

ANNUAL REPORT 2012-13

(FOR THE PERIOD APRIL 2012 TO MARCH 2013)

KRISHI VIGYAN KENDRA (RAMANATHAPURAM)

PART I - GENERAL INFORMATION ABOUT THE KVK**1.1. Name and address of KVK with phone, fax and e-mail**

KVK Address	Telephone		E mail	Web Address
	Office	Fax		
Krishi Vigyan Kendra Collectorate Complex Ramanathapuram Pin Code : 623 503 Tamil Nadu	04567-230250	04567-230250	arsramnad@tnau.ac.in	www.kvkramnad.org

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail	Web Address
	Office	Fax		
Tamil Nadu Agricultural University, Coimbatore - 641 003	0422-6611233	0422-6611433	dee@tnau.ac.in	www.tnau.ac.in

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.V.Ganesaraja, Ph.D.,	27, Perumal Koil South Mada Street Madurai-625 001	94439 55444	ganesh.vraja@yahoo.co.in vetriganesh.raja@gmail.com

1.4. Year of sanction: April-2004

1.5. Staff Position (as 31st March 2013)

Sl. No	Sanctioned post	Name of the incumbent	Designation	M /F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay +GP	Date of joining KVK	Permanent /Temporary	Category (SC/ST OBC/ Others)
1	Programme Coordinator	Dr.V.Ganesaraja	Professor	M	Agronomy	M.Sc (Agri) Ph.D.,	37400-67000+ GP 10000	68970	02.03.2011	Permanent	OBC
2	Horticulture	Dr.P.Thukkaiyannan	Assistant Professor	M	Agronomy	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	30.12.2009	Permanent	SC
3	Agro Forestry/ Pl.Bd. Seed Sci & Tech	Dr.A.Anuradha	Assistant Professor	F	SS&AC	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	30.12.2009	Permanent	OBC
4	Agri. Engineering	Dr.C.Kavitha	Assistant Professor	F	Horticulture	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	30.12.2009	Permanent	OBC
5	Pl. Protection (Ag.Ento/Pl.Path)	Dr.C.Vijayaraghavan	Assistant Professor	M	Agri. Entomology	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	31.12.2009	Permanent	SC
6	Home Science	Dr.V.Meenakshi	Assistant Professor	F	Home Science	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	13.01.2010	Permanent	OBC
7	Agronomy/Ag.Extn.	Dr.G.Anand	Assistant Professor	M	Agri. Extension	M.Sc (Agri) Ph.D.,	15600 - 39100 + GP6000	26370	01.02.2010	Permanent	SC
8	Prog-Asst (Lab Tech.)/T-4	Th..C.Karunaithasan	Programme Assistant(Tech)	M	Agronomy	M.Sc., (Agri)	9300-34800+ GP4400	14110	25.02.2011	Permanent	OBC
9	Prog Asst (Comp)/ T-4	Tmt.G.Namagirilakshmi	Programme Assistant(Comp)	F	Computer Science	B.Sc., (Comp.Sci)	10230-34800 + GP4400	16480	10.12.2008	Permanent	Others
10	Programme Assistant/ FarmManager	Tmt. M. Jeyenthimala	Farm Manager	F	Agriculture	B.Sc., (Agri)	10230-34800 + GP4400	16980	06.06.2007	Permanent	SC
11	Assistant	Tmt. C.Anitha	Superintendent	F	-		9300 – 34800 + GP4800	16390	19.11.2010	Permanent	SC
12	Jr. Stenographer	Th. N. Gunaseelan	Typist	M	-		5200-20200 + GP2400	10230	22.10.2007	Permanent	OBC
13	Driver	Th. A.Paulraj	Driver	M	-	-	5200-20200 + GP2400	9700	01.07.2010	Permanent	SC
14	Driver	Th.S.Raja	Supervisor	M	-	-	9300 – 34800 + GP4200	17090	21.11.2012	Permanent	SC
15	Supporting staff	Tmt. K.Rukkumani	MTSP	F	-	-	2500-5000 + GP500	3290	16.09.2010	Permanent	SC
16	Supporting staff	Tmt. T.Dhanavalli	MTSP	F	-	-	2500-5000 + GP500	3290	16.09.2010	Permanent	SC

1.6. Total land with KVK (in ha) : 16.80 ha

S. No.	Item	Area (ha)
1	Under Buildings	0.60
2.	Under Demonstration Units	0.40
3.	Under Crops	3.60
4.	Orchard/Agro-forestry	0.20
5.	Others	1.60
6.	ARS, Paramakudi	10.40
Total		16.80

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1	Administrative Building	ICAR - KVK	-	-	-	July '2013	550 m ²	2 nd floor completed and plastering work is under progress
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters	-	-	-	-	-	-	-
4.	Demonstration Units	ICAR – KVK	31.03.05	2153	1.87 lakhs			
	1. Goat Shed	ICAR – KVK	31.03.12	24 m ²	8.00 Lakhs	-	-	-
	2. Mushroom Production demo units and Food Processing Unit	ICAR – KVK	31.03.12	26m ²		-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep - Bolero-LX	2004	4,96,711/-	1,28090 Km	Running Condition Not fit for longtrip.
Two Wheeler - Hero Honda CD Deluxe	2006	38,003/-	32954 Km	In Good Condition
Two Wheeler - Hero Honda Super Splendor	2009	49,987/-	24190 Km	In Good Condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
-	-	-	-

1.8. Details SAC meeting conducted in 2012-13

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1	-	-	-	-	-

PART II - DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Rainfed Rice

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1.	Southern zone	Erratic distribution of monsoon rains

S. No	Agro ecological situation	Characteristics
1.	Ramanathapuram district is situated on the south - eastern coast of the Indian peninsular between 11° & 12° N latitude and 77° 28' & 78° 50' E longitude. Ramanathapuram occupies a total geographic area of 4, 68,957 ha with eleven blocks in seven taluks. This district comprises a population of 2, 60,365 and 8, 75,522 of urban and rural population, respectively	Coastal climate

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Clay soil	Fine texture, high water holding capacity with water logging	182463
2.	Coastal alluvial soil	Saline	71357
3.	Sandy loam soil	Moderately well drained soil	63602
4.	Alluvial soil	High fertility	43769
5.	Sandy clay soil	Ideal texture	22138
6.	Red soil	High iron and alumina	18390
7.	Sandy soil	Coarse texture, low fertility	7328
Total			408957

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
1.	Paddy	128000	327859	2552
2.	Millets			
	Cholam	2117	1825	862
	Cumbu	889	998	1123
	Ragi	1448	1927	1331
	Minor millets	404	181	448
	Total Millets	4858	4571	941
3.	Pulses			

	Blackgram	2741	0.0075	275
	Greengram	181	0.0005	250
	Cowpea	727	0.0018	250
	Horsegram	469	0.0011	240
4.	Oil Seeds			
	Groundnut	6112	5409	88.5
	Gingelly	1636	661	404
	Sunflower	145	51	351
5.	Sugarcane	231	28644	124
6.	Cotton	2733	6559	2.40 (Bales)
7.	Coconut	7942	1112 lakh nuts	14000
8.	Chillies	16292	13164	808
9.	Coriander	1748	443	254

* Please provide latest data from authorized sources. Statistics annual report 2009-10

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum	Minimum	
Apr-2012	2	34.75	26.38	63.16
May -2012	0	35.83	27.73	66.22
June- 2012	0	35.4	27.0	55.74
July-2012	1.5	35.64	26.26	55.60
Aug -2012	3	34.87	26.35	55.66
Sep-2012	12	33.59	25.63	66.88
Oct-2012	306.5	31.70	25.50	74.69
Nov-2012	85.5	28.07	23.58	70.55
Dec-2012	73.5	27.73	22.84	57.41
Jan-2013	51.5	28.77	22.39	9.30
Feb -2013	94	29.75	23.07	9.50
March-2013	35	21.83	16.40	7.50
Total&Average	55.38	31.49	24.42	49.35

* Please provide latest data from authorized sources. Please quote the source

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle - Crossbred	58007	-	-
<i>Indigenous</i>	72888	-	-
Buffalo	3468	-	-
Sheep- Indigenous	245334	-	-
Goats	236786	-	-
Pigs - Indigenous	2821	-	-
Rabbits	412	-	-
Poultry - Desi	335526	-	-
Ducks	415	-	-
Turkey and others	1311	-	-
Category	Area	Production	Productivity
<i>Marine</i>	236.80 km	72281.88 tones	-
<i>Inland</i>	-	7703.410 tones	-

* Please provide latest data from authorized sources. Please quote the source

2.7 District profile has been **Updated** for 2012-13 Yes / No: No

2.8 Details of Operational area / Villages

Sl.No	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprise	Major problem identified	Identified Thrust Areas
1	Ramanathapuram	Ramanathapuram	Muthnal Chinnaagrimesi Achudanvayal	Since inception	Paddy Chilli	Salinity and sodicity Low yield Blast incidence Non availability of saline tolerant variety Lack of knowledge on cultivation techniques	Management of problematic soils, Nutrient management for Groundnut OFT – Animal nutrition FLD – poultry production Integrated Crop Management IFS
		Thirupullani	Thirupullani Kovilansathan Ariyankottai Melamadai Alagankulam Keelakarai Thenaikulam Perungkulam Periyapattinam	From 2010 onwards	Chilli Groundnut Coconut Livestock	Low income Lack of knowledge on new technology Poor green fodder availability Poor milk yield Sustainable income	

2	Tiruvadanai	R.S.Mangalam	Pichanakottai Nokkenkottai V.Paramakudi Solanthur	From 2010 onwards	Rice Banana Groundnut	Pest problem Low bunch weight , fruit cracking and uneven filling of hands leads to low yield Low yield due to nutrient deficiency Low yield Low soil fertility	Pest Incidence Nutrient management for Banana & Groundnut IFS
3	Rameswaram	Rameswaram	Therkkuvaniveethy Manadapam Akkamadam	5 years	Groundnut Fish	Low soil fertility 20% loss of fish- in open sale in sandy	Integrated Crop Management Insulated Fish Display Cabinet
		Mandapam	MPK Valasai Pudhu madam Ramanavalasai	1 year	Coconut Moringa	Low yield	Varietal introduction
		Mandapam	Thangachimadam, Meenavarcolony, Pudhumadam	2 years	Fisheries, coconut, livestock	Low returns from desi poultry birds	FLD-Poultry production
4	Paramakudi	Paramakudi	Periyapaattinam, Valantheravai, Paramakudi	2 years	Paddy, chilly, livestock	Poor green fodder availability	FLD-Fodder enhancement
		Bogalur	A.Puthur	2 years	Cotton	Stress management	OFT – Cotton

2.9 Priority thrust areas

S. No	Thrust areas
1	Popularisation of high yielding drought tolerant variety
2	Oil seed HYV
3	Management of salt affected soils
4	Integrated Nutrient Management
5	Foliar spraying of nutrient solution and introducing high yielding varieties
6	Farm ponds for rain water harvesting
7	Recycling of farm waste
8	Pest incidence
9	Integrated crop management practices for Rice, Chilli, Groundnut
10	High yielding variety / Hybrid introduction
11	Green fodder production
12	Poultry production enhancement
13	Animal nutrition management

PART III - TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
6	6	96	96	10	10	73	73

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
56	56	1366	1366	133	133	1241	1241

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
Rice RMD(R)1-800 kg	Rice RMD(R)1-800 kg	Chilli seedlings-25000nos	25000 nos
ADT -45 – 345 kg	ADT -45 – 345 kg	Cumbunapierslips-2100 slips	2100 slips

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
-	-	Vermicompost - 2774	2774 kg

3.B1. Abstract of interventions undertaken based on thrust areas identified for the district as given in Sl.No.2.7

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions												
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products			
													No.	Kg		
1	Micronutrient management	Banana	Low bunch weight Uneven filling of hands	-	ICM in Banana	1	-	-	-	-	-	-	-	-	-	-
2	Problem soil management	Rice	Salinity And sodicity of soil Use of saline water for irrigation	Assessment of composite package for sodic soils in Rice	-	2	-	-	-	-	Try 3-75 kg	-	-	-	-	-
3	Nutrient management	Groundnut	Nutrient deficiency Low yield	-	Integrated Crop Management in Groundnut	2	-	-	-	-	Ground nut seed (CO 6)-240 kg	-	-	-	-	-
4	Assessment of flower productivity during off season	Jasmine	Low price during on season and thereby low income	Assessment of flower productivity during off season in Jasmine in Ramanathapuram district	-	3	-	-	5	-	-	-	-	-	-	-
5	Integrated crop management	Watermelon	-	-	Integrated crop management in watermelon	2	-	-	4	MHW seeds – 2 kg	-	-	-	-	-	-
6	Terminal stress	Cotton	Terminal stress	Assessment of stress management in summer irrigated cotton (SVPR 2)	-	-	-	-	-	-	Cotton seed @ 0.75	-	-	PPFM @	5 lit	-
7	Pest incidence	Rice	Leaf folder incidence	-	Integrated crop management rice	1	-	-	-	-	-	-	-	-	-	-
8	Pest incidence	Chilli	Fruit borer incidence	-	Integrated crop management in chilli	5	-	-	-	-	-	-	-	Trichogramma viridie	5	-

9	Varietal Assessment	Annual Moringa	Low yield Low income from local cultivars	Assessment of Varietal Performance of Annual Moringa	-	-	-	-	2	Annual Moringa seeds 1.Bhagya seeds - 3 kg(500g/farmer for 6 nos) 2.PKM-1 = 3 kg (500g/farmer for 6 nos)	-	-	-	-
10	Value addition	Fish	Un hygienic marketing of fish Losses due to improper handling	-	Popularization of Insulated Fish Display cabinet	1	-	-	5	-	Insulated Fish Display Cabinet -2 nos	-	-	-
11	IFS	IFS	Low income Low soil fertility	-	Integrated Farming System	-	-	-	5	Annual Moringa seeds - 1 kg(500 g/farmer)	Silpaulin vermi bag – 2 nos	Namakkal chicks – 50 nos Composite fingerlings – 4500 nos	-	-
12	Green fodder production	Green Fodder	Lack of availability of green fodder	-	PPP model for Green fodder (CN-4) grass	-	-	1	-	-	Green fodder slips (CN-4) - 1,60,000 slips	-	-	-
13	Poultry production enhancement	Poultry	Poor economic returns from desi poultry birds	-	Popularization of dual breed Rhodowhite chicks	4	-	-	Farm day – 1	-	-	Rhodowhite chicks -600 chicks	-	-

14	Animal nutrition management	Animal nutrition	Low milk yield	Assessment of TANUVAS GRAND supplement	-	3	-	-	Trial animal inspection - 6 nos Demonstration- 3 nos	-	Supply of TANUVAS GRAND supplement @ 20 ml/animal/day for 30 days for 60 animals (36 lits.	-	-	-
15	IFS	Annual Moringa	Sustainable income	-	Model IFS unit for rainfed ecosystem	-	-	-	-	PKM-1 seeds for 1 ha	-	-	-	-
		CN-4 grass slips		-		-	-	-	40,000 CN-4 slips	-	-	-		
		Composite fish culture		-		-	-	-	4000 fingerlings	-	-	-		
		Vermi composting		--		-	-	-	2 nos of silpalin bags	-	-	-		

10	Integrated crop management rice	TNAU	Rice	-	1	2	Demo- 3	-	-	-	-	10	11	2	2	26	17	9	3	-	-	-	-
11	Integrated crop management in chilli	TNAU	Chilli	-	1	5	Demo-3	-	-	-	-	-	-	4	15	17	17	32	54	-	-	-	-
12	Varietal performance of Annual Moringa	TNAU	Annual Moringa	1	-	1	-	6	-	-	-	2	-	-	-	7	164	18	14	-	-	-	-
13	Post Harvest management of Fish	CIFT , Visakhapatnam	Fish	-	1	-	Demo -2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
14	-	-	IFS	-	1	-	Demo -2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	PPP model for Green fodder (CN-4) grass	TNAU	Green fodder	-	1	1	-	-	-	-	-	-	-	-	-	14	6	-	-	-	-	-	-
16	Popularization of dual breed Rhodowhite chicks	TANUVAS	Poultry	-	1	4	Farm day – 1	-	-	-	-	-	-	-	-	11	7	35	37	-	-	-	-
17	Assessment of TANUVAS GRAND supplement	TANUVAS	Dairy	1	-	3	Trial animal inspection - 6 Demo- 3	-	-	-	-	-	-	-	-	16	9	-	-	-	-	-	-

PART IV - On Farm Trial

4.A1. Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	-	-	-	-	-	1	-	-	-	1
Integrated Crop Management	-	-	-	-	-	-	1	-	-	1
Varietal Evaluation	1	-	-	-	1	-	-	-	-	2
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	1	-	-	-	-	-	1
Total	1	-	-	1	1	1	1	-	-	6

4.A2. Abstract on the number of technologies refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
-	-	-	-	-	-	-	-	-	-	-

4.A3. Abstract on the number of technologies assessed in respect of livestock enterprises

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Production and Management	1	-	-	-	-	1
TOTAL	1	-	-	-	-	1

4.A4. Abstract on the number of technologies refined in respect of livestock enterprises

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
-	-	-	-	-	-	-

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Integrated Crop Management	Jasmine	Assessment of flower productivity during offseason in Jasmine in Ramanathapuram district	5	5	0.2
Varietal Evaluation	Annual Moringa	Performance of Bhagya and PKM-1	5	6	2
	Rice	Assessment of high yielding rice varieties in rainfed eco system	5	5	0.6
Resource Conservation Technology	Paddy	Assessment of composite package for sodic soils in Rice	5	5	1
	Cotton	Assessment of stress management in summer irrigated cotton (SVPR 2)	5	15	5
Total	5	-	25	36	8.8

4.B.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
-	-	-	-	-	-

4.B.3. Technologies assessed under Livestock and other enterprises

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Production and management	Dairy cows	Assessment of TANUVAS GRAND supplement in cross bred dairy cows	60	60
Total			60	60

4.B.4. Technologies Refined under Livestock and other enterprises

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
-	-	-	-	-

4.C1. Results of Technologies Assessed

On Farm Trial : 1

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Rice	Semi dry	Identification of suitable Drought tolerant rice variety for Ramanathapuram district	Assessment of high yielding rice varieties for rainfed eco system	5	TO-1 (Farmer's practice) – Chithiraikar rice variety (Local) TO 2 - PMK (R) 4 Rice variety (Anna4) TO-3 - TRY (R) 3 variety	Growth and yield parameter	Plant height, No of tillers, Panicle length and yield	TO-2 - Anna 4 Rice variety performed well	Anna 4 Rice variety performed well in drought situation and tolerate stress during all stages and yields better	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / ha	BC Ratio
13	14	15	16	17	18
TO-1 (Farmer's practice) – Chithiraikar rice variety (Local)	-	2854	Kg/ha	14242	1.7
TO 2 - PMK (R) 4 Rice variety (Anna4)	TNAU	4160	Kg/ha	29920	2.5
TO-3 - TRY (R) 3 variety	TNAU	3549	Kg/ha	22588	2.1

On Farm Trial : 2

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Rice	Rainfed/ Supplemental irrigation	Salinity and sodicity of soil Use of saline water for irrigation	Assessment of composite package for sodic soils in Rice	5	TO 1 – Farmers practice TO 2 – Seed (Kuzhiadeechan/Chandigar @75kg/ha+ Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha +Zincsulphate25kg/ha+Ferrous sulphate 50kg/ha TO 3 – Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha	1. Plant height 2.No.of tillers/hill 3. Panicle length 4. Yield/ha 5. B:C ratio

Contd...

Technology Options	Data on the parameter			
	8			
	Bunch weight	Number of hands/bunch	Number of fruits / hand	Yield (kg/ha)
TO 1 – Farmers practice	90.2	15	22.1	2781
TO 2 – Seed (Kuzhiadeechan/Chandigar @75kg/ha+ Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha +Zincsulphate25kg/ha+Ferrous sulphate 50kg/ha	94.8	18	23.9	3721
TO 3 – Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha	105.4	21	24.7	4146

Contd...

Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
9	10	11	12
TO 3 – Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha	Most of the farmers willing to use TRY 3	-	-

Cond

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO 1 – Farmers practice	-	2781	Kg/ha	3935	1.17
TO 2 – Seed (Kuzhiadeechan/Chandigar @75kg/ha+ Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha +Zincsulphate25kg/ha+Ferrous sulphate 50kg/ha	TNAU, Coimbatore	3721	Kg/ha	7338	1.25
TO 3 – Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha	TNAU, Coimbatore	4146	Kg/ha	10630	1.35

On Farm Trial: 3

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Cotton	Rainfed/supplemental irrigation	Terminal stress	Assessment of stress management in summer irrigated cotton (SVPR 2)	16	TO- 1 (Farmer's practice)	Plant height, No.of bolls		Crop is in boll formation stage	-	-	-
					TO-2 Planting rainfed cotton in tide ridges + Foliar spray of KCL 1% at 50 and 70 DAS	Plant height, No.of bolls					
					TO-3 Planting rainfed cotton in tide ridges + Foliar spray of PPFM 1 % 60 and 80 DAS	Plant height, No.of bolls					

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO- 1 (Farmer's practice)			Kg		
TO- 2 -Planting rainfed cotton in tide ridges + Foliar spray of KCL 1% at 50 and 70 DAS	TNAU		Kg		
TO-3-Planting rainfed cotton in tide ridges + Foliar spray of PPFM 1 % 60 and 80 DAS	-		kg		

On Farm Trial :4

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trial s	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refin eme nt need ed	Justificatio n for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Jasmine	Rainfed	Low price during on season and thereby low income	Assessment of flower productivity during off season in Jasmine in Ramanathapura m district	5	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 +Nitrobenzene300 ppm (@ monthly interval after pruning for 6 months)+ Fertilizer application (75% of Recommended dose)	Yield/ha B:C ratio	T1-1543.1 kg/ha T2 – 2090.45kg/ha T3 – 2568.2 kg/ha	T1-1543.1 kg/ha B:C -2.09 T2 – 2090.45 kg/ha B:C -2.32 T3 – 2568.2 kg/ha B:C -2.48	-	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO- 1 - Pruning during last week of November + Fertilizer application (Recommended dose*) (Farmers practice)	-	1543.1	kg/ha	2,36,838/-	2.01
TO- 2- Pruning during last week of September + Fertilizer application (Recommended dose*)	IIHR, 2009	2090.45	kg/ha	3,97,528/-	2.30
TO- 3- 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)	TNAU, 2011	2568.2	kg/ha	5,16,263/-	2.46

On Farm Trial :5

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Annual Moringa	Rainfed	Low yield	Assessment of Varietal Performance of Annual Moringa	5	Bhagya And PKM-1	Yield B:C No. of pods /plant	-	The crop is at flowering stage	-	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO-1 – Farmer's practice	The crop is at flowering stage	-	-	-	-
TO-2 – Bhagya					
TO-3- PKM 1					

On Farm Trial: 6

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Dairy	Rainfed	Infertility & low milk yield	Assessment of TANU - VAS GRAND supplement in cross bred dairy cows	10	TANUVAS GRAND	Milk yield	-	Annexure-1(a)	-	No	NA

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO- 1 (Farmer's practice)	Traditional	6.5	lit/animal/day	-	-
TO- 2	TNAUVAS	6.9	lit/animal/day	-	-

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

On Farm Trial -1

1	Title of Technology Assessed	:	Assessment of high yielding rice varieties for rainfed eco system.
2	Problem Definition	:	For semi dry rice cultivation the farmers are using drought resistant low yield local varieties or other varieties not recommended for drought resistant/tolerant.
3	Details of technologies selected for assessment	:	Assessing the recommended drought resistant rice varieties viz., PMK (R) 4 (Anna 4) and TRY (R) 3 compared with local variety Chithiraikar.
4	Source of technology	:	TNAU
5	Production system and thematic area	:	Rainfed (Semi dry) system
6	Performance of the Technology with performance indicators	:	TO-2 - PMK (R) 4 i.e. Anna 4 rice variety performed well followed by TRY (R) 3 than the local Chithiraikar variety. The growth parameters like plant height, number of tillers and panicle length as well as the yield is higher in PMK (R) 4 rice variety
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Performance of PMK (R) 4 rice variety is better than the local variety. The farmers are needed with PMK (R) 4 rice variety in their block level. Seed production of PMK (R) 4 rice variety is to be increased.
8	Final recommendation for micro level situation	:	For rainfed and semidry situation, cultivation of PMK (R) 4 rice variety give better yield and returns
9	Constraints identified and feedback for research	:	Nil
10	Process of farmers participation and their reaction	:	Farmers are actively participated in adoption of PMK (R) 4 rice variety. They need seed production in PMK (R) 4 rice variety.

On Farm Trial -2

1	Title of the technology assessed	:	Assessment of composite package for sodic soils in Rice
2	Problem definition Zone	:	Salinity and sodicity of soil Use of saline water for irrigation Low yield
3	Details of technologies for assessment Production System	:	TO 1 – Farmers practice TO 2 – Seed (Kuzhiadeechan/Chandigar @75kg/ha+ Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha +Zincsulphate25kg/ha+Ferrous sulphate 50kg/ha TO 3 – Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha
4	Source of technology	:	Tamil Nadu Agricultural University (TNAU),
5	Production system and thematic area		Rainfed / Supplemental irrigation and Micronutrient management
6	Performance of the Technology with Performance indicators	:	1.Yield (kg/ha) – 4146 2.BC ratio -1.35
7	Feedback, matrix scoring of various technologies	:	Farmers are interested to use TRY 3 seeds because it increase the yield.
8	Final recommendation for micro level situation	:	Seed (TRY 3)@ 75 kg/ha + Vermicompost @ 1 t/ha +Gypsum 1ton/ha + Daincha seeds@ 60kg/ha + Zinc sulphate 25 kg/ha+Ferrous sulphate 50kg/ha
9	Constraints identified and feedback for research	:	Nil
10	Process of farmers participation and their reaction	:	Farmers are interested to use TRY 3 seeds and satisfied with their yield

On Farm Trial -3

1	Title of the technology assessed	:	Assessment of stress management in summer irrigated cotton (SVPR 2)
2	Problem definition Zone	:	Stress Management
3	Details of technologies for assessment Production System	:	Technology option 1 (Farmer's practice) Technology option 2 - Planting rainfed cotton in tide ridges + Foliar spray of KCL 1% at 50 and 70 DAS Technology option 3- Planting rainfed cotton in tide ridges + Foliar spray of PPFM 1 % 60 and 80 DAS
4	Source of technology	:	TNAU
5	Production system and thematic area	:	Rainfed /supplemental irrigation
6	Performance of the Technology with Performance indicators	:	Crop is in boll formation stage
7	Feedback, matrix scoring of various technologies	:	-
8	Final recommendation for micro level situation	:	-
9	Constraints identified and feedback for research	:	-
10	Process of farmers participation and their reaction	:	-

On Farm Trial -4

1	Title of Technology Assessed	Assessment of flower productivity during off season in Jasmine in Ramanathapuram district
2	Problem Definition	Low price during on season and thereby low income
3	Details of technologies selected for assessment	TO-1 - Pruning during last week of November + Fertilizer application (Recommended dose*) (Farmers practice) TO- 2- Pruning during last week of September + Fertilizer application (Recommended dose*) TO- 3- 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)
4	Source of technology	TO-1 – Farmers practice TO-2 – IIHR, 2009 TO-3 – TNAU, 2011
5	Production system and thematic area	Rainfed
6	Performance of the Technology with performance indicators	TO-3 -Flower productivity in jasmine by pruning during September and November months were assessed in the farmers fields. Technological option 3 <i>ie.</i> , 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) performed better than other technological options. Flower yield of 2540kg/ha was recorded under T3.
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Technological option 3 <i>ie.</i> , 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) performed well in farmers field. Yield increase of 41.2% over farmers practice and BC ratio of 2.48 was recorded.
8	Final recommendation for micro level situation	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) is suitable to Jasmine farmers of Ramanathapuram district.
9	Constraints identified and feedback for research	Nil
10	Process of farmers participation and their reaction	Farmers are highly satisfied with the performance of the technology. They are willing to adopt this technology in larger areas

On Farm Trial -5

1	Title of Technology Assessed	Assessment of Varietal Performance of Annual Moringa
2	Problem Definition	Low yield , Low income
3	Details of technologies selected for assessment	Bhagya and PKM-1 variety are assessed for yield
4	Source of technology	TNAU
5	Production system and thematic area	Rainfed & Varietal assessment
6	Performance of the Technology with performance indicators	The crop is in flowering stage
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	-
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	-
10	Process of farmers participation and their reaction	-

On Farm Trial -6

1	Title of Technology Assessed	Assessment of TANUVAS GRAND supplement
2	Problem Definition	Low milk yield
3	Details of technologies selected for assessment	T-1: Farmers practice T-2 : TANUVAS GRAND supplementation
4	Source of technology	TANUVAS
5	Production system and thematic area	Rainfed & Animal nutrition
6	Performance of the Technology with performance indicators	Good, Milk yield/animal/day
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Farmers were satisfied with the results
8	Final recommendation for micro level situation	T-2 can be recommended for large scale adoption
9	Constraints identified and feedback for research	Nil
10	Process of farmers participation and their reaction	Farmers involved themselves for this conduct of trial so as to get anticipated results. The increase in milk yield motivated peer dairy farmers of the same village.

4.D1. Results of Technologies Refined - NIL

Results of On Farm Trial

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology refined	Parameters of refined t	Data on the parameter	Results of refinement	Feedback from the farmer	Details of refinement done
1	2	3	4	5	6	7	8	9	10	11
-	-	-	-	-	-	-	-	-	-	-

Contd..

Technology Refined	Source of Technology for Technology Option1 / Justification for modification of assessed Technology Option 1	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
12	13	14	15	16	17
Technology Option 1 (best performing Technology Option in assessment)	-	-	-	-	-
Technology Option 2 (Modification over Technology Option 1)	-	-	-	-	-
Technology Option 3 (Another Modification over Technology Option 1)	-	-	-	-	-

4.D.2. Details of each On Farm Trial for refinement to be furnished in the following format separately as per the following details: Nil

1. Title of Technology refined
2. Problem Definition
3. Details of technologies selected for refinement
4. Source of technology
5. Production system and thematic area
6. Performance of the Technology with performance indicators
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
8. Final recommendation for micro level situation
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2012-13

Sl. No	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	Oilseeds	Rainfed	Rabi 2012-2013	Groundnut	CO 6		Nutrient management	Integrated crop management in groundnut	2	2	-	5	5	-
2	Ornamental-Fruits	Irrigated	2012-2013	Banana	Nattu		Nutrient management	Integrated crop management in Banana	1	1	-	5	5	-
3	Cereals	Rainfed	October 2012	Rice	BPT 5204	-	Pest incidence	Integrated crop management rice	10	10	4	21	25	-
		Wetland	Late <i>rabi</i> (Karthigai pattam) 2012-13	Rice	BPT 5204	Variety	Mechanization in rice cultivation	Machine planting, mechanized weeding and machine harvest	1	2	1	-	1	--
4	Vegetables	Rainfed	Rabi 2012	Watermelon	-	MHW 6	ICM practices	ICM in watermelon	2	2	2	8	10	-
5	Spices and condiments	Rain fed	October 2012	Chilli	Mundu	-	Pest incidence	Integrated crop management rice	5	5	19	-	19	-
6	Commercial	Summer	Rabi 2012-13	Cotton	SVP R 4	Variety	ICM under cotton in summer irrigated areas of ramanatha puram district	Introduction of new variety suitable for summer irrigated situation and ICM package is adopted	5	5	10	5	15	--

7	Fodder	Rainfed	Rabi 2012	Green fodder	-	CN-4	Production enhancement	Fodder slips	4	4	1	4	5	Shortage in anticipated and expected rainfall
8	Poultry	Rainfed	Rabi 2012	Dualbred chicks	-	Rodho white	Production enhancement	Day old chicks	-	-	7	23	30	No shortfall
9	Others-Integrated farming system	Rainfed	2012-13	Annual Moringa Namakkal Chicks	PKM -1	-	IFS	Back yard poultry	25	25	-	2	2	-
				Composite fish culture				Vermi composting	4500	4500				
								Varietal introduction of Annual Moringa	1 unit (1.5 ton capacity)	1 unit (1.5 ton capacity)				
		Rainfed	2012-13	Annual Moringa	PKM 1	-	IFS	Varietal introduction of Annual Moringa	1 ac	1ac				
				Green fodder slips	-	CN-4		Varietal introduction of Annual Moringa	1	1	-	1	1	-
				Composite fish culture	Cuttla+ Rogu+ Mirgal	-		CN-4 grass slips	1	1				
				Silpaulin bag	-	-		Composite fish culture	4000 nos	4000 nos				
								Vermi composting	2units (1.5ton capacity)	2units (1.5ton capacity)				
10	Fish	-	2012-13	Fish – insulated Fish Display Cabinet	-	-	Post harvest techniques in fish	Insulated Fish Display Cabinet – 2 nos	2	2	-	2	2	-

5.A. 1. Soil fertility status of FLDs plots during 2012-13

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Status of soil			Previous crop grown
									N	P	K	
1	Oilseeds	Rainfed/Supplemental irrigation	Rabi 2012-2013	Groundnut	CO 6		Nutrient Management	Integrated crop management in groundnut	L	M	M	Groundnut
2	Cereals	Rainfed	October 2012	Rice	BPT 5204	-	Pest incidence	Integrated crop management rice	L	M	M	Rice
		Wetland	Lare rabi 2012-13	Rice	BPT 5204	Variety	Mechanization in rice cultivation	Machine planting, machine weeding and machine harvest	L	M	M	Rice
3	Fruits	Irrigated	Rabi 2012-2013	Banana	Nattu	-	Nutrient Management	Integrated crop management in Banana	L	M	M	Banana
4	Vegetable	Rainfed	Rabi 2012	watermelon	-	MHW 6	ICM practices	Integrated Crop Management in watermelon	L	L	M	Groundnut
5	Spices and condiment	Rain fed	October 2012	Chilli	Mundu	-	Pest incidence	Integrated crop management rice	L	M	M	Chilli
6	Commercial	Summer	Rabi 2012-13	Cotton	SVPR 4	Variety	ICM proactive in summer irrigated cotton	Summer irrigated new variety cotton SVPR 4 is introduced and ICM package is adopted	L	M	M	Rice

5.B. Results of Frontline Demonstrations

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
							Demo				Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds	Integrated crop management in groundnut	CO6	-	Rain fed	5	2	17.24	14.50	14.50	11.95	17.58	26725	63408	36683	2.37	24100	47792	23692	1.98
Cereals	Integrated crop management rice	Rice BPT5 204	-	Rainfed	25	10	33.20	26.50	28.65	22.36	21.95	20100	28656	8556	1.43	20100	22360	2260	1.11
Paddy	Mechanization in rice cultivation	BPT 5204	Variety	Wetland	1	2	73.2	64.1	67.9	49.1	38.3	23550	155250	131700	6.6	40150	109250	69100	2.7
Vegetable	Integrated Crop Management in watermelon		MHW 6	Rainfed	10	2	227.5	166.72	188.65	113.27	39.9	40096	125225	85129	3.12	28620	67962	39342	2.37
Fruits	Integrated crop management in banana	Nattu	-	Rainfed/Irrigated	5	2	48.85	45.44	47.03	43.17	8.21	104900	423274	318374	3.81	102130	388512	286382	4.04
Spices and condiments	Integrated crop management chilli	Mundu	-	Rainfed	19	5	6.10	4.80	5.09	4.30	14.00	26063	48173	22110	1.84	27900	38700	10800	1.38
Fibre crops like cotton	ICM on SVPR 4 cotton under summer irrigated areas	SVPR 4	Variety	Summer	5	5	Crop is at vegetative stage												

Integrated Farming system	Back yard Poultry Composite fish culture Varietal performance of Annual Moringa Verni Composting	Nama kkal chicks Composite fish culture PKM1 Silpa ulin vermi bag - 1.5 ton capacity	-	Rainfed	2	5	Establishment stage											
Integrated Farming system	Varietal performance of Annual Moringa CN-4 grass slips Composite fish culture Verni Composting	PKM1 -- Cuttla +Rog u+Mir gal -	CN4	Rainfed	1 1 1 1	-	Establishment stage											
Fodder	PPP model for green fodder CN-4	-	CN-4	Rainfed	5	4	-	-	-	-	-	-	-	-	-	-	-	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST, H – Highest Yield, L – Lowest Yield A – Average Yield

@ - Crop is at vegetative stage parameter and economics data will be given after crop harvest

Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/ diseases etc.)

Title of Demonstration	Data on other parameters in relation to technology demonstrated		
	Parameter with unit	Demo	Check
-	-	-	-

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit)				*Economics of check (Rs./unit)				
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Poultry	Dual breed chick	Rhodowhite	30	600	1.9	1.3	1.6	1.1	31	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Data on additional parameters other than yield (viz., reduction of percentage diseases, increase in conceiving rate, inter-calving period etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Check if any
Egg count	Under data collection	Under data collection

5.B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m ²)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m ²)				*Economics of check (Rs./unit) or (Rs./m ²)				
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

Data on additional parameters other than yield (viz., reduction of percentage diseases, effective use of land etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Check if any
1. -	-	-

5.B.4. Other enterprises

Enter prise	Name of the technology demonstrated	Vari ety/ speci es	No. of De mo	Uni ts/ Are a {m ² }	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m ²)				*Economics of check (Rs./unit) or (Rs./m ²)				
					Demo				Che ck if any	Gr oss Co st	Gro ss Ret urn	Net Ret urn	** B C R	Gr oss Co st	Gro ss Ret urn	Net Ret urn	** B C R
					H	L	A										
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

Data on additional parameters other than yield (viz., additional income realized, employment generation, quantum of farm resources recycled etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Local
-	-	-

5.B.5. Farm implements and machinery

Name of the imple ment	Cost of the imple ment in Rs.	Name of the technol ogy demons trated	No. of De mo	Are a cove red und er dem o in ha	Labour requirem ent in Mandays		% sa ve	Savi ngs in labo ur (Rs./ ha)	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
					De mo	Ch eck			Gr oss co st	Gro ss Ret urn	Net Ret urn	** B C R	Gr oss Co st	Gro ss Ret urn	Net Ret urn	** B C R	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Data on additional parameters other than labour saved (viz., reduction in drudgery, time etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Local
-	-	-

5.B.6. Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	2	50	Farmers were motivated towards the scientific crop production
2	Farmers Training	30	450	Farmers were actively involved in the trainings and were highly motivated towards scientific cultivation.
3	Media coverage	2	Mass	-
4	Training for extension functionaries	4	106	Extension functionaries were highly convinced about Recent plant protection techniques.
5	Field Visit	10	20	Farmers were motivated towards the scientific crop production
6	Demonstration	7	35	Farmers were motivated towards new technology demonstrated.
7	Others (Please specify)	-	-	-

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
					Demo				Che ck	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

H-High L-Low, A-Average, *Please ensure that the name of the hybrid is correct pertaining to the crop specified

PART VII. TRAINING

7.A.. Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	2	-	20	20	-	28	28	-	48	48
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	2	28	20	48	13	10	23	41	30	71
b) Fruits	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment										
Value addition	2	-	50	-	-	-	-	-	50	50
Women empowerment	1	-	-	-	-	22	22	-	22	22
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	1	-	16	16	-	2	2	-	18	18
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	8	28	106	84	13	62	75	41	168	209

7.B Training of Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production	1	6	-	6	12	7	19	18	7	25
Resource Conservation Technologies	1	-	-	-	6	19	25	6	19	25
Cropping system	1	5	-	5	11	9	20	16	9	25
Soil water conservation	1	7	-	7	8	10	18	15	10	25
Others (pl.specify) Foliar application of nutrients in Groundnut	1	21	1	22	-	3	3	21	4	25
Post harvest techniques in Ground nut	1	3	-	3	-	17	17	3	17	20
Dry Fodder preparation	1	4	3	7	18	-	18	22	3	25
Horticulture -										
a) Vegetable Crops										
b) Fruits	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) Post harvest management in Banana	1	-	8	8	-	12	12	-	20	20
c) Ornamental Plants others (pl.specify)	3	74	3	77	-	-	-	74	3	77
d) Plantation crops										
Production and Management technology	1	16	-	16	-	-	-	16	-	16
Others (pl.specify) Foliar application of nutrients in Banana	1	4	8	12	4	9	13	12	13	25
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management										
Production and use of organic inputs	3	15	46	61	4	-	4	19	46	65
Soil and water testing	1	-	--	-	15	14	29	15	14	29
Livestock Production and Management										
Dairy Management	2	-	-	-	24	28	52	24	28	52
Poultry Management	3	11	7	18	35	37	72	46	44	90
Animal Nutrition Management	1	16	9	25	-	-	-	16	9	25
Feed and Fodder technology	1	14	6	20	-	-	-	14	6	20

7.E. Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Integrated Pest Management	2	49	17	66	-	-	-	49	17	66
Productivity enhancement in field crops	1	6	14	20	-	-	-	6	14	20
Protected cultivation technology	1	19	1	20	-	-	-	19	1	20
Production and use of organic inputs	2	28	10	38	-	-	-	28	10	38
Livestock feed and fodder production	1	-	-	-	-	-	-	14	6	20
Any other (pl.specify) Demo on DSSIFER & Visual Diagnostic Kit	1	16	4	20	-	-	-	16	4	20
Total	8	118	46	164	0	0	0	132	52	184

7.F. Training programmes for Extension Personnel including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Women and Child care	1	-	20	20	-	-	-	-	20	20

7.G. Sponsored training programmes conducted

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
7	Post harvest technology and value addition										
7.a.	Processing and value addition	2	-	38	38	-	2	2	-	40	40
	Total	2	-	38	38	-	2	2	-	40	40

Details of sponsoring agencies involved

1. Mohammed Sathak Polytechnic, Ramanathapuram district.

7.H. Details of Vocational Training Programmes carried out by KVKs for rural youth

Sl. No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.c.	Commercial vegetable production	1	5	-	5	3	7	10	8	7	15
2	Post harvest technology and value addition										
2.a.	Value addition - Value added product preparation for self employment	1	-	28	28	-	-	-	-	28	28
3.	Livestock and fisheries										
3.c.	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
4.	Income generation activities										
4.a.	Vermi-composting	1	11	9	20	-	-	-	11	9	20
4.g.	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
4.h.	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-
5	Agricultural Extension										
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	3	16	37	53	3	7	10	19	44	63

PART VIII – EXTENSION ACTIVITIES**Extension Programmes (including extension activities undertaken in FLD programmes)**

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	2	16	11	27	18	32	50			
Group meetings	11	52	27	79	73	40	107	100	27	127
Method Demonstrations	22	49	142	191	35	2	37	39	12	51
Lectures delivered as resource persons	20	155	216	371	18	164	182	80	15	95
Newspaper coverage	23	Mass								
Radio talks	8	Mass								
Popular articles	9	Mass								
Extension Literature	4	Mass								
Advisory Services	39	Mass								
Scientific visit to farmers field	12	20	10	30	2	3	5	-	-	-
Farmers visit to KVK	3	100	15	115	-	-	-	5	-	5
Diagnostic visits	34	4	-	4	-	-	-	-	-	-
Exposure visits	3	-	-	-	20	-	20	20	-	20
Any Other - Uzhavar Peruvizha (Farmers festival)	21	200	450	650	-	-	-	30	15	45
Total	211	596	871	1467	166	241	401	274	69	343

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS**9.A. Production of seeds by the KVKs**

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Paddy	RMD(R)1	-	800 kg	6400	6
		ADT 45	-	345 kg	2760	5
Others (specify)	-	-	-	-	-	-
Total				1295 kg	7160	11

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Chilli Seedlings	Chilli	Mundu	-	25000	8750	50

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Agents	Vermicompost	2774	14142	40
Total	-	2774	14142	40

9.D. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
-	-	-	-	-

PART X – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND DROUGHT MITIGATION

10. A. Literature Developed/Published (with full title, author & reference)

A. KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.)

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	1. Sucesstory story of vermicompost farmer of Ramanathapuram district.	A.Anuratha ,V.Ganesaraja and C.Karunaidasan	1
	2. Nelili ottasathu Melanmai	A.Anuratha and V.Ganesaraja	1
	3. Kalar Nela Nil	A.Anuratha and V.Ganesaraja	1
Popular articles	1. Thullia paniyathili Melakay sagupadi published in Valarum velanmai - 3(11),May 2012, p.no 51.	C.Kavitha ,A.Anuratha and A.Veeramani	1
	2. Pairu vagaikalili uyar vulaichal pera orugenaitha ura melanmai published in Valarum velanmai -June 2012, 3 (12).	A.Anuratha & V.Ganesaraja	1
	3. Nilakadalaiyil orunginaintha poochi melanmai	Zadda kavitha , C.Vijayraghavan and P.Balasubramaniyan	1
	4. Neradvithaippu sagupadiyil poochi melanmai	C.Vijayraghavan, P.Thukkaiyannan, V.Ganesaraja and Zadda kavitha	1
	5. Ramanathapuram Ramu-Pal kalan valarppu sathanaiyalar	C.Vijayraghavan, P.Thukkaiyannan and G.Anand	1
	6. Neradi nel vithaippil poochi melanmai	C.Vijayraghavan, Zadda kavitha and P.Thukkaiyannan	1
	7. Thennaiyil thevanappul vudupayur sagupadi – Ramanathapuram farmers experience published in Valarum velanmai - 4(3), 2012, p.no 54-55.	C.Kavitha & V.Ganesaraja	1
	8. Valai sagupadiyil otachathu kuraipadukalum avatrin nivarthi muraikalum published in Valarum velanmai - 4(4) 2012, p.no 52-56.	C.Kavitha & V.Ganesaraja	1

	9.	Kadalarappaguthicketra palap payurkal published in Valarum velanmai - 4(6) 2012, p.no 49-54.	C.Kavitha & V.Ganesaraja	1
Extension literature	1	Neradi nel vithaippil poochi melanmai	C.Vijayraghavan, Zadda kavitha and P.Thukkaiyannan	30
Book lets	1	Nellil uyarvilaichal thozhil nutpangal	V.Ganesaraja, ,C.Kavitha and A.Anuratha	1
	2	Nelakadalayil navena thozhil nutpangal	A.Anuratha ,V.Ganesaraja and C.Karunaidasan	1
	3	Kalar uvar nelakalili seruthirthu melanmai thozhil nutpangal	A.Anuratha ,V.Ganesaraja and C.Karunaidasan	1
	4	Manavari mattrum puztheekal nel sagupadi thozhil nutpangal	A.Anuratha ,V.Ganesaraja and C.Karunaidasan	1
Leaflets	1	Integrated pest management for rainfed crops	Zadda kavitha ,C.Vijayraghavan	1
Others (Pl. specify) bookchapters		Non chemical insect pest management	Zadda kavitha , C.Vijayraghavan	1

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1	-		

10.C. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period).

1. Name of the farmer : M.Abdul Nabik and M.Zahir Hussain
2. Address : 3/7, Kaidemilleth street
Perungulam – Post
Mandapam block
Ramanathapuram district – 623 536.
3. Phone Number : 9443301178

Th. M.Abdul Nabik and M.Zahir Hussain S/o. Mohammed Ali aged 55 & 60 years residing at Perungulam village was known to the Krishi Vigyan Kendra, Coastal Saline Research Centre, Ramanathapuram for the past 3 years. He is holding 9 acres, cultivating Gingelly, Maize, Green Gram, Black gram, Groundnut, Watermelon (Hybrid), Coconut and Mango seedlings 175 nos, including all varieties.

The farmer are very progressive and Co-operative in nature. They are very much willing to accept to do all kinds of Research activities in their farm. They are is very risk bearing nature. The FLD programmes on Green gram, Black gram, Groundnut, Gingelly and Maize were conducted. The OFT on Coconut under Integrated Nutrient Management were also carried out. The farmers are very keen to observe and follow the guidelines of the Scientists. The farmers are very much interested to gather the information and also frequently share the same with other farmers. They are very Cosmo politeness nature. Based on the performance of the farmer many developmental schemes appreciated their efficiency and voluntarily sanctioned the schemes. In such a way Department of Horticulture issued 157 mango seedlings under National Horticulture Mission scheme

The farmers underwent the Vocational training in KVK, Ramanathapuram on vermi composting technologies. Then they started vermi compost production unit with a capacity of 500 tones/year. He got the financial aid from the Department of Horticulture under National Horticulture Mission with subsidy. The farmers are very innovative in nature. Because of his continuous effort he developed the fallow lands into productive one. They are very much interested in organic farming. From the total production, 70 percent of the compost was used for their own farming and remaining 30 percent was marketed to the farmers on low cost basis. They are also supplying their compost to the needed farmers and motivated their neighbour farmers viz. Seenithevar, Murugesh, Malik and others to use vermi compost to enhance the production and soil fertility.

They sent their vermi compost manure to the TNAU, Coimbatore to know the nutrient status. Based on the results he tried further to improve the nutrient content by adding Azophos and Rock phosphate.

During our documentation he stated that the vermi compost is very much suitable manure for coastal area to enhance the production and organic matter of the soil. Due to application of vermi compost the yield was increased in Coconut as 25 nuts / tree earlier it was 10 nuts / tree. The size is also increased thereby lead to higher market price that is Rs. 6/nut earlier 3.50 / nut. The other crops like, Groundnut, Green gram, Blackgram and Maize yields comparatively high and further he stated that the crops remain greenish even during summer. So the passerby were wondered and asked the farmers about the way of cultivation methods.

Because of their concerted efforts, he was supplied with Mini mobile Sprinkler unit for Groundnut by the Coastal Saline Research Centre, Ramanathapuram under Part II Plan Scheme on free of cost. He told that the unit was very much helpful for the Groundnut cultivation. It facilitates the farmers to have a copious irrigation and continuous cropping which led him to earn additional income Hence the farmer Th. M. Abdul Nabik, Perungulam, Ramanathapuram was selected as a best farmer for southern region after analyzing his potentiality in farming by the TNAU and then he received the Best farmer Award from Tamil Nadu Agricultural University, Coimbatore during the Farmers' day function for the year 2008-2009, the certificate has been enclosed herewith. They had introduced hybrid watermelon viz., Mahico which performed well in their soil condition and yield 35 to 40 tons/ac and which was documented by the journalist of Pasumai Vikadan

The economics worked out for the vermicomposting technology is as follows:

1...Fixed Cost

S.No	Particulars	Amount (Rs.)
1.	Vermicompost shed	175000
2.	Sprayer, Motor, Sieve, Packing machine, Weighing balance, Sieving machine	15,000
	(Interest 12% Depreciation 2% for one year for shed)	24500
	(Depreciation 5%, IFC 12% for I year for machineries)	2550
Total Fixed cost		42050

2. Vairable cost

S.No	Particulars	Amount (Rs.)
1.	FYM & Compost for 5 cycles Rs.350 / ton	175000
2.	Earth worm for 5 cycles @ Rs.400/ton for 5 ton	2000
3.	Packing cover 500 ton (Rs. 10 / bag): 10000 bags	100000
4.	Labour charges	10000
Total Variable cost		287000

3. Cost and return statement

S.No	Particulars	Rs./year
1.	Variable cost	287000
2.	Fixed cost	42050
3.	Total cost	329050

4. Yield

Vermicompost 500 ton/5 cycle/year	500 ton
Total production income @ Rs. 400/ton so far 500 ton 400x5000	Rs. 20,00,000
Profit / year (2000000 – 329050)	Rs. 16,70,950
Benefit cost ratio	1:6.1

Inference:

It was drawn from the above result that the training on composting technologies not only motivate the person to start self employment, it also enhances the soil fertility of the farm besides increasing the farm and home income. Hence it paves way for improving the socio-economic status of the farmer in the family, society, etc.

10.D. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year: Nil

10.E. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
-	-	-	-

10.F. Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel
- PRA Techniques
- Direct interview method
- Group discussion method
- Feedback mechanism
- Registration on training need

Rural Youth

In Service personnel

Well structured interview schedule

Group discussion

10.G. Field activities

- i. Number of villages adopted : -
 ii. No. of farm families selected : -
 iii. No. of survey/PRA conducted : -

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Good

1. Year of establishment : 2005
 2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	-	-	-
Total		-	-

Details of samples analyzed so far since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	765	839	94	19125
Water Samples	391	264	106	3910
Total	1156	1103	200	23035

Details of samples analyzed during the 2012-13:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	58	50	50	1450
Water Samples	85	60	60	850
Total	143	110	110	2300

10.I. Technology Week celebration during 2012-13 Yes/No : No

Period of observing Technology Week: From _____ to _____

Total number of farmers visited :

Total number of agencies involved :

Number of demonstrations visited by the farmers within KVK campus:

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
-	-	-	-

10. J. Interventions on drought mitigation (if the KVK included in this special programme)**A. Introduction of alternate crops/varieties**

State	Crops/cultivars	Area (ha)	Number of beneficiaries
-	-	-	-

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
-	-	-

PART XI. IMPACT

11.A. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom production	296	58	Nil	2500 to 10000/year
Vermi compost	236	35	5000	25000 to 2000000
Food processing	173	82	nil	40000

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

**11.B. Cases of large scale adoption
(Please furnish detailed information for each case)**

A. Mushroom Production

Sl.No.	Entrepreneurs name and address	Production Capacity	Income (Rs.) 5 cycle/year
1	Dr. S. Sundararajan Ayyanar Trust, 3/622-A7, Bagavathsingh Road Paramakudi. Ph. No.: 04564 222009 Size: 50 members of SHGs	15 to 20 kg / cycle	10000
2	Tmt. N. Rajalakshmi SHG : Vinmeen Mahalir Mandram Size : 20 members	5 – 10 kg/cycle	5000
3	Tmt. Snehalatha & Tmt. Veeramani SHG : Srimanjanamari Mahalir Mandram Size : 20 members	5 – 10 kg/ cycle	5000
4	Tmt. S. Kavitha, SHG : Kuberan Mahalir Mandram Size : 20 members	5 – 10 kg/ cycle	5000
5	Tmt. S. Inul Ariba, SHG : Pasumai Nila Size : 20 members	5 – 10 kg/ cycle	5000
6	Th. Jawahar Sathik, Keelakarai	5-10 kg/ cycle	5000
7	Tmt. Bhuvaneswari, Pirappanvalasai	15 kg/ cycle	7500
8	Th. Murugaboopathi & Arunachalam Check Post, PattinamKathan Ph.:9344510617	15 kg/ cycle	7500
10	Tmt. M. Muthurani W/o. J. Muthukrishnan Marudhupandiyar 3 rd street Bharathi Nagar, Ramanathapuram	5 kg/ cycle	2500
11.	Tmt. K. Sudha W/o. P. Kannan 3/3198, Kannankoil street, Pattinamkathan	10-15 kg/ cycle	7500

12.	Tmt. E. Ranithabethal W/o. Edward 2/66 C, Thamizhar street Sitharkottai 9894894480	5-10 kg/ cycle	5000
13.	Tmt. J. Lathipa Begam W/o. M. Janinutheen 3/611, North Street, Vedhalai Mandapam	2-3 kg/ cycle	1500
14.	Tmt. W/o. S. Muthuramalingam Sathanur (Post) Pambur (via) , Muthukulathur (Tk) Ramnad – District	5 kg/ cycle	2500
15.	Tmt. N. Shanthi W/o. Nagarajan Puzhuthikulam, Sathanur Post, Pambur (Via) Muthukulathur (Tk) Ramanathapuram (Dt)	5 kg/ cycle	2500
16.	Tmt. S.V. Nishan W/o. Sultan 21/59, M.S.P Quarters Kizhakkarai	5 kg/ cycle	2500
17.	Tmt. R. Lavanya W/o. Rathinakumar 19, Barathi Street Ramnad	5 kg/ cycle	2500
18.	Tmt. P. Vanitha W/o. Prabhakran 28, Bharathiyar Street Velipattinam Ramanathapuram	5 kg/ cycle	2500

B. Vermi compost production

Sl.No	Entrepreneurs name and address	Production capacity tons/cycle	Income (Rs.) 5 cycle/year
1.	Dr. S. Sundararajan Sri Meenakshi Educational and Development Organisation 3/622-A7, Bagavathsingh Road Paramakudi. Ph. No.: 04564 222009	8	200000
2	Mr. A. Ramu Usilanakottai, Thondi Ramanathapuram. Ph.: 9865358642	6	30000
3	Mr. M. Abubakkar Thondi – 623 409. Ph.: 9443204316	40	1000000
4	Mr. K. Velu 1/1869 Police colony Pattinamkathan Post, Ramanathapuram	1	25000
5	Dr. S. Sundararajan Sri Meenakshi Educational and	8	200000

	Development Organisation 3/622-A7, Bagavathsingh Road Paramakudi. Ph. No.: 04564 222009		
6	Community Polytechnic, MSPC, Keelakarai, Ramanathapuram. Ph. No.04567 244776	75	1875000
7	Mrs. J. Jeshumari Michael Pattinam Panchayet Chairman Pampoor via Ramanathapuram District	1	25000
8	Sitho Najeema Azagankulam Ramnad (Dt.)	7	175000
9	P. Soundaravalli W/o Pandi Valanondi Paramakudi	5	125000
10	J. Meenamam W/o Jayaraman Lakshmipuram Paramakudi	5	125000
11	N.Pathampiriyal W/o Naganathan Vaniyavallam, Nayinarkoil Block, Ramnad (Dt.)	4	100000
12	Zahir Hussain S/o Mahammed Ali Perumkulam Ramnad	100	250000
13	Rathakrishnan Muthunal	40	1000000
14	Dr.S.M.Gani Kaluvloorani Ramnad (Dt.)	200	5000000
15	A.Kulanthai W/o Antony Valluvar Nagar, Thondi Ramnad Dt. Ph:no 9842987265	5	125000
16	P.Subramanian Manjur Ramanathpuram (Dt.)	2.5	62500
17	V.Austin Pirappanvalasai, Ramanathapuram	1	25000
18	T.Sakthivel Kadarkarai salai Near Railway Line, Pirappanvalasai Ramnad (Dt.) 623516	3	75000
19	Mohamed Kaluvloorani Ramanathapuram	20	500000

20	D.Jaikumar Pambur, Ramnad	5	125000
21	C.Bose S/o Chinniah Kattuparamakudi	3	75000
22	National Academy Matriculation School Pattinamkathan Ramnad	3	75000
23	Iyyamperumal S/o Muniandi Sethunagar, Muthupettai Ramnad	5	125000

C. Food processing

S. No.	Entrepreneurs name and address	Items	Capacity	Income / year(Rs.)
1.	Tmt. M. Muthurani W/o. J. Muthukrishnan Marudhupandiyar 3 rd street Bharathi Nagar Ramanathapuram	Jam	25 bottles / month 30 x 25 = 750 / month	9000
2.	Tmt. K. Sudha W/o. P. Kannan 3/3198, Kannankoil street Pattinamkathan	Jam	25 to 30 bottles / month 30 x 30 = 900/month	10800
3.	Tmt. E. Ranithabethal W/o. Edward	Pickle	450 to 500 bottles / month	40000
4.	2/66 C, Thamizhar street Sitharkottai 9894894480	Jam	15 bottles / month 30 x 15 = 450 x 12	5400
5.	Tmt. J. Lathipa Begam W/o. M. Janinutheen 3/611, North Street Vedhalai, Mandapam	Jam	20 bottles / month 30 x 20 = 600/month	7200

D. Coir compost

Sl.No.	Entrepreneurs name and address	Capacity	Income / year(Rs.)
1.	Dr.Mohamed Gani Managudi, Pudumadam Ramanathapuram Ph.263 516,cell: 9443208350	10tons/cycle Rs.300/ton 300x 10=3000x4	Own use& sales Rs.12000
2.	Mr.M.Nagu Ex.Union Panchayat Chairman 3-A,Durairaj Chatra Street Ramanathapuram Cell:9443164041	10tons/cycle	Own use& sales Rs.12000
3.	Mr.Noorul Ameen North street Pudumadam, Ramanathapuram	1ton/cycle 300x4	1200

4.	Mr.Shahul Hameed Near Mosque Valantharavai Ramanathapuram	3tons/cycle 300x3=900 900x4	36000
5.	Mr.M.Ganesan 7/269,West street, Regunathapuram ph.253 296	1ton/cycle 300x4	1200

A. Horticulture

S.No	Entrepreneurs name and address	Items	capacity	Income/year(Rs.)
1.	Bharakath Nisha Katoorani village Ramanathapuram	Greens	10 to 20kg/month	2000

11.C. Details of impact analysis of KVK activities carried out during the reporting period

1) The Broad outline for the case study may be

1.	Title	Fish Masala Preparation
2.	Background	Mr.Mohammed Igbal S/o.Ahmed Ibrahim 11/9570 West street, Panaikulam, Ramanathapuram. Ph.No: 94867 44785 Mr.Mohammes Igbal S/o. Ahmed Ibrahim panai, panaikulam is a new comer to Food Processing and value addition. He approached KVK, Ramanathapuram for preparing spice mixes , packing and labeling . He gained knowledge and procedure for execution. He prepared Spice Mix exclusive for Fish expecting a huge response for his produce since Ramanathapuram district is coastal area. He started his enterprise during January 2012. He is producing 300 kg of spice mix /month and he is selling at the rate of Rs.160 /kg and earning an additional income of Rs. 7500/month. He engaged his family members (3 nos) and 3 labours for the production. He is doing this enterprise as a part time job. He got packing and labeling licence from department of labour law and Obtained licence from department of Food and Drug Administration act for selling quality product.
3.	Interventions	Through Advisory service from KVK, Ramanathapuram he gained knowledge on Spice mix preparation, suitable packing material and labeling of the produce.
4.	Process	He packed the product in multi coloured polythene covers with labeling
5.	Technology	Preparation of Spice mix, Packing and labeling
6.	Impact	
7.	Horizontal Spread	His product is gaining good response and also receiving orders from marriage ceremony etc.
8.	Economic gains	He is earning an additional income of Rs. 7500 -10,000/month.
9.	Employment Generation	Involving own family members and engaged 3 contractual labours.

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Sl.No	Name of organization	Nature of linkage
1	ICAR Institutions <ul style="list-style-type: none"> • CMFRI • ICAR KVK's 	<ul style="list-style-type: none"> • For organizing linkage training programmes • For TOT tie-up
2	State Agricultural University and Research Centre, Plant Clinic Centre and KVK's	<ul style="list-style-type: none"> • Exchange of experts as resource person for training programme • For updating research establishment in the respective field so as to meet out the needs the beneficiaries
3.	State Department of Agriculture	<ul style="list-style-type: none"> • To organize collaborative training programme • Capacity building training to the extension functionaries • joint diagnostic survey, participation in meeting
4.	State Department of Horticulture	
5.	State Department of Fisheries	
6.	State Department of Animal Husbandry	
7.	State Department of Forestry	
8.	Soil Test Laboratory of different places	
9.	NGO's <ul style="list-style-type: none"> • RWDF • DHAN Foundation • Community Development Centre • Mohammed Sathak Polytechnic • Seyathu Ammal College 	<ul style="list-style-type: none"> • Co-ordination of participants in training programme organized by KVK
10.	Banking sectors <ul style="list-style-type: none"> • NABARD (AGM) • IOB • LDM of IOB • UCO Bank, DCCB • Pandiyan Gramena Bank 	<ul style="list-style-type: none"> • To share knowledge on financial availability in order to equip the self employment activities of the trainees • To give training to the beneficiaries of banking sectors. To adopt villages
11.	Jain Irrigation Ltd	<ul style="list-style-type: none"> • To develop low cost irrigation system for drip fertigation system
12.	Other Rural Development Agencies <ul style="list-style-type: none"> • DPAP • DRDA • NAWPRA, Panchayat Raj Institution 	<ul style="list-style-type: none"> • To provide location based training to the beneficiaries • Transfer of technology purpose • To reduce the area under wasteland

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

12.B. List special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
National Initiative of Climate Resilient in Agriculture	March 2011	ICAR	33.00 Lakhs
Popularization of Soil breeding and Water management strategies in Coastal sandy soil of Ramanathapuram district	March 2012	NADP	15.89 Lakhs

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes / No: Yes

If yes, role of KVK in preparation of SREP of the district?

- KVK was involved in SREP preparation, later the short term research and District level Farmers-Scientist interaction was assigned to KVK, Ramanathapuram and funds was released by the JDA, Ramanathapuram.
- The short term research has been completed and also the Farmers-Scientist interaction as per work assigned

Coordination activities between KVK and ATMA during 2012-13

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings	Farmers-Scientist interaction	1	1	Work completed
02	Research projects	Short term research	1	1	Field observation in progress

12.D. Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Constraints if any
-	-	-	-	-	-

12.E. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	-	-	-	-	-

12.F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	-	-	-	-	-

12. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
January '13-March'13	13	63	-

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

13.A. Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-	-	-

13.B. Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-	-	-

13.C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
-	-	-	-	-	-

13.D. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-

13.E. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
-	-	-	-

13.F. Database management

S. No	Database target	Database created
-	-	-

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute							
With KVK	State Bank of India	Ramanathapuram	908	SB	10776777321	-	-

14.B. Utilization of KVK funds during the year 2012-13 (as on 30.03.2013)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	7000000		7844124
2	Traveling allowances	100000		99987
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	200000	7982046	197108
B	POL, repair of vehicles, tractor and equipments	150000		110875
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	70000		55400
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	70000		1340
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	240000		236182
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	65000		56970
G	Training of extension functionaries	25000		17786
H	Maintenance of buildings	25000		20642
I	Establishment of Soil, Plant & Water Testing Laboratory	0		0
J	Library	5000		4997
K	Extension Activities	25000		0
L	FFS	25000		22150
	TOTAL (A)	900000		723450
B. Non-Recurring Contingencies				
1	Works	-	-	-
2	Equipments including SWTL & Furniture	-	-	-
3	Vehicle (Four wheeler/Two wheeler, pl.specify)	-	-	-
4	Library (Purchase of assets like books&journals)	-	-	-
	TOTAL (B)	-	-	-
C. REVOLVING FUND		0		-
GRAND TOTAL (A+B+C)		800000	7982046	8667561

14.C. Status of revolving fund (Rs. in lakh) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2010 to March 2011	493830	44033	268042	269821
April 2011 to March 2012	269821	67697	95599	241919
April 2012 to March 2013	241919	85086	51415	275590

15. Details of HRD activities attended by KVK staff during 2012-13

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
-	-	-	-	-

16. Please include any other important and relevant information which has not been reflected above (write in detail).

SUMMARY FOR 2012-13
I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Crop Management	Jasmine	Assessment of flower productivity during offseason in Jasmine in Ramanathapuram district	5
Varietal Evaluation	Annual Moringa	Performance of Bhagya and PKM-1	5
	Rice	Assessment of high yielding rice varieties in rainfed eco system	5
Resource Conservation Technology	Paddy	Assessment of composite package for sodic soils in Rice	5
	Cotton	Assessment of stress management in summer irrigated cotton (SVPR 2)	16
Total	5	-	36

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Production and Management	Dairy cows	Assessment of TANUVAS GRAND supplement in cross bred dairy cows	60
Total			60

Summary of technologies assessed under various enterprises

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
-	-	-	-

Summary of technologies assessed under home science

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
-	-	-	-

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops

Thematic areas	Crop	Name of the technology refined	No. of trials
-	-	-	-

Summary of technologies assessed under refinement of various livestock

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials
-	-	-	-

Summary of technologies refined under various enterprises

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
-	-	-	-

Summary of technologies refined under home science

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
-	-	-	-

III. FRONTLINE DEMONSTRATION

Crops

Crop	Thematic area	Name of the technology demonstrated	No. of KV Ks	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check %	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals	Pest incidence	Integrated crop management rice	1	25	10	28.65	22.36	21.95	-	-	20100	28656	8556	1.43	20100	22360	2260	1.11
	Mechanization in rice cultivation	Mechanization in rice cultivation	1	1	2	67.9	49.1	38.3	-	-	23550	155250	131700	6.6	40150	109250	69100	2.7
Oilseeds	Nutrient management	Integrated crop management in groundnut	1	5	2	14.50	11.95	17.58	-	-	26725	63408	36683	2.37	24100	47792	23692	1.98
Fruits	ICM practices	Integraed Crop Management in watermelon	1	10	2	188.65	113.27	39.9	-	-	40096	125225	85129	3.12	28620	67962	39342	2.37
	Nutrient Management	Integrated crop management in banana	1	5	2	47.03	43.17	8.21	-	-	104900	423274	318374	3.81	102130	388512	286382	4.04
Spices and condiments	Pest incidence	Integrated crop management chilli	1	19	5	5.09	4.30	14.00	-	-	26063	48173	22110	1.84	27900	38700	10800	1.38
Fibre	ICM	ICM on SVPR 4 cotton under summer irrigated areas	1	5	5	Crop is at vegetative stage												
Fodder	Production enhancement	Popularization of CN4 grass through PPP model	1	5	4	-												

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

IV. Training Programme

Training for Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	2	-	20	20	-	28	28	-	48	48
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	2	28	20	48	13	10	23	41	30	71
b) Fruits	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment										
Value addition	2	-	50	-	-	-	-	-	50	50
Women empowerment	1	-	-	-	-	22	22	-	22	22
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	1	-	16	16	-	2	2	-	18	18
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	8	28	106	84	13	62	75	41	168	209

Training for Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production	1	6	-	6	12	7	19	18	7	25
Resource Conservation Technologies	1	-	-	-	6	19	25	6	19	25
Cropping system	1	5	-	5	11	9	20	16	9	25
Soil water conservation	1	7	-	7	8	10	18	15	10	25
Others (pl.specify) Foliar application of nutrients in Groundnut	1	21	1	22	-	3	3	21	4	25
Post harvest techniques in Ground nut	1	3	-	3	-	17	17	3	17	20
Dry Fodder preparation	1	4	3	7	18	-	18	22	3	25
Horticulture -										
a) Vegetable Crops										
b) Fruits	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) Post harvest management in Banana	1	-	8	8	-	12	12	-	20	20
c) Ornamental Plants others (pl.specify)	3	74	3	77	-	-	-	74	3	77
d) Plantation crops										
Production and Management technology	1	16	-	16	-	-	-	16	-	16
Others (pl.specify) Foliar application of nutrients in Banana	1	4	8	12	4	9	13	12	13	25
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management										
Production and use of organic inputs	3	15	46	61	4	-	4	19	46	65
Soil and water testing	1	-	--	-	15	14	29	15	14	29
Livestock Production and Management										
Dairy Management	2	-	-	-	24	28	52	24	28	52
Poultry Management	3	11	7	18	35	37	72	46	44	90
Animal Nutrition Management	1	16	9	25	-	-	-	16	9	25
Feed and Fodder technology	1	14	6	20	-	-	-	14	6	20
Others (pl.specify) Goat rearing	1	19	8	27	-	-	-	19	8	27

Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Integrated Pest Management	2	49	17	66	-	-	-	49	17	66
Productivity enhancement in field crops	1	6	14	20	-	-	-	6	14	20
Protected cultivation technology	1	19	1	20	-	-	-	19	1	20
Production and use of organic inputs	2	28	10	38	-	-	-	28	10	38
Livestock feed and fodder production	1	-	-	-	-	-	-	14	6	20
Any other (pl.specify) Demo on DSSIFER & Visual Diagnostic Kit	1	16	4	20	-	-	-	16	4	20
Total	8	118	46	164	0	0	0	132	52	184

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Women and Child care	1	-	20	20	-	-	-	-	20	20

Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
7	Post harvest technology and value addition										
7.a.	Processing and value addition	2	-	38	38	-	2	2	-	40	40
	Total	2	-	38	38	-	2	2	-	40	40

Details of sponsoring agencies involved

1. Mohammed Sathak Polytechnic, Ramanathapuram district.

Details of Vocational Training Programmes carried out for rural youth

Sl. No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.c.	Commercial vegetable production	1	5	-	5	3	7	10	8	7	15
2	Post harvest technology and value addition										
2.a.	Value addition - Value added product preparation for self employment	1	-	28	28	-	-	-	-	28	28
3.	Livestock and fisheries										
3.c.	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
4.	Income generation activities										
4.a.	Vermi-composting	1	11	9	20	-	-	-	11	9	20
4.g.	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
4.h.	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-
5	Agricultural Extension										
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	3	16	37	53	3	7	10	19	44	63

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	39	85	-	85
Diagnostic visits	34	30	-	30
Field Day	2	77	-	77
Scientists' visit to farmers field	12	35	-	35
Method Demonstrations	22	279	-	279
Celebration of important days (Uzhavar peruvizha)	21	650	45	695
Exposure visits	3	40	-	40
Total	133	1196	45	1241

Details of other extension programmes

Particulars	Number
Extension Literature	4
News paper coverage	23
Radio Talks	8
Total	35

PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	RMD(R)1	800 kg	6400	6
		ADT 45	345 kg	2760	5
Others	-	-	-	-	-
Total		-	1295 kg	7160	11

Production of planting materials by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Number	Value (Rs.)	Number of farmers
Chilli Seedlings	Chilli	Mundu	25000	8750	50

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Agents	Vermicompost	2774	14142	40
Total		2774	14142	40

Production of livestock and related enterprise materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
-	-	-	-	-

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2012-13

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	58	50	50	1450
Water	85	60	60	850
Total	143	110	110	2300

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted

-

IX. NEWSLETTER

Number of issues of newsletter published

-

X. RESEARCH PAPER PUBLISHED

Number of research paper published

5

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
-	-	-	-	-

-----XXXXXXXX-----