ha

13. Grand Total Cost proposed per OFT : Rs. 4280

14. Total Number of OFTs proposed : 5

15. Total budget required : Rs.4280

6. Management of Mealy bug in Sunflower

1. Title of the On Farm Trial : Management of Mealy bug in Sunflower
2. Agro-Ecological Zone : Western zone
3. Production System : Irrigated
4. Problem identified : Incidence of mealy bug in sunflower
5. Number of farmers and area affected in the operational villages
: 450 farmers and 760 ha
6. Thrust areas : Scientific pest management

7. **Rationale for proposing the OFT** : Mealy bug is the wide host range and its fecundity rate is high. So it devastates the sunflower crop totally. Farmers using indiscriminate dosages of pesticides at wrong time. Introduction of new formulation certainly paves to restrict the mealy bug population which helps to save the crop

8. **Technology Option 1** : Spraying monocrotophos 3ml /lit by power sprayer. **Varieties:** Spic 204,Lakshmi and KBSH 44 **Yield loss** : 50-60%

9. **Technology Option 2** : Spraying Acephate75WP@2gm/lit with the help of hand operated knapsack sprayer. **Source:** TNAU, Coimbatore. **Extent of its adoption:** 20-30 % because of spraying sole chemical not give much effective in mealy bug control

10. **Technology Option 3** : Spraying Profenophos 1ml/lit+ Fish Oil Rosin Soap (FORS) 20gm/lit with the help of hand operated knapsack sprayer. **Source:** CPPS, TNAU, Coimbatore.

Justification : Addition of FORS along with Profenophos which is having ovicidal and systemic in nature will give effective result and keeps the pest population at lower level.

11. Budget proposed for OFT

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Acephate	1kg	460	460	Profenophos	500ml	260	260
2					FORS	10kg	150	1500
	Total			460				1760

12. Area (ha.) for implementing

- i) Technology Option 1 (Farmer's Practice) : 2 ha
- ii) Technology Option 2 (Recommended Practice) : 2 ha
- iii) Technology option 3 : 2 ha

13. Grand Total Cost proposed per OFT : 2220

14. Total Number of OFTs proposed : 10

15. Total budget required : Rs.4440

7. Approaches for drudgery reduction and quality improvement of banana fibre

1. Title of the technology to be assessed: Approaches for drudgery reduction and quality improvement of banana fibre
2. Agro-Ecological Zone : Cauvery delta zone
3. Production system : Banana- ratoon banana
4. Problem identified : The disposal of pseudostem after the harvest of banana is a labour and cost intensive. The demand for the natural fibre at national and international level is high. Nowadays the banana fibre is one of the alternatives for natural fibre for making high quality sarees and currency. The higher quality of the fibre generally getting by hand stripping but hand stripping involve drudgery and outcome is very less and a non profitable enterprises. To utilization of fibre and making a viable enterprises by less drudgery assessment of different ways of fibre extraction is important.
5. Number of farmers and area affected in the operational villages : 200 farmers and 2400ha
6. Thrust areas : Mechanization and drudgery reduction for farm women

7. Rationale for proposing the assessment:

Fibre extraction through retting method by biological and chemical increase the fibre outcome and more remuneration.

8. **Technology Option 1** : Hand stripping

High quality of fibre and additional revenue and enterprises for farm women

9. **Technology Option 2** : Retting by means of chemical – NaOH @10% at 60 °C water for two days. Source : Central Tobacco Research Institute, Rajahmundry, Andhra Pradesh.

Retting process increase the out come and more utilization of pseudo stem and better marketability.

10. **Technology Option 3** : Retting by means of biological organism (CAP enzyme @ 10 ml mixed with 50 ml of water and diluted with 5 litres and keeping for 12 hours) **Source:** Innovative farmers

Retting process increase the out come and more utilization of pseudo stem and better marketability.

11. **Technology Option 4** : Retting by means of biological organism (Xylanase 0.1%, P^H of 9.65 at 70°C for 45 min with constant stirring

Retting process increase the out come and more utilization of pseudo stem and better marketability. **Source:** Innovative farmers

12. **Budget proposed for OFT:**

S. No	Critical Inputs for Technology Option 1				Critical inputs for technology Option- 2(Recommended Practice)			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1	Hand striper	5	80	400	NaOH @10%	1lit	350	350

S. No	Critical Inputs for Technology Option -3				Critical Inputs for Technology Option -4			
	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
	CAP enzyme	0.5 lit	375	375	Xylanase 0.1%	0.5 lit	400	400

13. Area (ha.) For implementing

- i. Technology Option 1 (Farmer's Practice) : 1 qtl
- ii. Technology Option 2 (Recommended Practice) : 1 qtl
- iii. Technology option 3 : 1 qtl
- iv. Technology option 4 : 1 qtl

14. Grand Total Cost proposed per OFT : Rs. 1525

15. Total Number of OFTs proposed : 5

16. Total budget required : 7625

8. Assessment of marketing approach for higher profit

1. Title of the technology to be assessed: Assessment of marketing approach for higher profit
2. Agro-Ecological Zone : Cauvery delta zone
3. Production system : Banana
4. Problem identified : Low profit, transportation wastage of fruits
5. Number of farmers and area affected in the operational villages : 500 farmers and 2400 ha
6. Thrust areas : Market intervention
7. **Rationale for proposing the assessment:**

Involvement of middle man for the marketing of banana discourages the farmers on banana cultivation due to less profitability and higher benefit goes to the middle man. Similarly, the direct marketing of banana, also involved time and money consumption. But ,marketing through association enhance the quality and quantity of the produce to the consumer at less cost and also provides higher return for the farmers through better maintenance of the quality and possibility for farmers to fix the price for their produce. The assessment will provide pros and cons of different approaches of marketing.

8. **Technology Option 1** : Marketing through Middle man
9. **Technology Option 2** : Direct Marketing through Uzhavar Sandi
10. **Technology Option 3** : Marketing by the association
11. **Budget proposed for OFT** :

S. No	Critical Inputs for Technology Options			
	Name	Qty. (Sample size)	Unit Cost (Rs.)	Total Cost (Rs.)
Technology Option 1	Survey , data analysis and reporting	30	-	3500
Technology Option 2		30	-	2000
Technology Option 3		30	-	2000

12. Area (ha.) For implementing

- i. Technology Option 1 (Farmer's Practice) : 30 samples
- ii. Technology Option 2 (Recommended Practice) : 30 samples
- iii. Technology option 3 : 30 samples

14. Grand Total Cost proposed per OFT : Rs. 7500

15. Total Number of OFTs proposed : 30 samples

16. Total budget required : Rs. 7500

9. Assessment of suitable goat breeds for higher productivity

1. Title of the technology to be assessed: Assessment of suitable goat
Breed for higher productivity
2. Agro-Ecological Zone : Western zone
3. Production system : Goat husbandry under rain fed
Situation
4. Problem identified : Less weight and low productivity
5. Number of farmers and area affected in the operational villages
: 500 farmers and 4000 goats
6. Thrust areas : Women empowerment

7. Rationale for proposing the assessment:

Goat husbandry is an important source of livelihood for the rural poor, particularly for the women, land less and marginal farmers. Goat is ideally suited for the poorest of the poor, because of short gestation period, Low risk capital investment and low cost of maintenance. But, due to the indiscriminate breeding and absence of elite bucks of good breeds, there has been severe genetic erosion, resulting in low weight at birth, poor growth and susceptibility to various diseases. With a view to improve goat husbandry Artificial Insemination (AI) is the alternative solution and it can be assessed about suitability of the breed on location specific.

12. Technology Option 1 : Natural breeding
13. Technology Option 2 : AI with Boer goat semen
14. Technology Option 3 : AI with Tellichery goat semen

15. **Budget proposed for OFT** :

S. No	Critical Inputs for Technology Option 2 (Recommended Practice)				Critical inputs for other technology Options			
	Name	Qty. (Kg/ha)	Unit Cost (Rs.)	Total Cost (Rs.)	Name	Qty (Kg/ha)	Unit Cost (Rs.)	Total Cost (Rs.)
1	Boer goat AI semen	25	75	1875	Tellichery goat AI semen	25	50	1250
Liquid nitrogen container								6,000
Total				1875	Total			1250
Total(A+B)								9125

13. Area (ha.) For implementing

- i. Technology Option 1 (Farmer's Practice) : 25 goats
- ii. Technology Option 2 (Recommended Practice) : 25 goats
- iii. Technology option 3 : 25 goats

14. Grand Total Cost proposed per OFT : Rs. 125

15. Total Number of OFTs proposed : 25 goats

16. Total budget required : Rs. 3125+6000=9125

Table 4. Season-wise plan of Front Line Demonstrations (FLD) for 2009-10
A. Other than oil seeds pulses and cotton
KHARIF

Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
New method of cultivation	Paddy	29.77	48.00	31.00	Labours scarcity and Low productivity, highly susceptible to stem borer	Paddy direct sowing by using seed drum	Variety- ADT-43 15 Kg/ha @ Rs.24/Kg-	360	10 ha	25
							Seed drum-1 No @Rs.5000	5000		
							Azosphirillum 3pkts @ Rs.10/Pkt	30		
							Phosphobacteria 3pkts@ Rs.10/Pkt	30		
							Pseudomonas 3pkts@ Rs.24/Pkt	72		
							Conoweeder- 2 Nos @ Rs.1400/ Conoweeder	3000		
						Total		8492.00		
						Grand total		Rs. 8492X10=Rs. 13412		

IPM	Paddy	38	42	35	Susceptible variety (BPT 5204), incidence of yellow stem borer and lack of adoption of IPM practice	IPM for yellow Stem Borer in paddy Introduction of yellow stem borer resistant variety(ADT®-48) in paddy+ Profenophos 2 times spray at 30 DAT and 45 DAT @ 2ml/lit + Pheromone traps 12/ha at 30,37, DAT + release of <i>Trichogramma japonicum</i> and <i>T.chilonis</i> @5cc/ha 37, 44, 51 DAT	Seeds ADT(R)-48 Profenophos 2lit Pheromone trap12 <i>T.japonicum</i> 10cc <i>T. chilonis</i> 15cc	720 1040 360 300 450	5	10
						Total		2900		
						Grand total		Rs. 2900X5=14500		
Scientific pest management	Brinjal	18	23	20	Incidence of fruit and shoot borer. Spraying cypermethrin 25EC 2ml/lit	Management of fruit and shoot Borer in Brinjal: Spraying of Endosulfan35 EC @2ml/lit+ Azadiractin @0.03% 2ml/lit one month after transplanting at 15 days interval	Endosulfan 35EC 2lit Azadiractin 0.03% 2litre	720 560	5	20
						Total		Rs. 1280		
						Grand total		Rs. 1280X5 = 6400		

Scientific pest management	Jasmine	820	875	725	Incidence of budworm and lack of adoption of IPM practice	Budworm Management in Jasmine : Spraying of Profenophos 1ml/lit at 15 days interval (4times)	Profeno phos 2 lit	1040	5	20
						Total		1040		
						Grand Total		Rs.1040X5=5200		
Introduction of high yielding and disease resistant variety	Chilli	260	400	230	Low yield and fruit rot and mosaic incidence	Introduction of high yielding and disease resistant variety - KKM(ch)-1 with component technology Planting two rows of maize, Spraying Triacntanol 1.25ml/lit @ 20,40,60 & 80 DAT & spraying of NAA 10ppm (Planofix 4.5 ml/10 lit) @ 60&90 DAT	Seeds 1kg @Rs 1500/kg Triacntanol 2500 ml@ Rs 850/lit NAA (Planofix) 500 ml @ Rs. 400/lit Maize seeds Rs.70 @ 2 kg (Rs.70x2=140)	1500 2125 200 140	5	15
						Total		3965		
						Grand total		Rs. 3965X5=19825		

Disease Management	Buffalo	200 kg (BW at 24 months)	300 kg (BW at 24 months)	150kg (BW at 24 months)	Liver fluke infestation leading to mortality and poor body weight gain and hence affecting age at maturity	Deworming in buffalo calves and heifers : Deworming buffalo calves and heifers with Oxyκλο zanide at every four months interval	Oxyκλο zanide (30 ml per 100 kg B wt.)	Rs. 400 per litre	6 litres	20 (5 animals per farmer)
						Total		400		
						Grand total		Rs.400X6 =Rs. 2400		
Poultry Production	Turkey	5 kg (BW at 20 weeks)	9kg (BW at 20 weeks)	3kg (BW at 20 weeks)	Low income	Popularization of Broad Breasted white and bronze breed of turkey : Popularization of Broad Breasted white and bronze breed of turkey	Day old Turkey chicks (poults)	Rs.70 per chick	100	10 (10 chicks per 47 farmer)
						Total		Rs.70		
						Grand total		Rs.70X100=Rs. 7000		
Empowerment	Fisheries	1500kg/ha	2200 kg/ha	950kg/ha	Improper utilization of farm pond and no income	Introduction of inland aquaculture	Composite culture fingerlings @500 (Catla : 40 % Rohu : 20 % Mrigal : 30 % Grass carp:10%)	375/unit (400m ²)	10	10
								Total	Rs.375	
								Grand total	Rs.3750	

Thrust area	Crop / livestock / enterprise	Parameters			Reasons for introduction	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District Average (No. of labours required)	No. of labours require by using stripper	No. of labours used by farmers			Name & Quantity number/ unit	Cost Rs./ unit		
Farm mechanization and drudgery reduction	Sugar Cane	15 (Rs. 1200)	5 (Rs. 400)	20 (Rs. 1600)	Labour scarcity increasing and availability of labour for works having drudgery nature is decreasing and affects the important operation like detrashing and untimely harvesting. Mechanization by the use of stripper helps for timely detrashing with less cost and higher production	Introduction of sugarcane stripper to reduce drudgery in detrashing	Sugarcane stripper	500	20	20
							Total	500		
							Grand total	10000		

Thrust area	Crop / livestock / enterprises	Parameters		Reason for introduction	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		Manual decortication Output kg of pod/hr	Decortication or Output kg of pod/hr			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Drudgery reduction	Ground nut	6	30	Manual decortications of pod give drudgery and less output. Similarly the mechanized decortications affect the germination of the seeds. The sitting type of decortications with proper placement of sieve size reduce the drudgery and increase the viability of the seeds	Sitting type ground nut decorticator	2	2500	2	20
						Total	2500		
						Grand total	5000		
Mechanization	Coconut	-	-	Labour scarcity for coconut harvesting	Introduction of coconut tree climber (TNAU)	Tree climber	2250	5	25
						Total	2250		
						Grand Total	11,250		

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Thrust area	Crop / live stock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ ha) or Rs./ unit		
Introduction of high yielding variety and INM	Maize	24.51	54.00	25.00	Highly susceptible to stem borer and downy mildew, Poor filling of grains and low yield	Introduction of resistant hybrid and micro nutrient management for higher productivity in maize	COMH-5 seeds 15 kg/ha @100/kg	1500	10ha	20
							Micronutrient 12.5kg/ha @ Rs.30/kg	375		
						Total	1875			
						Grand Total	1875x10=18750			
New method of cultivation	Ground nut	20.16	27.00	19.75	Poor population maintenance and establishment of plants and high weed competition	Introduction of polythene film mulch for water and weed management	Polythene sheet 52kg/ha @ Rs.65/kg	Rs.3380	5ha	20
						Total	3380			
						Grand Total	3380x5=16900			

SUMMER

Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/ unit	Cost (Rs./ha) or Rs./unit		
Mechanization	Sugar cane	90.44	110.00	87.85	Poor establishment and population and high wastage of sugar cane	Introduction of sugarcane sett cutter for precision farmers	sugarcane sett cutter 5 No's @ Rs.3000/ cutter	3000	5	25
							Total	15000		
Mechanization	Ground nut	20.16	22.00	19.75	Labours scarcity and 75-80% of pod only harvested due to the soil hardness	Introduction of Power tiller operated ground nut harvester	Power tiller operated ground nut harvester 2 No's@ Rs.7000/unit	7000	2	25
							Total	14000		
Mechanization	Ground nut	20.16	22.00	19.75	High labour requirement and low stripping due to lack of labour availability	Introduction of impact type ground nut stripper	impact type ground nut stripper 1 no@ Rs.19000/ unit	19000	1	25
							Total	19000		

B. Oil seeds

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Thrust area	Crop	Yield gap (q/ ha)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha)	Cost (Rs./ha)		
Introduction of new high yielding variety	Ground nut	20.16	22	19.75	Low production due to the existing variety and management system	Introduction of new high yielding variety in Ground nut TMV (Gn)-13 and KADIRI-6 with component technology	Seeds(kadiri-6)and TMV (Gn)-13pods 180kg/ha@ Rs.45/kg	8100	10	25
							Rhizobium 13pkts@ Rs.10/pkt	130		
							Phosphobacteria 13pkts@ Rs.10/pk	130		
							Trichoderma viridi 750 gm@ Rs.300/kg	275		
							Pseudomonas Soil drenching 2kg/ha@ Rs.120/kg	240		
							Micronutrient application 12.5kg/ha@Rs.30/kg	375		
							Neem oil 2% spray 10 lit for ha@ Rs.45/lit f	450		
							Total	9700		
							Grand total	97000		

Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Sun flower	13.63	15.00	13.50	Lack of availability of good quality seeds and poor micronutrient management	Introduction of high yielding variety in sunflower DRSF-108 with component technology	Seeds 6kg/ha@ Rs.100/Kg	600	10	20
							Azospirillum 13pkts@ Rs.10/pkt	130		
							Phosphobacteria 13pkts@ Rs.10/pkt	130		
							Pseudomonas 13pkts@ Rs.24/pkt	390		
							Micronutrients 12.5 Kg/ha@ Rs.32.5/kg	410		
							Neem oil 2% spray@ Rs.45/lit	450		
							Neem cake 25 kg/ha@ Rs.15/kg	375		
							MnSo ₄ 0.5% spray at the time of 30,40 and 50 th day after sowing@ Rs.50/kg	375		
							ZnSo ₄ 0.5% spray spray at the time of 30,40 and 50 th day after sowing@ Rs.45/kg	340		

							Borax 0.2% spray @ Rs.60/Kg	60		
							Mancozeb 2g/Lit @400/kg	400		
							Total	3660		
							Grand total	36600		
Introdution of new high yielding variety	Sesame	2.84	6.50	3.00	lack of availability of good quality seeds and poor micronutri ent and pest and disease managem ent	Introduction of high yielding variety in sesame - VRI (Sv) -1 with component technology	Seeds 5kg/ha Rs.75/Kg	375		
							Azosphirillum 13pkts@ Rs.10/pkt	130		
							Phosphobacteria 13pkts@Rs.10/pkt	130		
							Pseudomonas 16pkts@ Rs.24/pkt	390		
							Neem oil 2% @ Rs.45/lit	450	10	20
							Neem cake 25 kg/ha@ Rs.15/kg	375		
							MnSo ₄ 5kg/ha@Rs.50/kg	250		
							ZnSo ₄ 5kg/ha @Rs.45/kg	225		
							Mancozeb 2g/Lit @ Rs.400/Kg	400		
							Wettable sulphur@2.5g/lit @Rs.600/kg	775		
							Total	3500		
							Grand Total	35000		

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Thrust area	Crop	Yield gap (q/ ha)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha)	Cost (Rs./ha)		
Introduction of new high yielding variety	Ground nut	20.16	27.00	19.75	Low production due to the existing variety and poor management system	Introduction of new high yielding variety in Ground nut KADIRI-6 with component technology	Seeds(kadiri-6)and pods 180kg/ha@ Rs.45/kg	8100	10	25
							Rhizobium 13pkts@ Rs.10/pkt	130		
							Phosphobacteria 13pkts@ Rs.10/pk	130		
							Trichoderma viridi 750 gm@ Rs.300/kg	275		
							Pseudomonas Soil drenching 2kg/ha@ Rs.120/kg	240		
							Micronutrient application 12.5kg/ha@Rs.30/kg	375		
							Neem oil 2% spray 10 lit for ha@ Rs.45/lit f	450		
							Total	9700		
							Grand Total	97000		

Thrust area	Crop / lives tock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Sun flower	13.63	15.00	13.50	lack of availability of good quality seeds and poor micronutrient and pest and disease management	Introduction of high yielding variety in sunflower DRSH-1 with component technology	Seeds 5kg/ha@ Rs.250/Kg	1250	10	25
							Azospirillum 13pkts @Rs.10/pkt	130		
							Phosphobacteria 13pkts @Rs.10/pkt	130		
							Pseudomonas 13pkts @Rs.24/pkt	390		
							Micronutrients 12.5 Kg/ha@Rs.32.5/kg	410		
							Neem oil 2% @ Rs.45/lit	450		
							Neem cake 25 kg/ha@ Rs.15/kg	375		
							Borax 0.2% @ Rs.60/Kg	60		
							Mancozeb 2g/Lit @ Rs.400/Kg	400		
							Total	3595		
							Grand Total	35950		

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Thrust area	Crop / live stock/ enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Sesame	2.84	6.50	3.00	lack of availability of good quality seeds and poor micronutrient and pest and disease management	Introduction of high yielding variety in sesame - VRI (Sv)-2 with component technology	Seeds 5kg/ha @Rs.75/Kg	375	10	25
							Azosphirillum 13pkts @Rs.10/pkt	130		
							Phosphobacteria 13pkts @ Rs.10/pkt	130		
							Pseudomonas 16pkts @ Rs.24/pkt	390		
							Neem oil 2% @ Rs.45/lit	450		
							Neem cake 25 kg/ha @ Rs.15/kg	375		
							MnSo ₄ 5kg/ha @ Rs.50/kg	250		
							ZnSo ₄ 5kg/ha @Rs.45/kg	225		
							Mancozeb 2g/Lit@Rs.400/Kg	400/kg		
							Wettable sulphur 2.5g/lit @650/kg	775		
							Total	3500		
							Grand Total	35000		

**C. Pulses
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Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Red gram	4.84	8.00	4.50	Lack of availability of good quality seeds, Poor fertility ,poor micronutrient management and high incidence of pest and disease attack	Introduction of high yielding variety for both rain fed and irrigated situation in Red gram VBN-3 with component technology	Seeds 25kg/ha @ Rs.50/Kg	1250	10	25
							Rhizobium13pkt @Rs.10/pkt	130		
							Phosphobacteria 13pkts@ Rs.10/pkt	130		
							Pseudomonas 16pkts@ Rs.24/pkt	390		
							Neem oil 2% spray@ Rs.45/lit	450		
							Neem cake 25 kg/ha@ Rs.15/kg	375		
							ZnSo ₄ 12.5kg/ha@ Rs.45/kg	650		
							2% Urea foliar spray2 times at flowering and another 15 days interval@ Rs.5.5/kg	125		
							Total	3500		
							Grand Total	35000		

Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmer's yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Black gram	3.67	5.00	3.50	Lack of availability of good quality seeds, Poor fertility, poor micro nutrient management and high incidence of pest and disease attack	Introduction of high yielding mosaic resistant variety in Black gram VBN (Bg)-4 under garden land situation with component technology	Seeds 20kg/ha @ Rs.45/Kg	900	10	25
							Rhizobium 13pkt @ Rs.10/pkt	130		
							Phosphobacteria 13pkts @ Rs.10/pkt	130		
							Pseudomonas 16pkts @ Rs.24/pkt	390		
							Neem oil 2% spray @ Rs.45/lit	450		
							Neem cake 25 kg/ha @ Rs.15/kg	375		
							ZnSo ₄ 25kg/ ha @ Rs.45/kg	1125		
Total							3500			
Grand Total							35000			

Thrust area	Crop / livestock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers	
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit			
Introduction of new high yielding variety	Green gram	3.99	5.50	7.80	Lack of availability of good quality seeds, Poor fertility, poor micronutrient management and high incidence of pest and disease attack	Introduction of high yielding mosaic resistant variety in Green gram Co (Gg)-7 under garden land situation	Seeds 20kg/ha @ Rs.45/Kg	900	10	25	
							Rhizobium 13pkt @Rs.10/pkt	130			
							Phosphobacteria 13pkts @ Rs.10/pkt	130			
							Pseudomonas 16pkts @ Rs.24/pkt	390			
							Neem oil 2% spray @ Rs.45/lit	450			
							Neem cake 25 kg/ha @ Rs.15/kg	375			
							ZnSo ₄ 25kg/ ha @ Rs.45/kg	1125			
							Total	3500			
								Grand Total	35000		

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Thrust area	Crop / live stock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers	
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit			
Introduction of new high yielding variety	Black gram	4.84	8.00	4.50	Lack of availability of good quality seeds, Poor fertility ,poor micronutrient management and high incidence of pest and disease attack	Introduction of high yielding variety in Black gram under rice fallow situation – ADT-5 with component technology	Seeds 25kg/ha @ Rs.60/Kg	1500	10	25	
							Rhizobium13pkt @Rs.10/pkt	130			
							Phosphobacteria 13pkts@ Rs.10/pkt	130			
							Pseudomonas 16pkts@ Rs.24/pkt	390			
							Neem oil 2% @ Rs.45/lit	450			
							Neem cake 25 kg/ha@ Rs.15/kg	375			
							2% DAP foliar spray2 times at flowering and another 15 days interval@ Rs.11/kg Mancozeb 2g/lit @400/kg	225			
	Rs.400										
							Total	3500			
								Grand Total	35000		

Thrust area	Crop / live stock / enterprises	Yield gap (q/ unit ha / number) or (number/unit)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha) / Number	No. of farmers
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit		
Introduction of new high yielding variety	Green gram	3.99	5.50	7.80	lack of availability of good quality seeds, Poor fertility ,poor micronutrient management and high incidence of pest and disease attack	Introduction of high yielding variety in Green gram under rice fallow situation – ADT-3 with component technology	Seeds 25kg/ha @ Rs.60/Kg	1500	10	25
							Rhizobium13pkt @Rs.10/pkt	130		
							Phosphobacteria 13pkts@ Rs.10/pkt	130		
							Pseudomonas 16pkts@ Rs.24/pkt	390		
							Neem oil 2% spray@ Rs.45/lit	450		
							Neem cake 25 kg/ha@ Rs.15/kg	375		
							2% DAP foliar spray2 times at flowering and another 15 days interval@ Rs.11/kg	225		
							Mancozeb 2g/lit @400/kg	400		
							Total	3500		
							Grand Total	35000		

D. Cotton

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Thrust area	Crop	Yield gap (q/ ha)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers District average yield
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha)	Cost (Rs./ha) or Rs./unit		
-	-	-	-	-	-	-	-	-	-	-

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Thrust area	Crop	Yield gap (q/ ha)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers District average yield
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha)	Cost (Rs./ha) or Rs./unit		
-	-	-	-	-	-	-	-	-	-	-

SUMMER

Thrust area	Crop	Yield gap (q/ ha)			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers District average yield
		District average yield	Potential yield	Farmers yield			Name & Quantity (kg/ha)	Cost (Rs./ha) or Rs./unit		
-	-	-	-	-	-	-	-	-	-	-

TABLE 5 Plan For Training Programmes For Extension Functionaries During 2009-10

Crop / Enterprise	Identified Thrust Area	Organization	Training Course Title	No. of Courses	Skill to be transferred
Agricultural crops	IWM	Agri. Department	Integrated weed management in Agricultural crops	3	Use of machines for weed control
	IPM	Agri.department	Eco friendly pest management tools	2	Preparation of formulation and placing of tools
	Mechanization	Agri.engg. & Agri.department	Tools and machineries in agriculture	1	Operation of various machineries
Paddy	IPM	Agri.department and NGOs	IPM in rice	3	Analysis of ecological situations, Identification and preparation of formulation
	INM	Agri.department	Micro nutrient management in agricultural crops	2	Different method of treatments and selection of location specific components
	Problem soil management	Agri. department and NGOs	Problem soil management through organic farming	3	Selection of reclamation material and calculation
Oil seeds	INM	Agri. Department	Low cost and no cost technologies for oil seed production	1	Different method of treatments and selection of location specific components
	IPM	Agri.department	IPM in oil seeds	1	Identification and diagnosis of pests and natural enemies
	IPM	School teachers	IPM on agricultural and horticultural crops	5	Identification & diagnosis of pests and natural enemies
	IPM	Department of agriculture	Current status for management of pest and diseases in oilseeds.	2	Releasing methods of egg parasite and setting of light traps
Pulses	INM	Agri.department	Low cost and no cost technologies for pulses production	1	Different method of treatments and selection of location specific components

Crop / Enterprise	Identified Thrust Area	Organization	Training Course Title	No. of Courses	Skill to be transferred
Pulses	IPM	Agri department, FDG, NGO	IPM in Pulses	1	Identification and diagnosis of pests and natural enemies
Horticultural crops	Mechanization	Agriculture, horticulture and Agri.Enng, NGOs	Mechanization in Horticultural	2	Operation of different tools and equipments
Sugar cane	IPM	Department of agriculture and NGOs	Recent methods for pest management in sugarcane	2	Releasing and rearing methods of egg parasite
Banana	IPM	Department of agriculture and NGOs	Advance techniques for the management of pest and diseases	2	Installing pheromone trap methods
Dairy	Scientific Breeding Management	Animal Husbandry	Repeat Breeders and its Management	2	Identifying Repeat breeders from Normal
Piggery	Scientific disease Management	Animal Husbandry	Swine fever Management	2	Signs and symptoms of swine fevers
IT	Innovative approaches	FDG, NGOs, Agriculture and horticulture	Audio visual aids and communication techniques	2	Operation, preparation and maintenance of audio visual aids
		FDG, NGOs, Agriculture and horticulture	People participation and PRA techniques	4	Use of PRA tools for gender analysis
		Agriculture & horticulture	Content development in agriculture & horticulture	4	Use of various software
		NGOs, Agriculture and horticulture	Communication and media strategy	2	Use of various hard and soft wares
		FDG, NGOs, school teachers	Computer application	2	Identification and Use of search engines
		Agriculture & Horticulture, Mango growers association and other associations	Computer training on open source tools, net working, email and internet	3	Efficiency on utilization of search engines and networking
		FDG, NGOs, school teachers, Agriculture and horticulture	IPR and RTI act	2	Use of rights and application procedures

Table 6: Plan of vocational training programmes for Young Farmers (Rural Youth) during 2009-10

Crop / Enterprise	Identified Thrust Area	Training title*	No. of programmes and Duration (days)	Skill to be transferred
Organic farming	Organic farming	Bio inputs production technologies	5 (20 days)	Composting and their enrichment Waste recycling, selection of different component for composting
Seed production	Organic farming	Importance of Organic seeds and their production technologies	5 (20 days)	Utilization of on farm resources
Sericulture	Employment generation	Mulberry cultivation and silkworm rearing	1 (15 days)	Chawki and late age silkworm rearing
Mushroom	Employment generation	Mushroom production and value addition	1 (15 days)	Mushroom bed formation
Swine	Swine Production	Swine Production and its Management	1 (10 days)	Piglet Management
Desi Bird	Nutrient Management	Desi bird rearing Techniques	1 (10 days)	Vaccination Technique
Dairy product: Milk	Women empowerment in agri allied enterprises	Value addition of Milk and milk products	2 (15 days)	Preparation, Quality assessment and marketing skill
Small scale enterprises	Post Harvest Technology	Post harvest technology in fruit and vegetables	2 (15 days)	Scientific method of Processing
Small scale enterprises	Women empowerment in agri based enterprises	Value addition on tomato	2 (15 days)	Preparation, Quality assessment and marketing skill
Agricultural crops	Empowerment in e-learning	Imparting knowledge in marketing information of agricultural produce through e-linkage.	2 (15 days)	Marketing information through e-linkage
Banana	Employment generation	Banana fibre extraction and value addition of banana	2 (15 days)	Banana fibre extraction and preparation of banana fibre products

Table 7: Plan of training programmes for farmers/farm women during 2009-10

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title*	No. of Course	Skill to be transferred
Paddy	Labour and water scarcity	Mechanization and new method of cultivation	Direct sowing of paddy by using drum seeder	5	Use of seed drum
	Problem soil and poor soil fertility	Problem soil management	Problem soil management through organic approach	3	Selection of reclamation material and calculation
	Poor growth and establishment of seedlings	New method of cultivation	Mat nursery management practices	5	Nursery preparation
	Micronutrient deficiency	INM	Management of micronutrient	3	Identification of deficiencies and application
	High cost of cultivation and low productivity	New method of cultivation	Low cost production technologies in paddy	3	Selection of variety, season, Seed treatment and planting method
	Yellow stem borer	IPM	Management of yellow stem borer in paddy	3	Release of egg parasites
	Blast	Scientific disease management	Management of blast in paddy	3	Method of formulation of inputs
	Storage pest incidence	Post harvest technology	Scientific storage technologies in agricultural crops	2	Scientific methods and technical skill
Ragi Maize Jowar	Poor health, less income and profitability	Value addition	Nutritional significance and value addition on millets	3	Preparation and quality assessment
Maize	Poor filling of grains and low yield	INM	Micro nutrient management in maize	5	Selection and application of micro nutrient

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title*	No. of Course	Skill to be transferred
Maize	Low yield, occurrence of stem borer and downy mildew	Introduction of HYV	Production technologies for hybrid maize	3	Sowing and fertilizer management
Sugarcane	Labour scarcity, high cost of setts and wastage	Mechanization	Importance of mechanization for higher profitability	3	Cutting of single set & nursery preparation
	Early shoot borer incidence	IPM	Management of early shoot borer	2	Selection and timely release of egg parasite
	Drudgery in detraging	Mechanization	Mechanization in sugarcane cultivation	2	Usage and maintenance
Sunflower	Low filling and head size	INM	Technology for population maintenance, Management practices for higher filling and oil content	5	Selection and application of micro nutrient
	Poor germination and establishment under saline	Problem soil management	Management practices for drought and saline situation	3	Seed hardening and salinity management
	Mealy bug incidence	IPM	Management of mealy bug in sunflower	3	Method of formulation preparation
Ground nut	Decreasing area under groundnut and shifting of to sunflower due to labour scarcity and low yield with the existing variety and management, weed incidence	Mechanization and new method of cultivation	Use of polythene mulch for higher productivity	3	Selection and placing of mulch
		Intorduction of high yielding variety	Technology and adoption of high yielding variety and low cost technology for higher productivity	2	Variety selection, adoption of technologies
		Mechanization	Harvesting methods of Groundnut	2	Use of harvester
		Mechanization	Methods of groundnut stripping	3	Use of stripper
Gingelly	Improper population maintenance and lower yield	Introduction of new high yielding variety and INM	Importance and methods of population maintenance & micro nutrient management.	2	Sowing and thinning
Gingelly	Capsule borer incidence	IPM	Management of capsule borer	2	Utilization of integrated components
	Weed incidence	IWM	Methods of weed management	2	Formulation preparation & application

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title*	No. of Course	Skill to be transferred
Coconut	Red palm weevil & Rhinoceros beetle	IPM	Management of Red palm weevil & Rhinoceros beetle in coconut	2	Method of trapping and hooking
	Labour scarcity	Mechanization	Coconut climber and its usage	3	Use of coconut climber
Red gram	Poor yield and longer duration	Introduction of short duration, high yielding variety	Role and importance of selection of varieties and approaches for better population maintenance and production	3	Methods of sowing and seed treatment
Black gram	Low yield and susceptibility to mosaic	Introduction of high yielding variety	Importance of selection of resistant variety and their production technologies	4	Methods of sowing and seed treatment
	Pod borer incidence	IPM	Integrated pest management for pod borer	2	Method of bait preparation
	Low yield	New method of cultivation	Low cost and no cost production technologies	1	Method of cultivation
Green gram	Low yield and susceptibility to mosaic	Introduction of high yielding variety	Importance of selection of resistant variety and their production technologies	3	Methods of sowing and seed treatment
		New method of cultivation	Low cost and no cost production technologies	1	Method of cultivation
Fodder Sorghum	Lack of green and dry fodder availability	Introduction of high yielding variety	Importance of selection of suitable variety under saline and moisture stress situation	2	Methods of sowing and seed treatment
Banana	Low profitability	New method of cultivation	Different methods of planting and input management	3	Methods of planting
			Importance of information collection on market status and ways	3	Downloading information

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title	No. of Course	Skill to be transferred
Banana	Pseudostem weevil incidence	IPM	Management of pseudostem weevil in banana	2	Method of pseudostem trap preparation
	Panama wilt incidence in banana	Scientific disease management	Approaches for management of Panama wilt in banana	2	Method of corm injection
	Wastage of pseudo stem and less remunerative price for raw banana	Income and employment generation	Banana fibre extraction and value addition of banana	2	Fibre extraction
			Methods of banana fibre extraction	2	Fibre extraction and preparation chemical formulation
Brinjal	Fruit and shoot borer	IPM	Management of fruit and shoot borer	2	Formulation of inputs
Jasmine	Budworm	IPM	Budworm management of jasmine	2	Selection and formulation of inputs
Chilli	Low yield and fruit rot and mosaic incidence	Introduction of high yielding and resistant variety & IPM	Cultivation techniques of chilli	3	Seed treatment, nursery management
Rose	American boll worm	IPM	Management of American bollworm in rose	2	Installation of pheromone trap
Sheep	Ectoparasite and Endoparasites	Scientific disease Management	Management of Parasitic diseases	3	Method of Deworming
Dairy	Milk fever	Scientific Nutrient management	Milk fever and its control Measures	3	Signs and symptoms of milk fever
Goat	Low weight	Empowerment	Boer and tellichery goat management	2	Feeding and maintenance
Fisheries	Improper utilization of farm pond and low income	Empowerment	Utilization of farm for inland aquaculture	2	Feeding and maintenance

Table 8. Plan for sponsored training programme during 2009-10

Crop/ Enter prise	Identified Thrust Area	Organi zation	Training course title*	No. of Courses	Sponsored Agency	Skill to be transferred
Organic Farming	Organic Farming	Service providers of NCOF	Importance of Organic farming and certification	2	NCOF	Utilization of natural resources and conservation &documentation
Organic Farming	Organic Farming	Service providers of NCOF	Documentation for group certification	2	NCOF	Documentation and maintenance
Organic Farming	Organic Farming	Internal Control System	Organic paddy production	2	NABARD	Utilization of organic inputs
Organic Farming	Organic Farming	Internal Control System	Organic gingelly production	3	NABARD	Utilization of organic inputs, Processing and packing
Organic Farming	Organic Farming	Internal Control System	Organic vegetable production	2	NABARD	Utilization of organic inputs
Organic Farming	Organic Farming	Internal Control System	Organic banana production	2	NABARD	Utilization of organic inputs
Organic Farming	Organic Farming	Service providers of NCOF	Documentation and certification	5	ICCOA	Documentation and maintenance
Organic Farming	Organic Farming	Internal inspectors of ICS	Internal inspection	3	ICCOA & NCOF	Observation, evaluation and report preparation
Entrepreneurship development	Banana	SHGs of WDC	Banana fiber quality up gradation	3	NABARD	fiber extraction and quality assesement
Entrepreneurship development	Banana	SHGs of WDC	Use of machinery for banana fibre extraction	5	NABARD	Handling of machinery
Apiculture	Employment generation	SHGs	Honeybee rearing	1	NABARD	Harvesting of honey
Seri culture	Employment generation	SHGs	Mulberry cultivation&silkworm rearing	1	NABARD	Bivoltine cocoon production

Crop/ Enter prise	Identified Thrust Area	Organi zation	Training course title*	No. of Courses	Sponsored Agency	Skill to be transferred
Fishery	Employment generation	-	Ornamental fish Rearing	2	MPEDA	Fingerling Raising
Small scale enterprises	Women empowerment in agri based enterprises	SHG	Mushroom cultivation and value addition	1	NABARD	Preparation
Fruits and vegetables	Women empowerment in agri based enterprises	SHG & Rural household women	Value addition and quality making in Fruit and vegetable crops	3	DRDA	Preparation and quality assessment
Small scale enterprises	Women empowerment in enterprises	SHG	Entrepreneurs Development programme in agri based activities	2	Women Development Corporation	Managerial, accounting, and marketing skill

Table 9: Details of Extension programmes planned for 2009-10

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
1	2	3	4	5	6
April	Thogaimalai: Pulutheri	Publication CD development	Training on tools and machinery for agriculture	PF/FW & RY	
	Kullithallai - Puzhutheri & Vadseri	Group meetings	FLD on Deworming and its importance in buffalo	PF/FW	
	Kulithalai: Archampatti, R.T.Malai	Group meeting for Sponsored training	Training: Value addition of Milk and milk products	PF/FW	
	Lalapet	Group meetings	OFT on management of panama wilt in banana	PF	
	Neithalur	Group meetings	OFT on Assessment of marketing approach for higher profit	PF	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
May	Thogaimalai	Publication CD Development Method demonstration	Training on computer application	FDG conveners, School dropouts, Master trainers of ICS	
	Thogaimalai	Publication Method demonstration	Computer training on open source tools, net working, email and internet	AAO	
	Thogaimalai	Publication an method demonstration	Training on Communication and media strategy	NGOs, Agriculture and horticulture	
	Kulithalai Inootrimangalam	Group meeting	OFT on Assessment of suitable method of planting in banana for higher profitability	PF/FW	
	Kullithallai -Vadaseri & Puzhutheri	Group meetings	FLD on Popularization of Broad Breasted white and bronze breed of turkey	PF/FW	
	Lalapet	Method demonstration	OFT on management of panama wilt in banana	PF/FW	
	Thogaimalai	PRA on gender issues	-	FW	
	Thogaimalai	Animal health camp	OFT and FLD	PF/FW&EF	
June	Thogaimalai Pathiripatti	Group meeting	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Thogaimalai,Kadavur Naganur,Palaviduthy	Group meeting	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Kadavur Tharagampatti	Group meeting,	FLD on Introduction of new high yielding variety in sesame	PF/FW	
	Thogaimalai Kallai	Group meeting,	FLD on Introduction of new high yielding variety in Red gram	PF/FW	
	Kulithalai Nallur	Group meeting	FLD on Introduction of new high yielding variety in Black gram	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
June	Kadavur Devermalai	Group meeting,	FLD on Introduction of new high yielding variety in Green gram	PF/FW	
	Thogaimalai Kadavur Krishnarayapuram Thanthoni	Soil Health camp	Problem soil management	PF/FW	
	Kulithalai Inootrimangalam	Group meeting	Assessment of suitable method of planting in banana for higher profitability	PF/FW	
	Kulithalai	Seminar on ITK	Promotion of organic farming	PF/FW&EF	
	Kullithallai -Vadacherry & Archampatti	Method demonstration	FLD- Deworming buffalo calves and heifers		
	Thogaimalai, Muthalaipatti&chepplap atti	Method demonstration and Field day	FLD on coconut tree climber	PF/FW	
	Thaliyampatti	Farmers –scientist interaction	FLD on budworm management in Jasmine	PF/FW	
	Poiyamani	Group meeting	OFT on Pseudostem weevil management in banana	PF/FW	
	Krishnarayapuram Kossur ,punavasipatt	Group meeting	OFT on Assessment of suitable goat breed for higher productivity	PF/FW	
July	Thogaimalai Pathiripatti	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Thogaimalai,Kadavur Naganur,Palaviduthy	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Kadavur Tharagampatti	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in sesame	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
July	Thogaimalai Kallai	Method demonstration on Seed treatment ,seed hardening and sowing to maintain population	FLD on Introduction of new high yielding variety in Red gram	PF/FW	
	Kulithalai Nallur	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in Black gram	PF/FW	
	Kadavur Devermalai	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in Green gram	PF/FW	
	Thogaimalai Kulithalai kadavur Thonthoni	Publication Method demonstration on problem soil management	Training on Problem soil management through organic farming	AAO,FTC and Master trainees	
	Thogaimalai	Group meeting	OFT on Assessment of suitable fodder for higher productivity	PF/FW	
	Krishnarayapuram Panchapatti	Group meeting	FLD on paddy direct seeding by drum seeder	PF/FW	
	Thogaimalai Vadacheri	Group meeting	OFT on hybrid rice assessment under saline situation	PF/FW	
	Kullithallai -Vadacherry & Archampatti	Method demonstration	FLD- Popularization of Broad Breasted white and bronze breed of turkey	PF/FW	
	Kulithalai Neithalur	Group meeting	Capacity building and group dynamics	PF/FW	
	Thaliyampatti	Method demonstration	FLD on budworm management in Jasmine	PF/FW	
	Kulithalai	Animal health camp	OFT and FLD	PF/FW&EF	
	Alagapuri RT malai	Group meeting	FLD on Introduction of inland aquaculture	PF/FW	
	Krishnarayapuram Kossur ,punavasipatt	Method demonstration on AI	OFT on Assessment of suitable goat breed for higher productivity	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
August	Thogaimalai Kulithalai Kadavur Thonthoni	PRA exercise	OFT,FLD,Training	PF/FW	
	Thogaimalai Pathiripatti	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Thogaimalai,Kadavur Naganur,Palaviduthy	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Kadavur Tharagampatti	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in sesame	PF/FW	
	Thogaimalai Kallai	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in Red gram	PF/FW	
	Kulithalai Nallur	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in Black gram	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
August	Kadavur Devermalai	Farmers Scientist interaction on for identification of deficiency Method demonstration on Micronutrient application, placement of traps, formulation of bio products and spray	FLD on Introduction of new high yielding variety in Green gram	PF/FW	
	Krishnarayapuram Panchapatti	Method demonstration on seed treatment, nursery preparation and sowing methods	FLD on paddy direct seeding by drum seeder	PF/FW	
	Thogaimalai Kulithalai Kadavur Krishnarayapuram	Method demonstration on Seed treatment Method demonstration on different Nursery management	Training on Mat nursery	PF/FW	
	Thogaimalai RT Malai	Method demonstration on Seed treatment, seed hardening and sowing methods	OFT-Assessment of suitable fodder for higher productivity	PF/FW	
	Krishnarayapuram Panchapatti	Method demonstration on seed treatment, nursery preparation and sowing methods	FLD on paddy direct seeding by drum seeder	PF/FW	
	Thogaimalai Vadacheri	Method demonstration on seed treatment, nursery preparation and sowing methods	OFT on hybrid rice assessment under saline situation	PF/FW	
	Kullithallai - Kavalkaranpatti & Puzhutheri	Group meetings	Training- Repeat Breeders and its Management	EF	
	Kulithalai R.T. Malai Seethapati	Group meetings	OFT on assessment of improved sickle in paddy harvesting to overcome drudgeries	PF/FW	
	Lalapet	Method demonstration	OFT on management of panama wilt in banana	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Thaliyampatti	Method demonstration	FLD on budworm management in Jasmine	PF/FW	
	Vadaseri	Group meeting	FLD on yellow stem borer in paddy	PF/FW	
	Muthanampatti	Group meeting	FLD on introduction of high yielding variety in chilli (KKM(ch)-1	PF/FW	
	Kulithalai	Animal health camp	OFT and FLD	PF/FW&EF	
	Alagapuri RT malai	Method demonstration	FLD on Introduction of inland aquaculture	PF/FW	
	Krishnarayapuram Kossur ,punavasipatt	Film show	OFT on Assessment of suitable goat breed for higher productivity	PF/FW&EF	
	Kulithalai	Soil testing campaigns	-	PF/FW	
	Kulithalai	Kisan ghosthi	-	PF/FW&EF	
	Kulithalai	PRA on gender issues	-	FW	
September	Thogaimalai Archampatti	Group meeting	FLD on introduction of hybrids and micronutrients management for higher productivity in maize	PF/FW	
	Thogaimalai RT Malai	Demonstration	Training on importance of selection of suitable variety under saline and moisture stress situation	PF/FW	
	Kulithalai	Exhibition TV Coverage	Machinery	PF/FW&EF	
		Soil test campaign	Problem soil management	PF/FW&EF	
		Work shop cum seminar on organic farming	Soil fertility improvement and higher productivity	PF/FW&EF	
	Thogaimalai Kazhugoor	Group meeting	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Kadavur Tharagampatti	Group meeting,	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Krishnarayapuram Panchapatti	Method demonstration on micro nutrient application	FLD on paddy direct seeding by drum seeder	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Thogaimalai Vadacheri	Method demonstration on micro nutrient management	OFT on hybrid rice assessment under saline situation	PF/FW	
	Thogaimalai Kalladai	Group meeting	FLD on introduction of polythene mulch for water and weed management	PF/FW	
	Kullithallai - Kavalkaranpatti & Puzhutheri	Group meetings	Training- Swine fever Management	EF	
	Kulithalai Nadupatti Valayapatti	Group discussion	Training: Post harvest technology in agricultural crops	EF	
	Neithalur & Purasampatti	Group meeting	FLD: Introduction of sugarcane stripper to reduce drudgery in operation	PF/FW&EF	
	Lalapet	Method demonstration	OFT on management of panama wilt in banana	PF/FW&EF	
	Thaliyampatti	Method demonstration	FLD on budworm management in Jasmine	PF/FW&EF	
	Vadaseri	Method demonstration	FLD on yellow stem borer in paddy	PF/FW&EF	
	Poiyamani	Farmers scientist interaction	OFT on Pseudostem weevil management in banana	PF/FW&EF	
	Muthanampatti	Group meeting	FLD on introduction of high yielding variety in chilli (KKM(ch)-1	PF/FW&EF	
	Alagapuri RT malai	Method demonstration	FLD on Introduction of inland aquaculture	PF/FW	
October	Thogaimalai Kazhugoor	Method demonstration and Field day	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Thogaimalai Kazhugoor	Method demonstration and Field day	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Kadavur Tharagampatti	Method demonstration and Field day	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Thogaimalai	Farmers convention	FLD on paddy	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
October	Krishnarayapuram Panchapatti	Method demonstration on use of conoweeder	FLD on paddy direct seeding by drum seeder	PF/FW	
	Thogaimalai Kalladai	Method demonstration spread of polythene sheet and dipping of seeds	FLD on introduction of polythene mulch for water and weed management	PF/FW	
	Kadavur Tharagampatti	Field day and publication	FLD on Introduction of new high yielding variety in sesame	PF/FW &EF	
	Kulithalai Nallur	Field day and publication	FLD on Introduction of new high yielding variety in Black gram	PF/FW &EF	
	Kadavur Devermalai	Field day and publication	FLD on Introduction of new high yielding variety in Green gram	PF/FW &EF	
	Thogaimalai	Field day	Assessment of suitable fodder for higher productivity	PF/FW	
	Thogaimalai	Soil health camp		PF/FW	
	Thogaimalai	Kissan mela	FLD on oilseeds and pulses	PF/FW &EF	
	Thogaimalai Archampatti	Method demonstration on sowing and population maintenance	FLD on introduction of hybrids and micronutrients management for higher productivity in maize	PF/FW	
	Thogaimalai Archampatti	Method demonstration on sowing and population maintenance	FLD on introduction of hybrids and micronutrients management for higher productivity in maize	PF/FW	
	K.R.Puram -Kossur & Vadaseri	Group meetings	Training- Swine Production and its Management	EF	
	Kalladai, Kallai & Neithalur	Group meeting	FLD: Introduction of Groundnut decorticator to overcome drudgeries	PF/FW	
	Purasampatti	Method of Demonstration Field day	FLD: Introduction of sugarcane stripper to reduce drudgery in operation	PF/FW	
	Thaliyampatti	Result demonstration	FLD on budworm management in Jasmine	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Vadaseri	Method demonstration	FLD on yellow stem borer in paddy	PF/FW	
	Chinnaputhur	Group meeting	FLD on fruit and shoot borer in brinjal	PF/FW	
	Panjappatti	Group meeting	OFT on mealy bug management in sunflower	PF/FW	
	Kadavur	PRA on gender issues	-	FW	
Novem ber	Thogaimalai Archampatti	Method demonstration on micro nutrient management	FLD on introduction of hybrids and micronutrients management for higher productivity in maize	PF/FW	
	Thogaimalai Kazhugoor	Method demonstration on nutrient management	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Kadavur Tharagampatti	Method demonstration on nutrient management	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	
	Kullithallai - Keezhavelliyur	Group meetings	Training- Desi bird rearing Techniques	PF/FW	
	Thogamalai Muthanampatti	Group meeting	Training: Value addition in fruits and vegetables	PF/FW	
	Poyamani	Method demonstration	OFT on Pseudostem weevil management in banana	PF/FW	
	Muthanampatti	Method demonstration	FLD on introduction of high yielding variety in chilli (KKM(ch)-1	PF/FW	
	Chinnaputhur	Method demonstration	FLD on fruit and shoot borer in brinjal	PF/FW	
	Kadavur	Animal health camp	OFT and FLD	PF/FW&EF	
	Kulithalai	Seminar on In land fish farming		PF/FW&EF	
Decem ber	Thogaimalai Kazhugoor	Method demonstration on biopesticide application	FLD on Introduction of new high yielding variety in sunflower	PF/FW	
	Kadavur Tharagampatti	Method demonstration on bio pesticide application nutrient management	FLD on Introduction of new high yielding variety in Ground nut	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Kadavur Tharagampatti	Group meeting	FLD on Introduction of new high yielding variety in sesame	PF/FW	
	Kulithalai Nallur	Group meeting	FLD on Introduction of new high yielding variety in Black gram	PF/FW	
	Kadavur Devermalai	Group meeting	FLD on Introduction of new high yielding variety in Green gram	PF/FW	
	Kulithalai Valayapatti	Group meeting	FLD on sugarcane set cutter	PF/FW	
	Krishnarayapuram Panchapatti	Field day	FLD on paddy direct seeding by drum seeder	PF/FW	
	Kullithalai - Keezhavelliyur	Group meetings	Training- Management of Parasitic diseases	PF/FW	
	Pulutheri & Nadupatti	Group meeting	OFT: Assessment of improved sickle in paddy harvesting to overcome drudgeries	PF/FW	
	Lalapet	Result demonstration	OFT on management of panama wilt in banana	PF/FW	
	Muthanampatti	Method demonstration	FLD on introduction of high yielding variety in chilli (KKM(ch)-1	PF/FW	
	Panjappatti	Method demonstration	OFT on mealy bug management in sunflower	PF/FW	
January	Thogaimalai Keelaveliyur	Group meeting	FLD on introduction of impact type Ground nut stripper	PF/FW&EF	
	Kadavur Inungur	Method demonstration on Seed treatment and sowing to maintain population	FLD on Introduction of new high yielding variety in sesame	PF/FW	
	Thogaimalai sepalapatti	Method demonstration on nutrient management Method demonstration on bio pesticide application	FLD on Introduction of new high yielding variety in Black gram	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Kulithalai Natchalur	Method demonstration on nutrient management Method demonstration on bio pesticide application	FLD on Introduction of new high yielding variety in Green gram	PF/FW	
	Kulithalai Valayapatti	Method demonstration	FLD on sugarcane set cutter	PF/FW	
	Thogaimalai Vadacheri	Method demonstration on seed treatment, nursery preparation and sowing methods	OFT on hybrid rice assessment under saline situation	PF/FW	
	Kullithallai - Kavalkaranpatti & Puzhutheri	Group meetings	Training- Milk fever and its control Measures	EF	
	Kalladai, Kallai	Method of demonstration	FLD on Introduction of Groundnut decorticator to overcome drudgeries	PF/FW	
	Vadaseri	Field day	FLD on yellow stem borer in paddy	PF/FW	
	Chinnaputhur	Method demonstration	FLD on fruit and shoot borer in brinjal	PF/FW	
	Krishnarayapuram Kossur ,punavasipatt	Field day and Publication	OFT on Assessment of suitable goat breed for higher productivity	PF/FW&EF	
	Thogaimalai	Kisan ghosthi	-	PF/FW&EF	
February	Thogaimalai Keelaveliyur	Method demonstration on Ground nut stripper	FLD on introduction of impact type Ground nut stripper	PF/FW&EF	
	Thogaimali Puthur	Group meeting	FLD on introduction of power tiller operated ground nut harvester	PF/FW	
	Muthalaipatti	Group meeting	Trainingon Imparting skill on Agricultural and home bugeting	PF/FW	
	Muthanampatti	Field day	FLD on introduction of high yielding variety in chilli (KKM(ch)-1	PF/FW	
	Chinnaputhur	Method demonstration	FLD on fruit and shoot borer in brinjal	PF/FW	

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
	Krishnarayapuarm	Animal health camp	OFT and FLD	PF/FW&EF	
	Thogaimalai	Soil testing campaigns	-	PF/FW	
	Kulitahalai	Kissan mela	-	PF/FW&EF	
March	Kadavur Inungur	Field day & publication	FLD on Introduction of new high yielding variety in sesame	PF/FW	
	Thogaimalai sepalapatti	Field day & publication	FLD on Introduction of new high yielding variety in Black gram	PF/FW&EF	
	Kulithalai Natchalur	Field day Publication	FLD on Introduction of new high yielding variety in Green gram	PF/FW&EF	
	Thogaimali Puthur	Method demonstration and field day	FLD on introduction of power tiller operated ground nut harvester	PF/FW&EF	
	Kullithallai - Puzhutheri & Vadseri	Group meetings	Training- Management of Parasitic diseases	PF/FW&EF	
	Kulithalai	Group meeting	Imparting knowledge in marketing information of agricultural produce through e-linkage.	PF/FW	
	Chinnaputhur	Field day	FLD on fruit and shoot borer in brinjal	PF/FW&EF	

Table 10: Details of print & electronic media coverage planned for 2009-10

Sl. No.	Nature of literature/publications and no. of copies	Proposed title of the publication
1	CD (100 Copies)	Paddy Direct Sowing by machinery
2	Leaf let (300 copies)	Maize production technology
3	Booklet (200 copies)	Advanced groundnut production technologies for higher profitability
4	CD (100 Copies)	Advanced groundnut production technologies for higher profitability
5	Compendium (100 copies)	Oil seed production technologies
6	Booklet (200 copies)	Advance pulse production technologies
7	Leaf let (250 copies)	Different planting methods in banana and their benefits
8	Leaf let (250 copies)	Technologies for fodder production
9	Book let & CD (250 copies)	Training on tools and machinery for agriculture
10	Book let & CD (250 copies)	Training on computer application
11	Book let (250 copies)	Computer training on open source tools, net working, email and internet
12	Book let (250 copies)	Training on Communication and media strategy
13	Book let (250 copies)	Problem soil management through organic farming
14	Folder (500 copies)	Disease management in paddy
15	Folder (500copies)	Management of panama wilt in banana
16	Folder (300copies)	Management of red palm weevil and rhinoceros beetle in coconut.
17	Folder (300 copies)	Pest and disease management in black gram.
18	Folder (200 copies)	Sheep Management
19	Folder (200 copies)	Desi Bird Rearing
20	Booklet (400 copies)	Swine Management
21	Booklets (100 copies)	Database on locally available and ethnic foods and receipts
22	Folder (150 copies)	Nutritional quality of locally available foods.
23	Booklets (100 copies)	Quality production in milk based products
24	Booklets (150 copies)	Mushroom production for higher income
25	Booklets (100 copies)	Empowerment of women in agriculture

Sl. No.	Nature of literature/publications and no. of copies	Proposed title of the publication
26	Manual – 50 copies	Audio visual aids and communication techniques
27	Manual – 50 copies	Manual on People participation and PRA techniques
28	Manual – 50 copies	Content development in agriculture & horticulture
29	Manual – 50 copies	Communication and media strategy
30	Manual – 50 copies	Computer application
31	Manual – 50 copies	Computer training on open source tools, net working, email and internet
32	Leaf let-300 copies	Boer goat management
33	Book let-200 copies	Inland aquaculture
Sl. No.	Nature of media coverage	Proposed title of the programme to be telecasted/ broadcast
1	TV coverage and News paper	Problem soil management through organic farming
2	Radio and TV coverage	Low cost and no cost production technologies in Agricultural crops
3	TV and news paper coverage	Advanced production technologies in oil seed crops
4	TV and news paper coverage	Benefits of high density planting in horticultural crops
5	TV and news paper coverage	Scope and importance of organic products in Export market
6	TV and news paper coverage	Machinery in Paddy
7	TV and news paper coverage	Machinery in groundnut
8	TV and news paper coverage	Effect of polythene mulch in groundnut
9	TV coverage & announcement	Silkworm rearing technology
10	Newspaper	Pest and disease management in banana
11	TV coverage & announcement	Dairy Management
12	Radio and newspaper announcement	Women empowerment in agri based enterprises
13	TV coverage	Gender concepts and gender issues in agriculture

Table 11: Nature of collaborative activities planned for 2009-10

Thrust area	Collaborative Organizations	Nature of activities	No. of Activities
Organic farming	NCOF	Training	10
Organic farming	NCOF	Seminar and workshop	2
Organic farming	ICCOA	Training and net working of service providers	1
New method of cultivation & organic farming	NABARD(FTTF)	Training and demonstration on organic farming	4
Evaluation of HYV/ pest and disease resistant varieties	ATMA	On Farm Research	10
Machinery	ATMA	Demonstration	5
Scientific dairy management	ATMA	Demonstration	5
Integrated Pest Management	Pest Control of India, Chennai	Training	1
Integrated Pest Management	Central IPM Centre, Tiruchirappalli	Training	1
Integrated Pest Management	National Research Centre for Banana, Tiruchirappalli	Training	1
Employment generation	MPEDA	Training	2
Women empowerment through EDP	NABARD	Training	5
Women empowerment	NABARD	Campaigns	3
Women empowerment through EDP	Magalir thittam	Training	2
Women empowerment in agri based enterprises	NGO	Training	5
Women empowerment in agri based enterprises	DRDA	Training	2
Scientific dairy management	Department of Animal husbandry	Campaigns	5
Precision farming	Department of Horticulture and Agriculture Engineering	Training, Demonstration and workshop	3

Table 12: Financial status of revolving fund and plan for its utilization

Opening balance as on 01.04.2008	Expenditure incurred during 2008-09	Receipts during 2008-09	Closing balance as on 31.03.2009	Proposed expenditure during 2009-10	Proposed receipts during 2009-10
1,81,429.00	11,02,852.00	11,57,145.00	2,35,722.00	15,00,000.00	25,00,000.00

Table 13: Physical status of revolving fund and plan for its utilization

Opening stock position of materials* as on 01.04.2008	Quantity produced during 2008-09	Quantity sold during 2008-09	Closing stock position as on 31.03.2009	Expected production during 2009-10	Expected number of beneficiaries
Calves-5	2	0	7	2	9
0	Paddy - 6792.5 kg	5900	892.5kg	Cereals -2500kg	40
	Groundnut-4788kg	4788kg	0	Oilseeds-5000kg	200
	Gingelly-78 kg	78kg	0		
	Green gram-102kg	102kg	0	Pulses-500kg	35
	Daincha - 300kg	300kg	0	Daincha-500kg	25
				Fruits seedling-150 nos	35
				Forest tree species-10000 nos	1000
				Ornamental crops-500 nos	50
				Bio pesticides - 5000kg	750
				Piglets-25	10
				Milch cow-2	2
				Number of soil samples to be analyzed -150	150
				Number of water samples to be analyzed -150	150

Table 14. Plan for utilization of Revolving Fund (2009-10)

Amount to be invested (Rs.)	Purpose	Expected production	Approximate value of the produce
75,000	Seed production	2500	1,25,000
50,000	Production of planting material	10650	75,000
1,00,000	Production of bioproducts	5000kg	1,75,000
25,000	Production of vermicompost	10,000	50,000
25,000	Production of sericulture	700	30,000
1,00,000	Production of milk and maintenance of livestock material	14,000 lit	1,40,000
10,000	Purchase of chemicals for soil and water testing	300 samples	18,500
30,000	Banana fibre production and handicraft making	1000	60,000
2,00,000	Organic seed purchase and processing of oil	2500 kg	3,00,000
1000000	Training and sponsored activities		15,00,000
15,15,000		Total	24,73,500

Table 15: Status of KVK farm and Demonstration units

No. of blocks	Area	Source of irrigation	Sea son	Crop/enterprise /demonstration units	Size (no. of units/area)	Expected output	
						Quantity	Value
2	5ac	Borewell	Kharif	Fodder sorghum (March-July)	2.5ac/block	1000kg	10000.00
3	7.5 ac	Borewell	Kharif	Paddy (Oct-Jan)	2.5ac/ block	2500kg	25000.00
1	3ac	Borewell	Kharif	Sunflower (June-sep)	3ac/ block	1500kg	22500.00
2	3ac	Borewell	Kharif	Groundnut (June-sep)	3ac/ block	400kg	10000.00
1	3ac	Borewell	Kharif	Blackgram	3ac/ block	250kg	8000.00
2	6ac	Borewell	Kharif	Maize	3ac/ block	3000kg	15000.00
				Demonstration unit			
		Borewell		Nursery-plant propagation unit	80 M ²	500	75000.00
				Dairy units	80 M ²	5	1,40,000

16 . Are there any activities planned for production and supply (Either buy back or directly farmer to farmer) of seeds/ planting material/Bio-agents etc. In villages (other than KVK farm) so that public private partnership is utilized. Please give details in the following format

Sl. No	Seeds/Planting material /Bio-agent	Name of the public-private partnership arranged	Quantity of output expected (Qtl)
1	Organic seed & Organic sesame oil	NCOF-SKVK-Farmers group	2500Lit
2	Banana fiber quality up gradation	NABARD-SKVK-SHG	200Kg
3	Organic ground nut seeds (Kathiri-6)	ANGRAU, Hyderabad	800kg
4	Organic gingelly seed VRI(Sv)-1	TNAU, Coimbatore	1200kg

17. What is the extent of cultivable wasteland in your district? Are there any specific activities planned to be implemented in these wastelands by the KVK during 2009-10. Please give details.

Sl. No	Name of activity	Extent of coverage's	
		No. of farmers	Area (ha)
-	-	-	-

18. National Horticulture Mission (NHM) is being implemented through out the country. You are requested plan for implementing some of the activities envisaged in NHM in your district in collaboration with district head of department of horticulture. Please give details of any such plans for 2009-10.

19. Whether ATMA is functioning in your district? YES/NO

If yes, what type of coordination and collaboration does your KVK is proposed to have during 2009-10?

Activities	Type of coordination and collaboration
Preparation of SREP	: Planning and guidance
Training and demonstration	: <ul style="list-style-type: none"> • Imparting knowledge to the block level officers as a master trainer • Joint implementation with all line departments through block level technical team with the involvement of SMS
Review and approve the strategic and annual work plan	Programme coordinator is a member of Governing body at district level and all SMS member in Block Technical Team
Preparation of an integrated, strategic Research Extension Plan	: Member of ATMA management committee

Validating and refining location : Joint implementation with line departments specific based technologies

On Farm Testing : Research and refinement of technology

If Yes, whether Strategic Research and Extension Planning (SREP) has been prepared?

Yes, it has been prepared.

SKVK will go to implement the following research activities during 2009-10 under ATMA, Karur.

Research activities.	Total Cost in Lakhs
Agriculture	
Development of Package of practices for major crops by testing the existing technology through on farm trial	2.00
Screening of short duration fine quality variety with resistant to blast and saline with high market potential by conducting On farm trial	2.00
Assessing the resistant/ tolerant varieties for necrosis in Ground nut and Sunflower by conducting on farm trial	2.00
Assessing the drought tolerant varieties in Ground nut and Sunflower by conducting on farm trial	2.00
Horticulture	
Assessing the varieties having high resistance to fruit borer	1.25
Assessing mosaic free suitable variety for tapioca	1.0
Developing the inbuilt keeping quality in vegetable and fruits through Research	0.50
Animal Husbandry	
Assessing the suitable feeding management for milch animals	0.35
Assessing the suitable goat rearing techniques	0.1
Assessing high yielding fodder varieties for livestock production	1.25
Assessing the unutilized crop residue and other crops as fodder	0.1
	12.55

20. What type of scientist-Farmer linkages are proposed by your KVK for 2009-10?

Group Approach : Commodity (Organic product)
 Cluster approach : Clusters of 2 acre land beneficiaries & promotion of organic farming
 Growers Association : Mango, Banana and organic growers

21. Activities of soil, water and plant testing laboratory

Year of establishment	Expenditure is Rs.(lakhs)	No. of soil samples planned To be analyzed and reported	No. of water samples planned To be analyzed and reported	No. of Plant Samples planned To be analyzed and reported	Remarks if any
To be established	-	150	150	10	Approved in EFC

22. Details of budget utilization (2008-09)

S.No	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	3400000	3400000	2900707
2	Traveling allowances	100000	100000	100074
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	220000	220000	248694
B	POL, repair of vehicles, tractor and equipments	120000	120000	120354
C	Meals/refreshment for trainees (ceiling up to Rs.40/day/trainee be maintained)	80000	80000	80010
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	100000	100000	100000
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	65000	65000	65000
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	35000	35000	35000
G	Training of extension functionaries	20000	20000	20000
H	Maintenance of buildings	25000	25000	27945
I	Establishment of Soil, Plant & Water Testing Laboratory	-	-	-
J	Library	10000	10000	10000
k	Farmers Field School	25000	25000	25000
TOTAL (A)		42,00000	42,00000	37,32,784
B. Non-Recurring Contingencies				
1	Works	-	-	-
2	Equipments including SWTL & Furniture	15000	15000	15000
3	Vehicle (Four wheeler/Two wheeler, please specify)	50000	50000	50000
4	Library (Purchase of assets like books & journals)	-	-	-
TOTAL (B)		65000	65000	65000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		42,65,000	42,65,000	37,97,784

23. Details of Budget Estimate (2009-10)

S. No.	Particulars		Amount (Rs.)
1	Pay & Allowances		38,00,000
2	Traveling allowances		4,00,000
3	Contingencies		26,50,000
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	7,50,000	
B	POL, repair of vehicles, tractor and equipments	2,50,000	
C	Meals/refreshment for trainees (ceiling up to Rs.40/day/trainee be maintained)	3,00,000	
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1,50,000	
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2,00,000	
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1,00,000	
G	Training of extension functionaries	1,00,000	
H	Maintenance of buildings	2,00,000	
I	Establishment of Soil, Plant & Water Testing Laboratory	4,00,000	
J	Library	1,00,000	
k	FFS	1,00,000	
TOTAL (A)			68,50,000
1	Works		1600000
	Sericulture Demonstration Unit	300000	
	Farm Development		
	Land Leveling	200000	
	Road Formation	200000	
	Threshing and Drying Yard	300000	
	Irrigation System	300000	
	Vehicle and Implements Shed	300000	
2	Equipments including SWTL & Furniture		32,30,000
	Public Address System	30000	
	Office/Hostel Furnishing	200000	
	Generator	100000	
	EPABX System	50000	
	Power Tiller	150000	
	Laser guided land leveler	500000	
	Soil Test Lab Equipments	1000000	
	Plant Diagnostic centre	1000000	
	Integrated Farming System	200000	
3	Vehicle (Four wheeler/Two wheeler, please specify)	0.00	
4	Library (Purchase of assets like books & journals)	100000	100000
TOTAL (B)			49,30,000
C. REVOLVING FUND			0.00
GRAND TOTAL (A+B+C)			1,17,80,000

24. Targets for E-linkage activities

S. No.	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
01	Final installation of E-Linkage facility	June 2009	
02	Creation of web-site	August 2009	Already created and updation for the current year
03	Development of Technological Models with modules in major disciplines	September 2009	
04	Creation and maintenance of relevant database system for KVK	November 2009	
05	Any other (Please specify)		

25. Activities planned under Rainwater Harvesting Scheme during 2009-10 (only to those KVKs which are already having scheme under Rain Water Harvesting)

S. No	Activities planned during 2009-10	Remarks if any
-	-	-

26. Please give details of activities planned, other than those listed above.

Activities proposed under Farmers Field School (FFS)

- Title of the FFS** : Integrated Pest Management in Paddy
Integrated Pest Management in Groundnut
Integrated Pest Management in Sunflower
Integrated Pest Management in Pulses
- Problem definition** : Various abiotic and biotic factors associated with many pest and diseases.
- Objectives of FFS** : To empowering knowledge of farmers on self-decision for managing the problems in farming practices.
To develop the skill of farmers to conduct their own experimental trials
To change their attitude towards IPM concepts

Scientific rational of FFS : The transfer of technology to the farmers through farmer field school approach is eco friendly, economically viable and socially acceptable, because of methodologies developed in FFS is easily accessible for heterogeneous group and facilitation by the experts

The learning process involved in FFS : Demonstration
 Group discussion,
 Brain storming
 Non formal education
 Facilitating scientific method (FSM)
 Simple statistic analysis (SSA)
 Entry point activity (EPA).

Priorities of FFS : Agro ecosystem analysis,
 Group dynamics
 Special topics
 Short term experiment
 Long-term experiment.

Budget details	:	IPM kit for 30 farmers- Rs 150 x 30	= 4,500.00
		Refreshment – Rs. 10x32 x15	= 5,100.00
		FFS literature - Rs. 40x 30 no	= 1,200.00
		Honarium – Rs. 4000x 15 no	= 6,000.00
		Expenses for conducting STE and LTE	= 3,000.00
		Contingencies	= 2,000.00
		Miscellaneous	= 2,000.00
		Field day	= 1,200.00
		TOTAL	= 25,000.00
For 4 FFS		Grand total	=1,00,00.00

Data base management

Schedule for creation of Database at KVK during 2009-10

S. No	Name of Database	Content of Database	Expected date of Completion
1	Updation of Resource inventory of the District	1. Seasonal availability of labour 2. Trend in wholesale price of major crop and livestock products (for a minimum period of ten years) 3. Details on input agencies 4. Details on infrastructural facilities available for production, post harvest and marketing 5. Details of institutional credit facilities 6. Any others relevant to district	End of August End of August End of August End of August End of September End of September End of September

Data required since inception of the KVK

1.	Farmers Database	Details of farmers	End of June
2.	Technology Inventory for the District	Details of suitable technologies for a district with their details	End of June
3.	Database for Technologies assessed and Refined	Technologies taken up for assessment and refinement with their attributes	End of June
4.	Frontline Demonstrations Database	Details of crops and enterprises along with technologies identified for demonstration	End of June
5.	Training Database	Details of training programmes across all categories and types of participants	End of June
6.	Database of Extension Programmes	Details of extension activities conducted with types of participants	End of June
7.	Seeds and Planting Material Database	Details of crops along with varieties produced and sold	End of September
8.	Documentation of Success stories	Details of successful farmers in various activities	End of September
9.	Impact assessment	Impact created through various approaches	End of September