

ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE

PROFORMA FOR ACTION PLAN OF KVKs IN ZONE VIII FOR THE YEAR 2012-13

1. General information about the Krishi Vigyan Kendra

1.	Name and address of KVK with Phone, Fax and e-mail, Website	:	Krishi Vigyan Kendra Collectorate Complex Ramanathapuram – 623 503 Tamil Nadu Ph. No : 04567-230250 Fax. No: 04567-230250 Email: arsramnad@tnau.ac.in Website: www.kvkramnad.org
2.	Name and address of host organization	:	Tamil Nadu Agricultural University Coimbatore – 641 003. Ph. No. 0422-6611233 Fax. No. 0422-6611433
3.	Year of sanction	:	April 2004
4.	Name of agro-climatic zone	:	Coastal arid cum semi arid
5.	Major farming systems/enterprises		<ul style="list-style-type: none">➤ Rain fed Rice –fallow➤ Semi dry Rice – fallow➤ Semi dry Chilli➤ Rain fed Rice – Cotton➤ Chillies-fallow➤ Groundnut-fallow➤ Groundnut vegetable➤ Rain fed Rice – Vegetable➤ Rain fed Rice – Gingelly

6.	Soil type	:	Sand – 13 % Loamy sand – 4 % Sandy loam – 7 % Sandy clay loam – 9 % Sandy clay – 30 % Clay – 37 % Alkaline soil – 28 % Saline soil – 4 %
7.	Annual rainfall (mm)	:	827 mm Summer 14% South west monsoon 17% North East monsoon 60% Winter 9%

2. Details of staff as on date 29.02.2012

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay band	Grade Pay	Date of joining	Permanent / Temporary	If vacant action plan for filling the post on permanent basis
1.	Programme Coordinator	Dr.V.Ganesaraja	Agronomy	37400-67000	10000	02.03.11	Permanent	-
2.	Subject Matter Specialist	Dr.P.Thukkaiyannan	Agronomy	15600-39100	6000	30.12.09	Permanent	-
3.	Subject Matter Specialist	Dr.A.Anuradha	SS&AC	15600-39100	6000	30.12.09	Permanent	-
4.	Subject Matter Specialist	Dr.C.Vijayaraghavan	Agri.Entomology	15600-39100	6000	31.12.09	Permanent	-
5	Subject Matter Specialist	Dr.C.Kavitha	Horticulture	15600-39100	6000	30.12.09	Permanent	-
6	Subject Matter Specialist	Dr.V.Meenakshi	Home Science	15600-39100	6000	13.01.10	Permanent	-
7	Subject Matter Specialist	Dr.G.Anand	Agri.Extension	15600-39100	6000	01.02.10	Permanent	-
8	Programme Assistant	Th.C.Karunaithasan.	Agronomy	9300-34800	4400	25.02.11	Permanent	
9	Computer Programmer	Tmt.G.Namagirilakshmi	Comp. Science	9300-34800	4400	10.12.08	Permanent	-
10	Farm Manager	Tmt. M. Jeyenthimala	Agriculture	9300-34800	4400	06.06.07	Permanent	-
11	Accountant/Superintendent	Tmt. C.Anitha	-	9300-34800	4800	19.11.10	Permanent	-
12	Stenographer	Th. N. Gunaseelan	-	5200-20200	2400	22.10.07	Permanent	-
13	Driver 1	Th. A.Paulraj	-	5200-20200	2400	01.07.10	Permanent	-
14	Driver 2 - Foreman	Th.V.Ponnar	-	9300-34800	4200	17.06.11	Permanent	-
15	Supporting staff 1	Tmt. K.Rukkumani	-	2500-5000	500	16.09.10	Permanent	-
16	Supporting staff 2	Tmt. T.Dhanavalli	-	2500-5000	500	16.09.10	Permanent	-

3. Details of SAC meeting conducted during 2011-12

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2012-13
1	01.02.2012	<ul style="list-style-type: none"> Popularize Fodder CO(CN) -4 Grass as much as possible and Propose a FLD/OFT on PPP model of Fodder CO(CN)-4 Grass 	Fodder CO (CN) -4 Grass was popularized during 2011-12. FLD on PPP model of Fodder CO(CN) -4 Grass was proposed 2012-13 action plan	June-2012 and January-2013
		<ul style="list-style-type: none"> Propose a FLD/OFT on Anna-4 	OFT on Anna – 4 proposed during 2012-13	
		<ul style="list-style-type: none"> Agro Forestry model to be established at KVK Farm Fodder Sorghum (CO (FS)-29 may be promoted. 	The action will be taken during 2012-13	
		<ul style="list-style-type: none"> Conducting Rain shadow experiment at KVK farm Popularize KVK Success story in Radio/Press Send Success story of S.V. Raman, farmer of Siragikottai, Nainarkovil block to Valarum Velanmai 	The action will be taken during 2012-13	
		<ul style="list-style-type: none"> Training on Value addition of Millet Training to Extension functionaries on Harvester Termite Training on Dry Fodder preparation Module for Post harvest and Value addition. 	The action will be taken during 2012-13	
		<ul style="list-style-type: none"> Establishing Slatted Floor Goat Rearing using RF of KVK 	The action will be taken during 2012-13	
		<ul style="list-style-type: none"> Promoting Groundnut rich through FLD 	During 2011-12 Groundnut rich was popularized through FLD and again 2012-13 Action plan also FLD on ICM in groundnut CO 6 was proposed	
		<ul style="list-style-type: none"> Convergence with line department and NGOs and NABARD Farmers club to be made for Trainings 	Trainings planned during 2012-13	

4. Capacity Building of KVK Staff

A. Plan of Human Resource Development of KVK personnel during 2012-13

S. No	Category	Area of training	Institution proposed to attend	Justification	Details of trainings attended during 2011-12
1.	Programme Coordinator	Adaption and mitigation strategies to crop with climate change for sustainable agricultural production	Central Research Institute for Dry land Agriculture, Hyderabad	The training will be useful to mitigate the salt effected soils in Ramanathapuram district	-
2.	SMS1	Reclamation and management of salt affected soils	Central Soil Salinity Research Institute, Karnal, Haryana	The training will be useful to mitigate the salt effected soils in Ramanathapuram district	The CAFTA training on alternative farming system options for food and nutritional security at TNAU, Coimbatore Nov 9 th -29 th
3.	SMS2	Reclamation and management of salt affected soils	Central Soil Salinity Research Institute, Karnal, Haryana	The training will be useful to mitigate the salt effected soils in Ramanathapuram district	-
4.	SMS3	Bee keeping	Central Bee Research Institute,Pune	The training will be useful to impart trainings to farming community	Centre for advanced faculty training in Agricultural Entomology on Precision farming and insect pest management at TNAU, Coimbatore Feb8 th -28 th
5	SMS4	Protected vegetable cultivation	IARI, New Delhi	The training will be useful to update the recent development in vegetable cultivation	-
6	SMS5	Newer and concepts and techniques in development of health foods	CIPHET, Ludhiana	Development of dietetic health food by using cereals and millets is the prerequisite for overcoming malnutrition. By attending this training various health foods can be developed and	-

				popularized through SHGs	
7	SMS6	Expert system & Multimedia	ICAR institution/ TNAU	Hands on Expert system & Multimedia may help in developing user friendly soft version of technologies and easy dissemination of the same	-
8	Lab Technician	Strategies for sustainable Rural Livelihoods in Rainfed areas	Central Research Institute for Dry land Agriculture, Hyderabad	The training will be useful for sustainable Rural Livelihoods in Rainfed areas	-
9	Computer Programmer	ERNET training	ICAR	The training will be effective for e-learning & database management	-
10	Farm Manager	-	-	-	-
11	Administrative	-	-	-	-

B. Cross-learning across KVKs

Sl. No	Name of the KVK proposed	Purpose	Mode of learning
1	Puduchery	Knowledge on biocontrol laboratory maintenance	Training & Interaction with Entrepreneur
2	Namakkal / Sivagangai	Knowledge on Livestock enterprising	Training & Interaction with successful livestock entrepreneurs
3	Thiruchirapalli	Knowledge on saline and sodic soil management	Training & Interaction with Scientists

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, Resources and activities

S.No.	Name of the KVK included in the cluster	Nature of sharing		
		Knowledge/expertise	Resources (facilities and products)	Activities
1	Madurai	Transplanted rice	Technical expert	Training
2	Virudhunagar	Dryland technology	Technical expert	OFT & FLD
3	Pudukottai	Pulses production	Technical expert	Training, OFT&FLD
4	Sivagangai	Livestock enterprising	Training & Interaction with successful livestock entrepreneurs	Experts for handling trainings regarding livestock enterprise

6. Plan of Work for 2012-13

A. Operational areas details proposed

S.No.	Taluk/ block	Name of cluster villages		Major crops & enterprises being practiced	Major problems identified	Identified thrust areas based on problems	If existing from which year Please state
		Existing	New				
1	Thiruvadanai	RS Mangalam Thiruvadanai	-	Rice	Rice Leaf folder	Pest management	For the last Two years
2	Kamuthi	Kamuthi,Perunali, Abiramam, Ramasamipatti	Iyyanarkulam, Kilamaram	Jasmine	Low price during on season and thereby low income	Assessing the possibility of off season production of flowers	Persisting over 10 years
3	Thirupullani	Thinnaikulam Kavalkaranvalasi Nambiyavalasai Regunathapuram Vannangundu	Palkarai	Annual Moringa	Low yield in country type	Assessment of Annual moringa varieties for Ramanathapuram	Persisting over 10 years
		Kalari	Puthendal Periyapattinam	Livestock	Infertility & Low milk yield	Animal nutrition	Persisting problem over years
		Thirupullani	Periyapattinam	Fodder	Low milk yield & Non availability of green fodder	Animal nutrition	Persisting problem over years
		Thinnaikulam Kavalkaranvalasi Nambiyavalasai	Regunathapuram Vannangundu	Groundnut	Non adoption of foliar spray of nutrient solution during flowering stage Lack of knowledge on nutrient management , Non adoption of new varieties	Nutrient management	Persisting problem over years
4	Kamuthi	Kamuthi,Perunali Abiramam	Iyyanarkulam Kilamaram	Watermelon	Low yield	ICM practice to improve yield	-

		Ramasampatti					
5	Mandapam	Melaseethai	Melamadai	Livestock	Infertility & Low milk yield	Animal nutrition	Persisting problem over years
6	Mandapam	Keelakarai town	Melamadai Keelakarai Ervadi	Fodder	Low milk yield & Non availability of green fodder	Animal nutrition	Persisting problem over years
7	Ramnad	Ramnad	Kalugoorani	Fodder	Low milk yield & Non availability of green fodder	Animal nutrition	Persisting problem over years
8	Nainarkoil	Pandiyur	Sreekeekotai Manjalpattinam	Banana	Low bunch weight, uneven filling of hands	Nutrient management	Persisting problem over years
		Mudunal Sreekeekotai	Thiruvadanai RS Mangalam	Rice	Lack of awareness on remediation technologies, Use of saline water for irrigation	Problem soil management	Persisting problem over years
9	Bogalur	-	A.Puttur Sevoor	Chilli	Chilli fruit borer menace	Pest management	-
10	Rameswaram	Manadapam Akkal madam	-	Fish	Dry Fish contamination 20% loss of fish- in open sale in sandy	Solar Drying Insulated Fish Display Cabinet	Over a decade

B.Prioritized problems and KVK interventions proposed

Crop/ enterprise	Taluk/ block	Prioritized problems	Technological solution	Interventions proposed (please tick)					
				Technology Assessment	Technology Refinement	FLD	Training	Extension programmes	Production of technology inputs
Rice	Nainarkoil	Lack of awareness on remediation technologies & Use of saline water for irrigation	To increase the yield in sodic soils	✓	-	-	✓	✓	✓
Rice	Rajasinga mangalam	Leaf folder incidence	Integrated pest management	-	-	✓	✓	✓	-
chilli	Bogalur	Fruit borer menace	Integrated pest management	-	-	✓	✓	✓	-
Vegetable	Paramakudi Kamuthi	Shorter shelf life of vegetables & lack of small scale storage facility	Post harvest management	✓	✓	-	✓	✓	-
Jasmine	Kamuthi	Low price during on season and thereby low income	To increase income by inducing off season production	✓	-	-	✓	✓	-
Annual Moringa	Thirupullani	Low yield in country type	Varietal Assessment	✓	-	-	✓	✓	✓
Water melon	Kamuthi	Lack of awareness of technical know how Low yield	Integrated crop management practices to improve yield	-	-	✓	✓	✓	✓
Banana	Nainarkoil	Low bunch weight, uneven filling of hands	-	-	-	✓	✓	✓	✓

Groundnut	Thirupullani	Non adoption of foliar spray of nutrient solution during flowering stage Lack of knowledge on nutrient management , Non adoption of new varieties	-	-	-	✓	✓	✓	✓
Fish	Madapam Thangatchi madam	20% loss of fish- in open sale in sandy	Post Harvest management	-	-	✓	✓	✓	-
Dairy	Thirupulani	Low milk yield in cross breed cows	GRAND supplementation	✓	-	-	✓	✓	-
Dairy	Thirupulani Ramnad Paramakudi Nainarkoil	Low milk yield	Green fodder	-	-	✓	✓	✓	-
Poultry	Thirupulani Ramnad Paramakudi Nainarkoil	Poor egg laying & Body weight	Dual breed chick	-	-	✓	✓	✓	-

7. Details of technological interventions

A. Technology Assessment

S. No.	Crop/enterprise	Prioritized problem	Title of intervention	Technological options	Source	No. of trials	Details of inputs	Total cost involved (Rs.)	Names of the team members involved
1	Rice	Lack of awareness on remediation technologies, Use of saline water for irrigation	Assessment of composite package for Sodic soils in Rice	T1 - Farmer's practice (Kuzhiadeechan/Chandigar)@ 75kg/ha+Vermi compost @ 1 t /ha+ Gypsum 1 ton/ha + Daincha seeds@ 60 kg/ha + Zinc sulphate(25kg/ha)and Ferrous sulphate(50kg/ha) T3-Seed(TRY3) @75kg/ha + Vermi compost@1t/ha+ Gypsum1ton/ha+ Daincha seeds@60 kg/ha + Zinc sulphate(25kg/ha) and Ferrous sulphate (50kg/ha)	TNAU TNAU - 2010	5	TRY3 Seeds, Gypsum, Daincha seeds , Zinc Sulphate,Ferrous sulphate	13,475	Dr.A.Anuradha Dr.C.Kavitha
2	Rice	Assessment	Assessment of high yielding rice varieties for rainfed ecosystem	T1- Farmers practice (chithiraikar, kuruvai kalanjiam) T2- ANNA 4 paddy variety T3- IGKVR1/ IGKVR2 paddy variety	TNAU 2010 IGKV 2010 - Raipur	5	Anna 4 seeds IGKVR1/ IGKVR2 seeds	7500	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
3	Cotton	Terminal stress	Assessment of stress management in summer	T1-Farmers practice T2-Planting rainfed cotton in tide ridges + Foliar spray of KCL 1% at 50 and 70 DAS	TNAU, 2005	5	Cotton seed @ 15 kg/ha KCl @ 5 kg/ha PPFM @ 5 l/ha	12100	Dr.P.Thukkaiyannan Dr.G.Anand

			irrigated cotton (SVPR 4)	T3-Planting rainfed cotton in tide ridges + Foliar spray of PPFM 1 % 60 and 80 DAS	TNAU-2010				
4	Jasmine	Low price during on season and thereby low income	Assessment of flower productivity during off season in Jasmine	T1 - Pruning during last week of November + Fertilizer application (Recommended dose) (Farmers practice) T2 - Pruning during last week of September + Fertilizer application (Recommended dose) T3-Pruning during last week of September +0.4% Humic acid+ Nitrobenzene 300 ppm (@ monthly interval after pruning for 6 months)+ Fertilizer application (75% of Recommended dose)	II HR, 2009 TNAU (NAIP), 2011)	5	Nitrobenzene Humic acid	16720	Dr.A.Anuradha Dr.C.Kavitha
5	Annual moringa	Assessment	Assessment Of Varietal Performance Of Annual Moringa	T1- PKM-1 T2- Bhagya	TNAU 1989 GKVK- Bengaluru-2011	5	PKM-1 seeds Bhagya seeds Polybags (15 kg) Potting mixture (150 kg)	11480	Dr.V.Meenakshi Dr.C.Kavitha
6	Dairy	Poor milk production in cross breed cows	Assessment of GRAND supplement in cross bred dairy cows	T1- Farmers practice –open grazing T2- Feeding of gruel and gram husk T3- Feeding of GRAND supplement @ 20 ml/cow daily along with gruel and gram husk	TANUVAS 2011	10	GRAND feed supplement- 20 ml daily for 60 days	2500	Dr.G.Anand, KVK & Dr.Radhakrishnan, Vet. Asst. Surgeon, Keelakarai

B. Technology Refinement

S.No.	Crop/enterprise	Prioritized problem	Title of intervention	Technological options	Source	No. of trials	Details of inputs	Total cost involved (Rs.)	Names of the team members involved
-	-	-	-	-	-	-	-	-	-

C. Frontline Demonstrations

S. No.	Category/Crop or enterprise	Prioritized problem	Title of Technology	Source	No. of Demo	Area (ha)/Unit	Details of critical inputs	Total cost involved (Rs.)	Names of the team members involved
A	CEREALS & MILLETS								
1	Rice	Leaf folder incidence	Integrated crop management rice	TNAU	10	10	Trichogramma chilonis @ 5 cc/ha X 3 times (15 DAT onwards weekly intervals) NSKE 5% @ 2 times profenophos @ 1000ml /ha	17000	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan
2	Rice	Labour shortage	Mechanization in transplanted Rice	TNAU	1	1	Transplanter hiring charge Power cono weeder hiring charge Combined harvester hiring charge	12500	Dr.V.Ganesaraja Dr.P.Thukkaiyannan
B	OILSEEDS								
3	Groundnut	Non adoption of foliar spray of nutrient solution during flowering stage Lack of	Integrated crop management in groundnut CO6	TNAU, 2010	5	2	Ground nut seeds, Groundnut rich	25000	Dr.A.Anuradha Dr.C.Kavitha

		knowledge on nutrient management , Non adoption of new varieties							
C	PULSES	-	-	-	-	-	-	-	-
D	COTTON								
4	Cotton	High yielding new variety for summer irrigated condition	ICM of SVPR 4 cotton under summer irrigated areas of Ramanathapuram district	TNAU, 2009	5	5	Seed @ 15 kg / ha @ Rs. 90 per kg Pheromone trap @12/ha Heli lure@12X3times- Trichogramma chilonis @ 5 cc/ha X 3 times	16950	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
E	OTHER COMMERCIAL CROPS	-	-	-	-	-	-	-	-
F	HORTICULTURAL CROPS	-	-	-	-	-	-	-	-
5	Banana	Low bunch weight, uneven filling of hands	Integrated crop management in Banana	IIHR,	5	1	Urea@615kg/ha Super@500kg/ha Potash@1240kg/ha Banana Special @ 6 kg /ha	14790	Dr.A.Anuradha Dr.C.Kavitha
6	Watermelon	Lack of awareness of technical know how Low yield	Integrated crop management practices in watermelon	IIHR, 2006	10	2	Watermelon seeds, fertilizers, vegetable special, ethrel	22820	Dr.C.Kavitha Dr.A.Anuradha
7	Chilli	Fruit borer	Integrated crop management in chilli	TNAU	10	5	Trichogramma viridie @4gm/kg Pheromone traps @12/ha Spodoptera lure@12X3/ha	15500	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. C.Kavitha

							Trichogramma chilonis @2.5 cc/ha X 4 times(30 DAT onwards weekly intervals) NSKE 5% @2 times Poison bait carbaryl @1.25kg/ha Rice bran @1.25kg/ha jaggry @1.25kg/ha		
G	LIVESTOCK/ FISHEIRES								
8	Poultry	Poor egg laying capacity & body weight	Introduction of dual breed chick- Rhodo white chick	TANU VAS 2011	25 farmers with each 10 chicks	250	250 chicks @ Rs.50 per chick	12500	Dr.G.Anand Dr.C.Vijayaraghavan
9	Fish	20% loss of fish-in open sale in sandy	Post Harvest Management	CIFT Visakha patnam	2	-	Insulated Fish Display Cabinet	4000	Dr.V.Meenakshi Dr.V.Ganesaraja
H	OTHER ENTERPRISES								
10	Green fodder	Lack of Green fodder	Popularisation of CN-4 grass through PPP model	TNAU	2	2	CN-4 grass slips @40,000 slips/ha Cost per slip 0.65 paise	52000	Dr.G.Anand Dr.P.Thukkaiyannan

D. Trainings

i) Farmers/ Farm Women

S.No.	Crop Enterprise /	Major problem	Linked field intervention (Assessment/Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Cotton	Random dibbling and un uniform planting	Assessment	<i>Insitu</i> moisture conservation methods in rainfed cotton cultivation	1	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
2	Rice	Lack of awareness on remediation technologies, Use of saline water for irrigation	Assessment	Management of saline and sodic soils	2	Dr.A.Anuradha Dr.C.Kavitha
3	Groundnut	Non adoption of foliar spray of nutrient solution during flowering stage	FLD	Foliar spraying of nutrient solution	2	Dr.A.Anuradha Dr.C.Kavitha
4	Banana	Low bunch weight, uneven filling of hands	FLD	Foliar spray of micro nutrients in banana	2	Dr.A.Anuradha Dr.C.Kavitha
5	Rice	Leaf folder menace	FLD	Preparation of NSKE and usage of bio control agents	2	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. G.Anand
6	Chilli	Spodoptera incidence	FLD	IPM strategies for managing chilli fruit borer	2	Dr.C.Vijayaraghavan Dr.C.Kavitha Dr. G.Anand
7	Jasmine	Low price during on season and thereby low income	Assessment	Importance of pruning and growth regulator spray in jasmine to enhance productivity	2	Dr.C.Kavitha Dr.A.Anuradha Dr.G.Anand
8	Annual Moringa	Low yield in country type	OFT	Assessment of varietal performance of annual moringa	2	Dr.V.Meenakshi Dr.C.Kavitha
9	Watermelon	Lack of awareness of technical know how	FLD	Integrated crop management	2	Dr.C.Kavitha Dr.A.Anuradha

		Low yield		practices in water melon		Dr.G.Anand
10	Fish	20% loss of fish- in open sale in sandy	FLD	Value addition in fish	1	Dr.V.Meenakshi Dr.V.Ganesaraja
11	Banana	Lack of technology on value addition	-	Value added products from banana	1	Dr.V.Meenakshi Dr.V.Ganesaraja
12	Milk	Lack of technology on value addition	-	Value added Milk Products	1	Dr.V.Meenakshi Dr.V.Ganesaraja
13	Vegetable	Nutrition garden	-	Nutrition garden	1	Dr.V.Meenakshi Dr.V.Ganesaraja

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

ii) Rural Youth

S.No.	Crop / Enterprise	Major problem	Linked field intervention (Assessment/Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Rice	Dense planting More pest and diseases Less yield	Assessment	System of Rice Intensification – Applicability in water logging condition	1	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
2	Rice	Labour scarcity More cost of operation by manual	Assessment	Absolute mechanization in Rice cultivation	1	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
3	Rice	Lack of awareness on remediation technologies, Use of saline water for irrigation	Assessment	Management of saline and sodic soils	2	Dr.A.Anuradha Dr.C.Kavitha
4	Groundnut	Non adoption of foliar spray of nutrient solution during flowering stage	FLD	Foliar spraying of nutrient solution	2	Dr.A.Anuradha Dr.C.Kavitha
5	Banana	Low bunch weight, uneven filling of hands	FLD	Foliar spray of micronutrients in banana	2	Dr.A.Anuradha Dr.C.Kavitha

6	Rice	Leaf folder menace	FLD	Preparation of NSKE and usage of bio control agents	2	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. G.Anand
7	Chilli	Spodoptera incidence	FLD	IPM strategies for managing chilli fruit borer	2	Dr.C.Vijayaraghavan Dr.C.Kavitha Dr. G.Anand
8	Jasmine	Lack of technology on value addition	OFT	Advanced techniques in packaging of Jasmine	1	Dr.A.Anuradha Dr.C.Kavitha Dr.G.Anand
9	Annual Moringa	Low yield in country type	OFT	Value addition in Moringa	1	Dr.A.Anuradha Dr.C.Kavitha Dr.G.Anand
10	Watermelon	Lack of awareness of technical know how Low yield	FLD	Importance of growth regulator spray in enhancing productivity in water melon	1	Dr.A.Anuradha Dr.C.Kavitha Dr.G.Anand
11	Millet	Lack of technology on value addition	-	Millet Processing and Pre Processing Techniques	1	Dr.V.Meenakshi Dr.V.Ganesaraja
12	Dairy	Low milk yield	-	Training on feed rationale for milch cows	3	Dr.Boovirajan Asst.Prof(Vet) Dr.G.Anand

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

iii) Extension Personnel

S.No	Crop / Enterprise	Major problem	Linked field intervention (Assessment/Refinement/FLD)*	Training Course Title**	No. of Courses	Names of the team members involved
1	Rainfed crops	Mono cropping Less income Less crop insurance	FLD	Integrated farming system in rainfed agriculture	1	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
2	Oil seed crops	Low yielding varieties and poor technological adoption in oil seed cultivation	FLD	Cultivation methods and possibilities of oilseed crops in Ramanathapuram district	1	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
3	Rice	Leaf folder menace	FLD	Preparation of NSKE and usage of bio control agents	1	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. G.Anand
4	Chilli	Spodoptera incidence	FLD	IPM strategies for managing chilli fruit borer	1	Dr.C.Vijayaraghavan Dr.C.Kavitha Dr. G.Anand
5	Jasmine	Low yield	OFT	Techniques to induce off season flowering in jasmine	1	Dr.A.Anuradha Dr.C.Kavitha Dr.G.Anand
6	Watermelon	Lack of awareness of technical know how Low yield	FLD	Advanced production techniques in water melon	1	Dr.A.Anuradha Dr.C.Kavitha Dr.G.Anand
7	Millets	Low Utilization of Millet in Human Diet	FLD	Nutritional Security through Low Cost Supplementary Feeding	2	Dr.V.Meenakshi Dr.V.Ganesaraja
8	Green fodder	know-how on green fodder cultivation	FLD	Training on Green fodder cultivation	1	Dr.V.Ganesaraja Dr.Boovirajan Dr.G.Anand

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

iv) Vocational trainings

Crop / Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Names of the team members involved
Rice	SRI nursery preparation and planting methods	1 (3 days)	SHG-women	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
Mushroom	Mushroom production	5 (3 days)	SHGs, School students	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. G.Anand
Beekeeping	Bee keeping techniques	5 (2 days)	SHGs, Youth	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. G.Anand
Fruits and Vegetable	Value addition in fruits and Vegetables	1 (5 days)	SHGs	Dr.V.Meenakshi Dr.V.Ganesaraja
Chilli	Quality seedlings production	1 (2 days)	Youth and farm women	Dr.C.Kavitha Dr.G.Anand
Millets	Value added millet products preparation	1 (3 days)	NGO	Dr.V.Meenakshi Dr.V.Ganesaraja
Dairy	Dairy enterprising	2 (2 days)	NYK / SHGs	Dr.G.Anand Dr.Boovirajan

* Training title should specify the major technology/skill to be transferred.

v) Sponsored trainings

Crop/ Enterprise	Sponsoring Organization	Training course title*	No. of Courses	Names of the team members involved
Vegetables	NABARD	Value addition in coconut and moringa	1	Dr.C.Kavitha Dr.A.Anuradha Dr.G.Anand
Fish	NABARD	Value added fish product preparation	1	Dr.V.Meenakshi Dr.V.Ganesaraja
Confectionery	NABARD	Confectionary product	1	Dr.V.Meenakshi

		preparation		Dr.V.Ganesaraja
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* Programme title should specify the major technologies/skills to be transferred /refreshed.

E.Extension programmes

Month	Extension programme*	Linked field intervention**	Expected category of participants	Names of the team members involved
April	Group meeting	FLD	Farmers / Farm Womens /Rural youth/ SHGs/ NYK volunteers / Extension functionaries	Dr.V.Ganesaraja Dr.P.Thukkaiyannan Dr.A.Anuradha Dr.C.Vijayaraghavan Dr.C.Kavitha Dr.V.Meenakshi Dr. G.Anand
May	Campaign	FLD		
	Propaganda through media	FLD		
June	Farmers Mela / Technology week	-		
	Group Meeting Method Demo	FLD		
	Group Meeting	OFT		
July	Exposure visit	FLD & OFT		
	Group Meeting Method Demonstration	FLD		
	Group meeting	FLD		
	Field visit	OFT		
	Exposure visit	Cotton growing areas in Tamil Nadu		
August	Animal health camps	General		
	Group Meeting Method Demo	OFT & FLD		
	Method demonstration	FLD		
	Field visit	OFT		
	Trainings	OFT		
September	Training	OFT		
	Field Visit	FLD		
	Field Day	OFT		
	Method demonstration	OFT		

	Group meeting	FLD		
October	Training	FLD		
	Method demonstration	FLD		
	Field Visit	OFT & FLD		
	Field Day			
January	Field Visit	OFT & FLD		
February	Field Day	OFT & FLD		

8. Activities proposed as Knowledge and Resource Centre

A. Technological knowledge

Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
Technology Park/ Crop cafeteria	-	-	-
Demonstration Units	Shade net nursery	200 m ²	Dr.C.Kavitha
	Food Processing, Spawn Unit	26 m ²	Dr.V.Ganesaraja
	Goat shed	24m ²	Dr.V.Ganesaraja
Lab Analytical services	Soil test based fertilizer recommendation	300 samples	Dr.A.Anuradha
Technology Week	Agro allied components	-	All the service providers of Ramanathapuram

B. Technological Products

Category	Name of the product	Quantity (Qtl.)/ Number	Names of the team members involved
Seeds	-	-	-
Planting materials	Hybrid vegetable seedlings (Chilli and tomato)	2,00,000	Dr.C.Kavitha
	CN-4 grass Slips and green fodder bundle	1,00,000	Dr.G.Anand Dr.P.Thukkaiyannan
Bio-products	-	-	-
Livestock strains	-	-	-
Fish fingerlings	Rogu, Mirgal and common carp	3000	Dr.G.Anand Dr.V.Meenakshi

C. Technological Information

Category	Technological capsules / Number	Names of the team members involved
Technology backstopping to line departments		
Agriculture	5	Dr.V.Ganesaraja Dr.P.Thukkaiyannan Dr.A.Anuradha Dr.C.Vijayaraghavan Dr.C.Kavitha Dr.V.Meenakshi Dr. G.Anand
Horticulture	7	
Animal Husbandry	2	
Agricultural Engineering	-	
Sericulture	-	
Home Science	7	
Literature/publication	11	
Electronic Media	9	
Kisan Mobile Advisory Services	1000	
Information on centre/state sector schemes and service providers in the district.	Data may be collected from different agencies and will be compiled before- Aug-2012	Th.C.Karunaithasan Tmt.G.Namagirilakshmi

9. ADDITIONAL ACTIVITIES PLANNED

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.) in Lakhs	Names of the team members involved
1	ICAR	National Initiative on Climate Resilient in Agriculture	Technology demonstration component	33.00	Dr.V.Ganesaraja Dr.P.Thukkaiyannan Dr.A.Anuradha Dr.C.Vijayaraghavan Dr.C.Kavitha Dr.V.Meenakshi Dr. G.Anand
2	NADP-RKVY	Popularization of Soil breeding and Water management strategies in coastal sandy soil of Ramanathapuram district -	Popularization of Soil breeding and Water management strategies	15.893	Dr.V.Ganesaraja Dr.A.Anuradha Dr.C.Kavitha

10. Revolving Fund

A. Financial status

Opening balance as on 01.04.2011 (Rs.in Lakh)	Expenditure incurred during 2011-12 (Rs.in Lakh)	Receipts during 2011-12 (Rs.in Lakh)	Closing balance as on 31.01.2012 (Rs.in Lakh)
2.69	0.44	0.45	2.70

B. Plan of activities

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
1	Vermicompost	10 tons/yr	50000	Dr.A.Anuradha

11. Activities of soil, water and plant testing laboratory

Type	No. of samples to be analyzed	Names of the team members involved
Soil	100	Dr.A.Anuradha
Water	200	Dr.A.Anuradha
Plant	-	
Others	-	

12. E-linkage

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
1	Creation of web-site	Completed and hosted on 01.02.2012	www.kvkramnad.org
2	Title of the technology module to be prepared	June-2012	-
3	Creation and maintenance of relevant database system for KVK	June-2012	-
4	Any other (Please specify) Community Radio	Proposal under scrutiny	Awaiting orders from TNAU & GOI

13. Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting)

S. No	Activities planned	Remarks if any
-	-	-

14. Innovative Farmer's Meet

Particulars	Details
Are you planning for conducting Farm Innovators meet in your district?	Yes
If Yes likely month of the meet	July-2012
Brief action plan in this regard	Farmers - Scientist interactions

15. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1	ICM	ICM in Groundnut	30000

16. Budget

A. Details of budget utilization (2011-12) upto 31 January 2012

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	6800000		6401436
2	Traveling allowances	100000		58565
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	190000	4656389	174165
B	POL, repair of vehicles, tractor and equipments	150000		120850
C	Meals/refreshment for trainees	75000		63400
D	Training material	30000		24400
E	Frontline demonstration except oilseeds and pulses	165000		155199
F	On farm testing	30000		21889
G	Training of extension functionaries	20000		15520
H	Maintenance of buildings	10000		9300
I	Establishment of Soil, Plant & Water Testing Laboratory	0		
J	Library	5000		2125
K	Farmers field school	25000		15461
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Works – Furniture & Furnishing	500000		0
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library			
TOTAL (B)		500000		0
C. REVOLVING FUND		-		
GRAND TOTAL (A+B+C)		8100000		7062310

B.Details of Budget Estimate (2012-13) based on proposed action plan

S.No.	Particulars	BE 2012-13 proposed
A. Recurring Contingencies		
1	Pay & Allowances	7700000
2	Traveling allowances	250000
3	Contingencies	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	250000
B	POL, repair of vehicles, tractor and equipments	250000
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	150000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	50000
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	250000
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	100000
G	Training of extension functionaries	50000
H	Maintenance of buildings	50000
I	Establishment of Soil, Plant & Water Testing Laboratory	100000
J	Library	10000
K	Extension Activities	40000
L	Farmers field school	30000
TOTAL (A)		9190000
B. Non-Recurring Contingencies		
1	a)Works – Administrative building	4000000
	b) Residential Quarters	4000000
	c)Land leveling	200000
	d) Bore well	100000
	e)Storage Godown	400000
	f) Fencing cum boundary wall	500000
2	Equipments including SWTL & Furniture	

	a. Hot air oven – 1 no	10000
	b. File Rack – 2 nos	12000
	c. Cooling Chambers – 2 nos	70000
	d. Mini power weeder for garden land – 1 no	140000
	e. Mini Rotavator – 1 no	100000
	f. duck foot cultivator – 1 no	25000
	g. Mini tractor and Accessories – 1 no	450000
3	Vehicle (Four wheeler/Two wheeler, please specify)	
	4 Wheeler – 1 no	1000000
	Honda scooter – 2 nos	120000
4	Library (Purchase of assets like books & journals)	20000
TOTAL (B)		11147000
C. REVOLVING FUND		-
GRAND TOTAL (A+B+C)		20427000