

BRIEF PROCEEDINGS OF THE ACTION PLAN MEETING 2012-13

Name of the KVK: Ramanathapuram

Name of the participant: Dr.V.Ganesaraja., Ph.D.,

Designation: Programme Co ordinator

Details on targets:

I. Technology Assessment and Refinement

S. No	Crop / Enterprise	State assessment / refinement	Technology to be assessed / refined	No. of trials	Technology Options			Total budget (Rs.)	Parameters to be recorded	Details of Staff Involved
					1	2	3			
1	Rice	Assessment	Assessment of composite package for Sodic soils in Rice	5	Farmer's practice	Seed (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)	Seed(TRY3) @75kg/ha + Vermi compost@1t/ha+ Gypsum1ton/ha+ Daincha seeds@60 kg/ha + Zinc sulphate(25kg/ha) and Ferrous sulphate (50kg/ha)	13,475	Plant height No.of tillers Yield BC Ratio	Dr.A.Anuradha Dr.C.Kavitha
2	Cotton	Assessment	Assessment of Stress management practices in rainfed cotton (SVPR 2)	5	Farmers practice	Planting rainfed cotton in tide ridges + Foliar spray of KCL 1% at 50 and 70 DAS	Planting rainfed cotton in tide ridges + Foliar spray of PPFM 1 % 60 and 80 DAS	12100	Plant height Bolls/plant Yield BC Ratio	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan

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3	Jasmine	Assessment	Assessment of flower productivity during off season in Jasmine	5	Pruning during last week of November + Fertilizer application (Recommended dose*) (Farmers practice)	Pruning during last week of September + Fertilizer application (Recommended dose*)	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)	16720	Relative increase in flower production Yield BC Ratio	Dr.C.Kavitha Dr.A.Anuradha
4	Annual Moringa	Assessment	Assessment Of Varietal Performance Of Annual Moringa	5	PKM-1	Bhagya	-	11480	No. of pods/tree Yield (t/ha) and BCR	Dr.V.Meenakshi Dr.C.Kavitha
5	Dairy	Assessment	Assessment of GRAND supplement in cross bred dairy cows	10	Farmers practice – open grazing	Feeding of gruel and gram husk	Feeding of GRAND supplement @ 20 ml/cow daily along with gruel and gram husk	2500	Milk yield	Dr.G.Anand Dr.C.Vijayaraghavan
6	Rice	Assessment	Assessment of high yielding rice varieties for rainfed ecosystem	5	Farmers practice (chithiraikar, kuruvai kalanjiam)	ANNA 4 paddy variety - TNAU 2010	IGKVR1/ IGKVR2 paddy variety – IGKV 2010 - Raipur	7500	Plat height Yield BC Ratio	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan

No. of technologies to be assessed / refined: 6

Total Number of On Farm Trials: 35

Total Budget requirement in Rs.63,775

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II. Front Line Demonstrations

S. No	Crop / Enterprise	Technology to be demonstrated	No. of demo.	Area in ha. / No. of units	Details of Critical inputs		Total budget (Rs.)	Parameters to be recorded	Details of Staff Involved
					Name and quantity (Kg / number / other units if any)	Cost per unit			
01	Rice	Mechanization in transplanted Rice	1	1	Transplanter hiring charge 7500/ha Power cono weeder hiring charge@ Rs 1000/ha Combined harvester hiring charge Rs. 4000/ha		12500	Yield BC Ratio	Dr.V.Ganesaraja Dr.P.Thukkaiyannan
02	Rice	Integrated crop management strategy for rice	10	10	Trichogramma chilonis @ 5 cc/ha X 3 times -600/- NSKE 5% @2 times -500/- profenophos @ 1000ml /ha-600/-		17000	% leaf folder incidence Yield BC ratio	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan
03	Groundnut	Integrated crop management in Ground nut Co 6	5	2	Ground nut rich@ 5.5 kg/ha applied as foliar spray at peak flowering stage and additional spray at pod development stage Seeds (CO6) @ 200 kg/ha		25500	Pods/plant Plant height Yield BC ratio	Dr.A.Anuradha Dr.C.Kavitha

04	Cotton	ICM on SVPR 4 cotton under summer irrigated areas of Ramanathapuram district	5	5	Seed @ 15 kg / ha @ Rs. 90 per kg : Rs.1350 Pheromone trap @12/ha- 360 Heli lure@12X3times-1080 Trichogramma chilonis @ 5 cc/ha X 3 times -600/-	16950	Plat height Bolls/plant Yield BC Ratio	Dr.P.Thukkaiyannan Dr.C.Vijayaraghavan
05	Banana	Integrated crop management in Banana	5	1	Urea@615kg/ha-3690 Super@500kg/ha-3000 Potash@1240kg/ha- 7440 Banana Special @ 6 kg /ha-660	14790	Bunch weight Yield BC Ratio	Dr.A.Anuradha Dr.C.Kavitha
06	Water melon	Integrated crop management in watermelon	10	2 ha	Seed cost MHW 6 @ 1kg/ha - 5600 Urea @ 120 kg/ha - 2400 Super phosphate @ 345 kg/ha- 2070 Muriate of potash @ 90 kg/ha - 540 Ethrel @ 100 ml /ha (250 ppm – 4 times)- 200 Vegetable special @ 1.5 kg/ha 3 sprays- 300	22820	Yield BC Ratio	Dr.C.Kavitha Dr.A.Anuradha
07	Chilli	Integrated crop management in chilli	10	5ha	Trichogramma viridie @4gm/kg-100 Pheromone traps @12/ha-600 Spodoptera lure@12X3/ha-600 Trichogramma chilonis -400 @2.5 cc/ha X 4 times(30 DAT	15500	% leaf & fruit damage Yield BC Ratio	Dr.C.Vijayaraghavan Dr.P.Thukkaiyannan Dr. C.Kavitha

					onwards weekly intervals) NSKE5% @2 times-500 Poison bait carbaryl @1.25kg/ha-700 Rice bran @1.25kg/ha-100 jaggry @1.25kg/ha-100			
08	Poultry	Introduction of dual breed chick-Rhodo white chick	25 farmers with each 10 chicks	250	250 chicks @ Rs.50 per chick	12500		Dr.G.Anand Dr.C.Vijayaraghavan
09	Fish	Insulated Fish Cabinet for hygienic sale of fish	2	-	Insulated Fish Display Cabinet	4000	Self life % of fish decay	Dr.V.Meenakshi Dr.V.Ganesaraja
10	Green fodder	Popularisation of CN-4 grass through PPP model	2	2	CN-4 grass slips @40,000 slips/ha Cost per slip 0.65 paise	52000		Dr.G.Anand Dr.P.Thukkaiyannan

No. of Technologies to be demonstrated : 10

No.of Frontline Demonstrations (farmers) : 75

Total budget requirement in Rs.1,93,560/-

III. Summary of targets proposed during 2012-13

S. No	Particulars of intervention	Particulars
01	On farm trial assessment	
	No. of Technologies	6
	No. of Trials	35
	On Farm trial refinement	
	No. of Technologies	-
	No. of Trials	-
02	Front line demonstrations	
	Crops	
	No. of Technologies	8
	No. of Demonstrations	48
	Livestock, poultry and fisheries	
	No. of Technologies	2
	No. of Demonstrations	27
	Other Enterprises	
	No. of Technologies	-
	No. of Demonstrations	-
03	Training Programmes	
	Farmers and farm women	
	No. of Courses	40

	No. of farmers	1200
	Extension personnel	
	No. of Courses	9
	No. of farmers	180
	Vocational Programmes	
	No. of Courses	16
	No. of farmers	400
04	Extension Programmes	
	Number of programmes	20
05	Production and supply of seeds, planting materials, livestock & bio-products	
	Seeds (Qtl.)	
	Planting materials (Number) vegetable seedlings	200000
	CN grass slips	100000
	Livestock (Number) -	
	Bio-products (Number / Quantity in quintals.) vermicompost	10 t
06	Diagnostic services	
	Soil samples (Number)	100
	Water samples (Number)	200
	Plant samples (Number)	-
07	Title of technology modules to be prepared in e-linkage	Vermicomposting technology
08	Title of Farmers Field School	ICM in Groundnut

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	Soil samples (Number)	100
	Water samples (Number)	200
	Plant samples (Number)	-
10	Title of technology modules to be prepared in e-linkage	Vermicomposting technology
11	Title of Farmers Field School	ICM in Groundnut

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