PROFORMA FOR ANNUAL REPORT 2010-11

(FOR THE PERIOD APRIL 2010 TO MARCH 2011)

KRISHI VIGYAN KENDRA - THIRUVANNAMALAI

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
Programme Coordinator Krishi Vigyan Kenra, Kilnelli village, Chithathur post, Cheyyar Taluk, Thiruvannamalai Dist. Tamil Nadu. Pin code : 604 410.	04182 - 293484	04182 - 201525	vedapurikvk@gmail.com	-

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

Address	Telephone		E mail	Web Address
	Office	FAX		
The President, TamilNadu Board of Rural Development, No.24, Crescent park street, T.Nagar, Chennai-17. Tamil Nadu.	044 - 24360234	044 - 24360234	tnbrd1978@gmail.com	-

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Mr.N.Rameshraja	-	9943727419	-

1.4. Year of sanction : May - 1991 (No.5(108)/90-KVK Dt. 28.03.1991

1.5. Staff Position (as 31st March 2011)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	-	-	-	-	-	-	-	-	-
Pay scale 8,000-275-13,500										
2	Subject Matter Specialist	Mr.N.Rameshraja	SMS	M	Horticulture	***M.Sc(Ag.) Hort..***	***9925/-***	04.07.2003	Permanent	OBC
3	Subject Matter Specialist	Dr.G.Ganesh kumar	SMS	M	Animal Science	***M.V.Sc***	***9925/-***	04.07.2003	Permanent	OBC
4	Subject Matter Specialist	Mrs.T.Margaret	SMS	F	Home Science	***M.Sc, M.phil***	***9925/-***	04.07.2003	Permanent	OC
5	Subject Matter Specialist	Mrs.R.Lakshmidevi	SMS	F	Agricultural Extension	***M.Sc(Ag.),***	***8000/-***	22.12.2010	Permanent	OBC
6	Subject Matter Specialist	Mr.P.Sudharsan	SMS	M	Agronomy	***M.Sc(Ag.),***	***8000/-***	30.12.2010	Permanent	OBC
7	Subject Matter Specialist	Mr.V.P.Karthikeyan	SMS	M	Soil Science	***M.Sc(Ag.),***	***8000/-***	03.01.2011	Permanent	OBC
Pay scale 5,500-175-9,000										
8	Programme Assistant – T4	Mr.S.Murugesan	Lab Technician	M	Agro-forestry	***B.Sc(Forestry)***	***7950/-***	01.08.1995	Permanent	OBC
9	Programme Assistant – T4	Mr.O.Sekar	Comp. programmer	M	-	***B.Sc, PGDCA***	***7775/-***	01.09.1997	Permanent	OBC
10	Farm manager	-	-	-	-	-	-	-	-	-

11	Assistant	Mrs.M.Viji	Assistant/ Accountant	F	-	M.Com.,	***8,125/-***	01.02.1993	Permanent	OBC
12	Jr.Stenographer-Grade3	Mrs.A.K.Geetha	Stenographer	F	-	B.Com, DCA	**4,000-100-6,000** ***(5,000)***	01.10.1997	Permanent	OBC
Pay scale 3200-85-4900										
13	Driver	Mr.S.Janarthanan	Jeep Driver	M	-	***8th***	***4,115/-***	01.09.1993	Permanent	OBC
14	Driver	Mr.T.Selvaraj	Tractor Driver	M	-	***9th***	***4,035/-***	01.01.1996	Permanent	OBC
Pay scale 2,550-55-2,660-60-3,200										
15	Supporting staff	Mr.T.Varadhan	Animal Attender	M	-	***5th***	***3,440/-***	01.02.1994	Permanent	OBC
16	Supporting staff	Mr.G.Selvam	Horticulture Attender	M	-	***5th***	***3,480/-***	01.07.1995	Permanent	SC

1.6. Total land with KVK (in ha)

S.No	Item	Area (ha)
a.	Under building	2
b.	Orchard/Agro-forestry	1.6
c.	Under Crops	9
d.	Under Demonstration Units	3.2
e.	Others	4.2
Total		**20.0**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1997	696	25,34,244.00	Nil		
2.	Farmers Hostel	ICAR	1998	305	14,96,643.00			
3.	**Staff Quarters**							
	1. SMS quarters	ICAR	1997	390	13,42,350.00			
	2. Assistant Quarters	ICAR	1998	300	9,00,000.00			
4.	**Demonstration Units**							
	1.Animal shed	ICAR	1997	145.0	173384.05			
	2.Poultry shed	ICAR		29.2	88793.75			
	3.Goat shed	ICAR		22.1	88793.75			
	4. Mushroom shed	ICAR		24.7	96797.35			
	5. Workshop	ICAR		65.79	181236.25			
5	Fencing	ICAR		6407.3 Meter	5,58,765.00			
6	Threshing floor	ICAR		270.8	2,92,757.00			

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep TN-09 AF – 0775	2004	4,82,356/-	131196	Good
Tractor TN – 25 Z – 4923	1995	3,14,477/-	7320.2	Under repair
Hero Honda TN – 09 AP 4662	2006	36,890/-	46477	Good
Hero Honda TN – 25 S 0563	2009	49,476/-	15882	Good

C) Equipments & AV aids

Sl.No	**Name of Equipments**	**Year of purchase**	**Cost (Rs.)**	**Present Status**
1	Automatic slide projector	1993	Transfer	Working condition
2	Slide projector-Liner tray	1993	,,	,,
3	Sound horn WFC Ahuja	1993	,,	Working condition
4	Black board with stand	1994	850.00	Good
5	Overhead projector	1994	51,440.00	,,
6	White board	1995		Good
7	Glass board	1995	9,340.00	,,
8	Screen 8 x 8	1995	6,500.00	Damaged
9	Xerox machine IR-1600-Canon	2004	74,000.00	Good
10	Sony - Digital P 100 camera	2005	20,360.00	Good
11	HP laser – Printer – 1010 17 " LG flatron monitor TVS - Key board PC with DVD HP scanner – 3770	2005	75,000.00	Good
12	LCD-Panasonic – LB-50 SEA	2007	55,000.00	Good
13	HP Compaq Presario – V 3000	2007	46250.00	Good
14	Samsung SCX 4521 F - Fax	2009	15000.00	Good
15	Generator – Birla 3 KV with Usha inverter – 1400 W	2010	1,05,020.00	Good
16	Rotovater – 36/32	2010	60320.00	Good

17	Pruning equipments – Shears, Garden tools, Garden rake, Secateurs, Saw, Knife, Trowel	2010	12,485.20	Good
18	VST SHAKTI Power tiller Power tiller - CT 85 Model with 180 D.I	2010	148190.00	Good
19	**Furnishing for hostel** – Vessels, Cooker, Water heater, Bed, Mixture grinder, Wet grinder and window curtains	2011	2,00,032.00	Good
20	EPABX-BPL-SMS 1606 CLI-16 port	2011	50044.00	Good
21	Ahuja Powered Amplifier speaker - PSX 1200 Ahuja Dual wireless mike - AWM490 VHL Ahuja sound box - SRX 50 XT LCD monitor-Dell – 20" and Sony DVD player	2011	29910.00	Good

1.8. Details SAC meeting conducted in 2010-11 : Nil

PART II - DETAILS OF DISTRICT

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

S.No.	Farming system/Enterprises
1.	Irrigated - Paddy – Paddy
2.	Irrigated – Groundnut - vegetables
3.	Irrigated – Sugarcane – Groundnut
4.	Irrigated – Sugarcane – Paddy
5.	Irrigated – Paddy – Sesame
6.	Rainfed – Groundnut – Ragi
7.	Rainfed – Pulses

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

S.No.	Agro-climatic Zone	Characteristics
1.	North Eastern Zone, Viruthachalam	The Mean average temperature is 28.62^{o}C. Hot during summer (35 – 37^{o}C. Cool during winder periods (24 – 26^{o}C. The temperature regime is hyper thermic.
S.No.	**Agro-ecological situation**	**Characteristics**
1.	Comes under Eastern ghats (TN uplands) and Deccan plateau.	Hot semi arid eco region with red loamy soils.

2.3 Soil types

Four soil groups viz deep red soil, thin red soil, clayey soil and gravelly soil are in the district. The predominant soil type in the district is red. Red series loam is found in all the taluks with concentration in Polur taluk, Red series sand is also found in all the taluks but predominantly in Thiruvannamalai, Chengam and Vandavasi taluks. Different types of soil like ferrogenous loamy and sandy are seen throughout the district. Black series of loam is found in tank and river bed areas of Vandavasi and Cheyyar taluks.

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

S.No.	Crop	Area (ha)	Production (Tonnes.)	Productivity (Kg/ha)
1.	Paddy	108140	552270	5,107
2.	Cumbu	3124	6110	1,956
4	Maize	729	4009	5,500
5.	Ragi	3052	12864	4125
6.	Sugarcane	10102	808160	80000
Oilseeds				
7.	Groundnut	90395	145083	1605
8.	Gingelly	2410	2108	875
9.	Sunflower	6129	12258	2000
10.	Cotton	297	521	1756
Pulses				
11.	Redgram	3213	2567	799
12.	Blackgram	17713	6943	392
13.	Greengram	2354	1883	800
Vegetables				
14.	Brinjal	156	10803	13000
15.	Tomato	155	6737	14000

16.	Bhendi	95	8855	9000
Spices and Condiments				
17.	Chillies	80	80	1000
18.	Turmeric	320	1781	7745
Fruits				
19.	Banana	1652	69049	4904
20.	Mango	631	3990	5788

Source : Joint Director of Agriculture & Deputy Director of Horticulture, Thiruvannamalai

2.5. Weather data

Month	**Rainfall(mm)**	**Temperature ^{o}C**		**Relative Humidity (%)**
		Maximum	**Minimum**	
April'10	17.4	32.3 – 36.7	24.7 – 26.6	70-78
May'10	90.6			
June'10	124.2			
July'10	73.0			
August'10	163.0			
September'10	286.2			
October'11	124.8			
November'11	361.7			
December'11	353.6			
January'11	-			
February'11	36.4			
March'11	-			

Source : Taluk office, Arni

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

Category	Population	Production	Productivity/ Animal
Cattle			
Cross breed/Exotic	2,50,811	230.59 (in '000 tonnes)	4.86 lits/day
Indigenous	2,30,632	40.31 (in '000 tonnes)	6.87 lits/day
Buffaloes	23,229	12.28 (in '000 tonnes)	4.29 lits/day
Sheep	198,318	589004 kg	2.97 kg
Goats	150,141	226713 kg	1.51 kg
Pigs	7259	10621 kg	14.65 kg
Fowls	246160	146.49 (in lakhs)	102 nos
Poultry	252314		

Source : Department of Animal husbandry, TamilNadu.

2.7 District profile has been prepared and submitted Yes / No : Yes

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 & enterprises	Major problem identified	Identified Thrust Areas
1	Vandavasi	Thellar, Peranamallur	**Desur cluster** Kozhipuliyur, Desur, Seeyamangalam, Theyyar, Ettithangal	Two years	Paddy	Improper use of fertilization	INM
						Improper weed management	IWM
						Leaf folder, Foliar diseases	IPM
						Lack of farmer friendly equipments	Drudgery reduction
						Cultivation of varieties with low yield	Popularization of high yielding varieties and hybrids
						Low yield and traditional methods of cultivation	System of Rice Intensification
						Trained labour shortage during critical period of crop	Mechanization

	Vandavasi	Thellar, Peranamallur	**Desur cluster** Kozhipuliyur, Desur, Seeyamangalam, Theyyar, Ettithangal	Two years	Groundnut	Root rot, Leaf miner	IPM
						Improper use of fertilizer	INM
						Non availability of good quality seeds	Seed production
						Improper moisture conservation measures	Moisture conservation
						Continuous use of own seed with low yield potential	Popularization of high yielding varieties
					Brinjal	Imbalanced nutrition	INM, Soil testing
						Low germination rate, Poor quality seedlings, Poor field establishment.	Nursery Management
						Cultivation of varieties with low yield potential.	Popularization of high yielding hybrids.
						Lack of awareness and improved hybrids.	
						Shoot and fruit borer, Diseases.	IPM
					Snake gourd	Cultivation of low yielding local varieties	Popularization of improved varieties.
						Imbalanced nutrition.	INM, Soil testing.
						Low fruit set, Maleness	Growth regulator application, Foliar nutrition.
						Fruit fly, sucking pests	IPM

	Vandavasi	Thellar, Peranamallur	**Desur cluster** Kozhipuliyur, Desur, Seeyamangalam, Theyyar, Ettithangal	Two years	Dairy cattle	High cost of concentrate feed	Nutrition management
						Low milk yield	
						Poor growth	
2	Arni	Arni, West Arni	**Arni cluster** Athanoor, Velleri, SV Nagram, Mottur, Thatchur, Thellur, Karippur, Melnagar, Kilnagar, Agrapalayam, Chetti thankal, S.U.Vanam, Ondikudisai, Adayapulam, Sirumoor, Pudupalayam, Meiyur	One year	Paddy	Low productivity, Imbalanced nutrition	INM
						Improper weed management	IWM
						Leaf folder, Foliar diseases	IPM
						Lack of farmer friendly equipments	Drudgery reduction
						Cultivation of varieties with low yield	Popularization of high yielding varieties and hybrids
						Low yield and traditional methods of cultivation	System of Rice Intensification
						Trained labour shortage during critical period of crop	Mechanization
					Sugarcane	Low yield	ICM
						Imbalanced nutrition	INM
						Labour shortage	Mechanization

	Arni	Arni, West Arni	**Arni cluster** Athanoor, Velleri, SV Nagram, Mottur, Thatchur, Thellur, Karippur, Melnagar, Kilnagar, Agrapalayam, Chetti thankal, S.U.Vanam, Ondikudisai, Adayapulam, Sirumoor, Pudupalayam, Meiyur	One year	Groundnut	Root rot, Leaf miner	IPM
					Imbalanced nutrition	INM
					Non availability of good quality seeds	Seed production
					Improper moisture conservation measures	Moisture conservation
					Continuous use of own seed with low yield potential	Popularization of high yielding varieties
				Sunflower	Cultivation of varieties with low yield	Popularization of high yielding varieties and hybrids
					Improper crop management	ICM
				Sesame	Use of local varieties	Popularization of high yielding varieties
					Improper nutrient management	ICM
				Blackgram, Green gram, Redgram	Low productivity, Imbalanced nutrition, Lack of foliar nutrition	INM, Varietal introduction
					Non adoption of drought mitigation practices	Drought mitigation

	Arni	Arni, West Arni	**Arni cluster** Athanoor, Velleri, SV Nagram, Mottur, Thatchur, Thellur, Karippur, Melnagar, Kilnagar, Agrapalayam, Chetti thankal, S.U.Vanam, Ondikudisai, Adayapulam, Sirumoor, Pudupalayam, Meiyur	One year	Bitter gourd	Low fruit set, Poor quality fruits , Maleness	Growth regulator application, Foliar nutrition.
					Imbalanced nutrition	INM, Soil testing
					Fruit fly, sucking pests	IPM
				Tomato	Low germination rate, Poor quality seedlings, Poor field establishment	Scientific nursery management
					Cultivation of hybrids susceptible pest and diseases	Popularization of high yielding hybrids.
					Lack of awareness on improved hybrids	
					Imbalanced nutrition	INM, soil testing
					Fruit borer, Diseases	IPM / IDM

	Arni	Arni, West Arni	**Arni cluster** Athanoor, Velleri, SV Nagram, Mottur, Thatchur, Thellur, Karippur, Melnagar, Kilnagar, Agrapalayam, Chetti thankal, S.U.Vanam, Ondikudisai, Adayapulam, Sirumoor, Pudupalayam, Meiyur	One year	Banana	Imbalanced nutrition	Precision farming, INM, Foliar nutrition
					Low bunch grade and weight	
					Lack of micro nutrient application	
					Lack of awareness on improved planting methods.	Popularization of Improved planting methods
					Weed infestation	Intercropping, mulching
					Poor utilization of banana stem	Banana fiber extraction
					Erwinia rot, leaf spot diseases	IDM
				Malai vembu	Poor utilization of rainfed land	Contract farming of matchwood.
				Fodder	Lack of quality fodder production	Popularization of high yielding varieties
				Poultry	Ranikhet disease	Disease management
				Poultry	Low hatchability	Popularization of incubator

3	Polur	Chetpet, Peranamallur	**Indiravanam cluster** Indiravanam, Gangaisudamani, Ulgampattu, Othalavadi, Maruthuvampadi, Nedunkunam, Semampadi, Ramapuram	Two years	Blackgram and Greengram	Low productivity, Imbalanced nutrition, Lack of foliar nutrition	INM, Varietal popularization
					Bhendi	Poor quality fruits, Imbalanced nutrition	INM, Soil testing
					Brinjal	Shoot and fruit borer	IPM
					Water melon	Poor plant population, Differential maturity of fruits.	Nursery management
						Maleness	Growth regulator application INM, Soil testing
						Imbalanced nutrition	
						Bud necrosis	IDM
					Cow	Anoestrum	Reproductive management.
4	Chengam	Chengam	**Pudupalayam cluster** Padiagraharam, Peiyeri, Devanandal	Two years	Sunflower	Low productivity, Imbalanced nutrition, Lack of foliar nutrition	INM, Varietal introduction
					Blackgram	Low productivity, Imbalanced nutrition, Lack of foliar nutrition	INM, Varietal introduction

	Chengam	Chengam	**Pudupalayam cluster** Padiagraharam, Peiyeri, Devanandal	Two years	Chillies	Poor quality seedlings, Poor field establishment	Nursery management
						Flower drop	Growth regulator application, Foliar nutrition
						Imbalanced nutrition	INM, soil testing
						Die back and fruit rot – Chillies	IDM
					Tube rose	Imbalanced nutrition	INM, Soil testing
					Livestock	Lack of quality fodder supply	Fodder cultivation.
						Shortage of green fodder	
						Lack of awareness on improved fodder varieties	
5	Chengam	Chengam	**Paramanandal cluster** Paramanandal, Krishnapuram, Pudupattu, Pakripalayam, Alaputhur, Kilkachirapattu, Isukallikatteri, Andampallam	Two years	Cotton	Low productivity and imbalanced nutrition	INM
						Lack of awareness on improved varieties	Varietal popularization
						Bollworm and sucking pests	IPM
					Sunflower	Low productivity, Imbalanced nutrition, Lack of foliar nutrition	INM, Varietal introduction
					Tapioca	Lack of awareness on improved production technologies.	Precision farming
						Mosaic	IDM

6	All cluster	Vandavasi, Arni, Polur, Chengam	Desur, Arni,Indiravanam, Pudupalayam and Paramandanl clusters	-	Vegetables	Yield fluctuation due to reduction in soil fertility	Precision farming
						Indiscriminate use of chemical fertilizers and pesticides	
						Lack of knowledge on advanced production techniques.	
						Lack of awareness on potential market avenues	
						Weed menace	Integrated weed management
						Low organic addition	Organic manure production
					Fruits and vegetables	Low market price	Value addition and post harvest management.
						Non availability of farmer friendly energy saving device	
						Lack of awareness on post harvest management	
7	Vadavasi, Arni, Polur and Chengam	Chengam, Chetpet, Peranamallur, Thellar	Desur, Arni,Indiravanam, Pudupalayam and Paramanandal clusters	-	Cow	Low milk yield & anoestrus	Nutrition management.
						High cost of concentrate feed, low milk yield, poor growth	Popularization of alternate feed supplementation - Azolla
						Lack of quality fodder supply and fodder shortage	Fodder cultivation
					Poultry	Low productivity of local backyard poultry	Popularization of rodo white chicken for backyard poultry

2.9 Priority thrust areas

S. No	Thrust area
1	Improved crop management practices
2	Drought mitigation
3	Alternate cropping
4	Mechanization
5	Integrated Nutrient Management
6	Precision farming
7	Popularization of high yielding varieties and hybrids
8	Foliar nutrition in horticultural crops
9	Improved nursery management in vegetable crops
10	Integrated Pest and disease management
11	Deworming and deticking
12	Reproductive management
13	Disease management in poultry
14	Popularization of community based incubator
15	Fodder cultivation
16	Drudgery reduction
17	Value addition
18	Usage of energy saving devices
19	Kitchen gardening
20	Contract farming in pulp and matchwood .
21	Popularization of clonal varieties in agro forestry.

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
5	5	85	85	14	14	155	155

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
209	108	3344	2076	138	566	11560	19322

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
45.0	14.15	28040	75956

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
1650	1695	4000	1681

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	IDM	Paddy	Poor adoption of seed treatment method	Mgt. of brown spot in paddy	-	1	-	-	2	-	-	-	2	6
2	ICM	Redgram	Poor establishment and weed menace in early stage	Assessment of planting method in redgram	-	1	-	-	3	0.03	-	-	2	15
3	ICM	Blackgram (Special pulses programme)	Poor yield for using local variety	-	Popularization of blackgram (VBN-3)	2	-	-	-	0.8	-	-	2	Rhizobium 2 kg P.bacteria – 2 kg
4	Nursery management	Vegetables	Low germination, Poor field establishment	-	-	3	1	-	2	-	-	-	-	-
5	Nursery management	Fruits	Non availability of good quality planting materials	-	-	-	-	-	-	-	1196	-	-	-

6	INM	Vegetables	Imbalanced nutrition	-	-	6	-	-	2	-	-	-	1	
7	Popularization of improved varieties / Hybrids	Vegetables	Lack of awareness on improved varieties / Hybrids	-	Popularization of improved brinjal hybrid COBH-2 Popularization of improved snake gourd variety PLR(SG)-2 Popularization of improved tomato hybrid Arka ananya	3	-	-	2	0.038	-	-	-	-
8	Growth regulator application	Vegetables	Lack of growth regulators application	-	-	1	-	-	1	-	-	-	-	-
9	Precision farming	Vegetables	Lack of awareness on improved production techniques	-	-	3	-	1	3	-	-	-	-	-
10	IPM	Brinjal	Shoot and fruit borer	-	Mgt. of shoot and fruit borer in brinjal	1	-	-	2	-	-	-	1	250
													1	12 cc
11	IPM	Tomato	Fruit borer	Mgt. of fruit borer in tomato	-	1	-	-	2	-	-	-	1	250 LE (6 Nos)
12	Foliar nutrition	Banana	Low bunch grade, Lack of MN application	-	Yield maximization through foliar nutrition in banana	2	-	-	2	-	-	-	-	-
13	Fodder production	Fodder	Lack of quality fodder production	-	Popularization of fodder in silvi pasture system	4	-	-	1	0.075	45250	-	-	-

14	Community owned Incubator	Poultry	Poor hatchability	-	Popularization of community based incubator among alternative poultry farmers	2	-	-	2	-	-	-	-	-
15	Disease management	Poultry	Ranikhet disease	Control of Ranikhet disease in desi chicken	-	3	-	-	4	-	-	-	-	-
16	Nutrition management	Dairy cattle	Low milk yield & Anoestrum	Area specific mineral mixture for dairy cows	-	4	-	-	3	-	-	-	-	-
17	Energy saving device	Vegetables	Non availability of farmer friendly zero energy device	-	Popularization of CRIDA vegetable preservator	4	-	-	-	-	-	-	-	-
18	Value addition	Banana	Non availability of farmer friendly technology	-	Demonstration on mechanical fibre extraction	1	-	-	-	-	-	-	-	-
19	Value addition	Field crops, Vegetables & Milk	Low market price	-	-	8	1	-	-	-	-	-	-	-
20	Drudgery reduction	Field crops, Vegetables	Non availability of farmer friendly equipments	-	-	1	-	-	-	-	-	-	-	-

21	Kitchen garden	Vegetables	Imbalanced diet	-	-	2	-	-	-	-	-	-	-	-
22	Income generation	Mushroom	Low income	-	-	1	-	-	-	-	-	-	-	-
23	Popularization of match wood	Malai vembu	Low income	-	Popularization of match wood (Malai vembu)	7	-	1	-	-	1000	-	-	-
24	Popularization of improved clonal variety	Bamboo & timber trees	Poor yield	-	-	4	-	-	-	-	14310	-	-	-
25	Contract farming of pulp and matchwood	Pulp and matchwood	Poor yield	-	-	4	-	-	-	-	-	-	-	-

3.B2. Details of technology used during reporting period

S. No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others – Extension. Activities
1	2	3	4	5	6	7	8
1	Integrated crop management	TNAU	Pulses	-	1	2	-
2	Improved nursery management	TNAU	Vegetables	-	-	4	2
3	Production technology for improved hybrids/varieties	TNAU	Vegetables	-	3	3	2
4	INM	TNAU	Vegetables	-	-	6	2
5	Foliar application of growth regulators	TNAU	Vegetables	-	-	1	2
6	Precision farming	TNAU	Vegetables	-	-	4	3
7	IPM	TNAU	Tomato, Brinjal	1	1	2	4
8	Foliar nutrition	NRCB	Banana	-	1	1	2
9	Precision farming	TNAU	Banana	-	-	1	2
10	Control of Ranikhet disease in desi chicken	TANUVAS	Poultry	1	-	3	4
11	Area specific mineral mixture for dairy cows	TANUVAS	Dairy cattle	1	-	4	3
12	Popularization of fodder in silvipasture system	TANUVAS	Fodder	-	1	4	1

13	Popularization of community based incubator among alternative poultry farmers	TANUVAS	Poultry	-	1	2	2
14	Popularization of CRIDA vegetable preservator	CRIDA	Vegetables	-	1	2	2
15	Demonstration of mechanical fibre extraction	CTRI	Banana	-	1	1	2
16	Value addition	TNAU	Field crops, vegetables	-	-	9	2
17	Kitchen gardening	TNAU	Vegetables	-	-	2	2
18	Drudgery reduction	TANU, CIAE	Field crops and Vegetables	-	-	1	2
19	Contract farming of pulp and matchwood	TNAU & IFGTB	Casuraina, Matchwood, Eucalyptus	-	1	12	2
20	Popularization of clonal variety	TNAU & IFGTB	Bamboo, Timber trees	-	-	4	1

3.B2 contd..

Sl.No	No. of farmers covered															
	OFT				FLD				Training				Others (Specify)			
	General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	9	1	-	-	36	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	56	25	-	3	35	12	2	1
3	-	-	-	-	29	1	-	-	29	1	-	-	41	13	4	3
4	-	-	-	-	-	-	-	-	109	8	3	-	48	19	8	6
5	-	-	-	-	-	-	-	-	16	-	-	-	39	28	10	2
6	-	-	-	-	-	-	-	-	43	7	-	-	102	28	5	12
7	10	-	-	-	10	-	-	-	33	-	-	-	82	31	4	2
8	-	-	-	-	10	-	-	-	10	-	-	-	49	5	3	4
9	-	-	-	-	-	-	-	-	18	-	-	-	42	21	8	4
10	33	-	7	-	-	-	-	-	42	12	10	-	14	8	4	2
11	20	-	-	-	-	-	-	-	34	14	4	-	10	6	4	-
12	-	-	-	-	10	-	-	-	42	10	-	4	18	8	6	4
13	-	-	-	-	5	-	-	-	30	-	-	-	8	4	7	1
14	-	-	-	-	-	15	-	-	23	117	-	60	8	7	2	3
15	-	-	-	-	-	20	-	-	-	20	-	-	12	13	4	2
16	-	-	-	-	-	-	-	-	-	137	-	60	18	2	3	1
17	-	-	-	-	-	-	-	-	-	18	-	21	12	3	2	1
18	-	-	-	-	-	-	-	-	16	-	-	-	10	6	2	2
19	-	-	-	-	3	-	1	1	163	8	40	24	12	2	2	-
20	-	-	-	-	-	-	-	-	57	10	4	2	15	6	4	1

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	-	-	-	-	-	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	1	-	-	-	-	1
Integrated Crop Management	-	-	1	-	-	-	-	-	-	1
Integrated Disease Management	1	-	-	-	-	-	-	-	-	1
Small Scale Income Generation Enterprises	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Total	**1**	**-**	**1**	**-**	**1**	**-**	**-**	**-**	**-**	**3**

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-
Nutrition Management	1	-	-	-	-	1
Disease of Management	-	1	-	-	-	1
Value Addition	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-
TOTAL	**1**	**1**	**-**	**-**	**-**	**2**

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

4.B. Achievements on technologies Assessed and Refined

- NIL -

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
Integrated Nutrient Management	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	Tomato	Management of fruit borer in tomato	10	10	2
Integrated Crop Management	Redgram	Assessment of planting method in redgram	5	5	2
	-	-	-	-	-
Integrated Disease Management	Paddy	Management of brown spot in paddy	10	10	2
	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	-	-	-	-	-
	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-
	-	-	-	-	-
Farm Machineries	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-

Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	-	-	-	-	-
Total	**-**	**-**	**25**	**25**	**6**

4.B.2. Technologies Refined under various Crops : Nil

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 Animals (Nos)
Evaluation of breeds	-	-	-	-
Nutrition management	Dairy cattle	Area specific mineral mixture for dairy cows	20	40
Disease management	Poultry	Control of Ranikhet disease in *desi* chicken	40	4000
Value addition	-	-	-	-
Production and management	-	-	-	-
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total			**60**	**4040**

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

4.C1. Results of Technologies Assessed

Results of On Farm Trial

A. Agronomy

1. Management of brown spot in paddy

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 done / needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	Irrigated	Poor adoption of seed treatment method, Indiscriminate use of fungicide	Mgt. of brown spot in paddy	10	**TO1:** Spraying mancozeb @ 1 kg/ha (15%)	Disease incidences	6	TO3 found best	TO3 was best terms of yield and income	-	-
					TO2: Spraying Carbendazim – 50 WP @ 1 gm/lit –twice		4				
					TO3: Seed treatment with *Pseudomonas fluorescens* @ 10 g/kg seed + soil application of *Pseudomonas fluorescens* @ 2.5 kg/ha +spraying Propiconazole @ 1.5 ml/lit on 30 DAT.		1				

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**
TO1: Spraying mancozeb @ 1 kg/ha (15%)	-	46.08	Qtl/ha	13028.00	1.49 : 1
TO2: Spraying Carbendazim – 50 WP @ 1 gm/lit –twice	TNAU	54.80	Qtl/ha	21980.00	1.89 : 1
TO3: Seed treatment with *Pseudomonas fluorescens* @ 10 g/kg seed + soil application of *Pseudomonas fluorescens* @ 2.5 kg/ha +spraying Propiconazole @ 1.5 ml/lit on 30 DAT.	TNAU	56.50	Qtl/ha	23865.00	1.98 : 1

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

1 Title of Technology Assessed : Management of brown spot in paddy

2 Problem Definition : Poor adoption of seed treatment method, Indiscriminate use of fungicide

3 Details of technologies selected for assessment :

TO1: Spraying mancozeb @ 1 kg/ha (15%)

TO2: Spraying Carbendazim – 50 WP @ 1 gm/lit –twice

TO3: Seed treatment with Pseudomonas fluorescens @ 10 g/kg seed + soil application of Pseudomonas fluorescens @ 2.5 kg/ha +spraying Propiconazole @ 1.5 ml/lit on 30 DAT.

4 Source of technology : TNAU

5 Production system and thematic area : Irrigated / IDM

6 Performance of the Technology with performance indicators:

Disease incidence (%)	TO1	:	6
	TO2	:	4
	TO3	:	1

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : TO-3 resulted in lesser incidence of disease

8 Final recommendation for micro level situation : TO-3 seed treatment and soil application Pseudomonas fluorescens, Propiconazole spraying can be followed for the best control of brown spot disease in paddy

9 Constraints identified and feedback for research : -

10 Process of farmers participation and their reaction : Farmers actively participated in the demonstration. They opined that To3 is practically feasible and economically viable.

2. Assessment of planting method in redgram

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 done / needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Redgram	Irrigated	Poor establishment and weed menace in early stage	Assessment of planting method in redgram	5	***TO1:*** *Broadcasting of seeds/Dibbling in the furrows.* *(Upto 15-20 % due to poor plant population and weed menace.* **TO2:** Raising seedlings in poly bag and transplanting 30- 40 days.	Yield	In progress				

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**
TO1: *Broadcasting of seeds/Dibbling in the furrows. (Upto 15-20 % due to poor plant population and weed menace.*	-	In progress			
TO2: Raising seedlings in poly bag and transplanting 30- 40 days.	TNAU				

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

1 Title of Technology Assessed : Assessment of planting method in paddy

2 Problem Definition : Poor establishment and weed menace in early stage

3 Details of technologies selected for assessment :

TO1: Broadcasting of seeds/Dibbling in the furrows. (Upto 15-20 % due to poor plant population and weed menace.

TO2: Raising seedlings in poly bag and transplanting 30- 40 days.

4 Source of technology : TNAU

5 Production system and thematic area : Irrigated / Crop Management

6 Performance of the Technology with performance indicators : In progress

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : In progress

8 Final recommendation for micro level situation : -

9 Constraints identified and feedback for research : -

10 Process of farmers participation and their reaction : -

B. Horticulture

1. Management of fruit borer in Tomato

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 done / needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Tomato	Irrigated	Fruit borer	Mgt. of fruit borer in tomato	10	**TO1:** Foliar application of chlorinated hydrocarbons, organophosphates and synthetic pyrethroids alongwith growth promoters as advised by pesticide dealers **TO2:** Collection and destruction of infected fruits • Setting up of pheromone traps @ 15/ha Carbaryl 50WP @ 2 gm/lit - twice **TO3:** Collection and destruction of infected fruits • Setting up of pheromone traps @ 15/ha • Flubendamide 480 SC @ 0.1% twice • Grow 40 days old American tall mari gold along with tomato @ 1:10 rows	Pest incidence (%)	In progress				

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**
TO1: Foliar application of chlorinated hydrocarbons, organophosphates and synthetic pyrethroids alongwith growth promoters as advised by pesticide dealers	-	In progress			
TO2: Collection and destruction of infected fruits • Setting up of pheromone traps @ 15/ha • Carbaryl 50WP @ 2 gm/lit – twice • Spraying of NPV 250 lit - twice	TNAU				
TO3: Collection and destruction of infected fruits • Setting up of pheromone traps @ 15/ha • Flubendamide 480 SC @ 0.1% twice • Grow 40 days old American tall mari gold along with tomato @ 1:10 rows	TNAU				

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

1 Title of Technology Assessed : Management of fruit borer in tomato

2 Problem Definition : Fruit borer

3 Details of technologies selected for assessment :

TO1: Foliar application of chlorinated hydrocarbons, organophosphates and synthetic pyrethroids alongwith growth promoters as advised by pesticide dealers

TO2: * Collection and destruction of infected fruits

* Setting up of pheromone traps @ 15/ha

* Carbaryl 50WP @ 2 gm/lit – twice

* Spraying of NPV 250 lit - twice

TO3: ***** Collection and destruction of infected fruits

* Setting up of pheromone traps @ 15/ha

* Flubendamide 480 SC @ 0.1% twice

* Grow 40 days old American tall mari gold along with tomato @ 1:10 rows

4 Source of technology : TNAU

5 Production system and thematic area : Irrigated / IPM

6 Performance of the Technology with performance indicators : OFT in progress

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 : -

D. Animal Science

1. Area specific mineral mixture for dairy cows

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 done / needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Dairy cattle	-	No mineral mixture supplementation	Area specific mineral mixture for dairy cows	20	**TO1:** No mineral mixture supplementation **TO2:** TANUVAS mineral mixture 30-50 g/day-365 days **TO3:** Area specific TANUVAS mineral mixture 30-50 g/day-365 days	* Milk yield * Onset of first oestrum after calving * No. of inseminations for one conception	In progress		-	-	-

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**
TO1: No mineral mixture supplementation	-	-	-	-	-
TO2: TANUVAS mineral mixture 30-50 g/day-365 days	TANUVAS	-	-	-	-
TO3: Area specific TANUVAS mineral mixture 30-50 g/day-365 days	TANUVAS	-	-	-	-

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

1	Title of Technology Assessed	: Area specific mineral mixture for dairy cows
2	Problem Definition	: Poor milk yield and anoestrum
3	Details of technologies selected for assessment	:

TO1: No mineral mixture supplementation

TO2: TANUVAS mineral mixture 30-50 g/day-365 days

TO3: Area specific TANUVAS mineral mixture 30-50 g/day-365 days

4	Source of technology	: TANUVAS
5	Production system and thematic area	: Nutrition management
6	Performance of the Technology with performance Indicators	: In progress
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	: -

2. Control of Ranikhet disease in *desi* chicken

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 done / needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Poultry	-	No vaccination	Control of Ranikhet disease in *desi* chicken	40	**TO1:** No vaccination **TO2:** 1. Lasota vaccine-eye drops 7^{th} to 14 th day 2. RDVK vaccine subcutaneously on 8^{th} to 16^{th} week **TO3:** 1. Oral pellet Ranikhet vaccine 7^{th} to 14 th day 2. RDVK vaccine subcutaneously on 8^{th} to 16^{th} week	* Mortality % * Disease incidence * BCR	In progress		-	-	-

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**
TO1: No vaccination	-	-	-	-	-
TO2: 1. Lasota vaccine-eye drops 7^{th} to 14 th day 2. RDVK vaccine subcutaneously on 8^{th} to 16^{th} week	TANUVAS	-	-	-	-
TO3: 1. Oral pellet Ranikhet vaccine 7^{th} to 14 th day 2. RDVK vaccine subcutaneously on 8^{th} to 16^{th} week	TANUVAS	-	-	-	-

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

1	Title of Technology Assessed	: Control of Ranikhet disease in *desi* chicken
2	Problem Definition	: Ranikhet disease
3	Details of technologies selected for assessment	:

TO1: * No vaccination

TO2: * Lasota vaccine-eye drops 7th to 14 th day.

* RDVK vaccine subcutaneously on 8th to 16th week.

TO3: * Oral pellet Ranikhet vaccine 7th to 14 th day.

* RDVK vaccine subcutaneously on 8th to 16th week.

4	Source of technology	: TANUVAS
5	Production system and thematic area	: Disease management
6	Performance of the Technology with performance Indicators	: In progress
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	: -

4.D1. Results of Technologies Refined : Nil

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2010-11

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area
1	2	3	4	5	6	7	8
1	Oilseeds	-	-	-	-	-	-
2	Pulses	Irrigated	Rabi'10-11	Blackgram	VBN-4	-	Drought mitigation
		Irrigated	Rabi'10-11	Blackgram (Special pulses Prog)	VBN-3	-	Popularization of improved variety
3	Cereals	Irrigated	Rabi'10-11	Paddy	ADT-43	-	Mechanization
		Irrigated	Rabi'10-11	Paddy	-	CORH-3	Popularization of improved hybrid in SRI
4	Millets	-	-	-	-	-	-
5	Vegetables	Irrigated	Kharif' 10	Brinjal	-	COBH-2	Popularization of improved hybrid
		Irrigated	Kharif'10	Snake gourd	PLR(SG)-2	-	Popularization of improved variety
		Irrigated	Rabi'10-11	Brinjal	Mullu kathiri	-	IPM
		Irrigated	Rabi'10-11	Tomato	-	Arka ananya	Popularization of improved hybrid
6	Flowers	-	-	-	-	-	-
7	Ornamental	-	-	-	-	-	-
8	Fruit	Irrigated	Rabi'10-11	Banana	Monthan	-	Foliar nutrition

9	Spices and condiments	-	-	-	-	-	-
10	Commercial	-	-	-	-	-	-
11	Medicinal and aromatic	-	-	-	-	-	-
12	Fodder	Irrigated	Rabi 11	CO(CN)-4 fodder, Guinea grass, Hedge lucern, Subabul seedlings	-	-	Popularization of high yielding varieties
13	Plantation	-	-	-	-	-	-
14	Fibre	-	-	-	-	-	-
15	Dairy	-	-	-	-	-	-
16	Poultry	-	2010-11	Poultry	-	-	Popularization of Incubator
17	Rabbitry	-	-	-	-	-	-
18	Piggery	-	-	-	-	-	-
19	Sheep and goat	-	-	-	-	-	-
20	Duckery	-	-	-	-	-	-
21	Common carps	-	-	-	-	-	-
22	Mussels	-	-	-	-	-	-
23	Ornamental fishes	-	-	-	-	-	-
24	Oyster mushroom	-	-	-	-	-	-

25	Button mushroom	-	-	-	-	-	-
26	Vermicompost	-	-	-	-	-	-
27	Sericulture	-	-	-	-	-	-
28	Apiculture	-	-	-	-	-	-
29	Implements	-	-	-	-	-	-
30	Vegetable preservator	-	Rabi 2011	Vegetables	-	-	Post harvest management
31	Banana fibre extractor	-	Rabi 2011	Banana	-	-	Post harvest management
32	Others – Tree crop	Irrigated	Rabi'10-11	Malai vembu	Melia dubia	-	Popularization of malai vembu

5.A Contd…

Sl. No.	Category	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
			Proposed	Actual	SC/ST	Others	Total	
1	**2**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
1	Oilseeds	-	-	-	-	-	-	-
2	Pulses	Use of mini mobile sprinkler Seed treatment with Pseudomonas and Beuvaria @ 5 g/kg. Seed treatment with *T.Virde* @ 4 g/kg of seed Seed treatment with Rhizobium and Phosphobacteria 600g/ha each. Spray of Cycocel @ 200 ppm Spray of Propiconazole @ 750 ml/ha	3	3	In progress			
	Pulses	**Special pulses programme** Seed treatment with Carbendazim @ 3.0g/kg seed & Rhizobium culture @ 1 pocket/10 kg seed Spray of imidachloprid 20 gm/ac at flower initiation and podding stage to control of thrips	4	4	-	10	10	-

3	Cereals	**Total mechanization in paddy** Seed – 20 kg/ha - @ Rs.30/kg Seed tray- 400 tray - @ Rs.3/tray Carbendazim – 2gm/kg – @ Rs.100 Azospirillum, Phosphobacteria (both seed treatment and seedling root dip) –4 kg @ Rs.30/kg Seedling raising cost Transplanting hire charges- 2.5 hrs @ 2800/hr Butachlor @ 1.25 kg a.i/ha on 3rd DAT Conoweeder weeding (2 times) on 10th and 35th DAT Paddy harvester hiring charges – 3.75 hr/ha @ 1100/hr	2	2	-	10	10	-
		<u>Popularization of CORH 3 in SRI method</u> Seed – CO(R)H-3 – 8 kg Pseudomonas fluorescens – 2.6 kg Methylobacterium – 2.5 kg Azospirillum – 0.600 kg Chlorantraniprole – 30 gm	5	5	-	10	10	-

4	Millets	-	-	-	-	-	-	-
5	Vegetables	Cultivation of improved brinjal hybrid-COBH-2	2	2	0	10	10	-
		Cultivation of improved snake gourd variety-PLR(SG)-2	4	4	0	10	10	-
		IPM practices in brinjal comprising collection and destruction of affected shoots, basal application of neemcake @ 250 kg/ha. installation of pheromome trap @ 12/ ha, Thiodicarb - 300 gm/ha-45 days after planting (DAP), Spinosad-5% SC- 200 ml/ha-75 and 90 DAP	2	2	0	10	10	-
		Cultivation of Arka ananya tomato hybrid	2	2	0	10	10	-
6	Flowers	-	-	-	-	-	-	-
7	Ornamental	-	-	-	-	-	-	-
8	Fruit	**Foliar nutrition in banana** Foliar application of banana shakthi @ 2% - 3 sprays during 4,5 & 6^{th} months of planting Bunch spray of 2 % Potassium sulphate – 2 sprays first after opening of last hand and second one month later.	2	2	0	10	10	-
9	Spices and condiments	-	-	-	-	-	-	-

10	Commercial	-	-	-	-	-	-	-
11	Medicinal and aromatic	-	-	-	-	-	-	-
12	Fodder	Popularization of fodder in silvi pasture system	1	1	0	10	10	-
13	Plantation	-	-	-	-	-	-	-
14	Fibre	-	-	-	-	-	-	-
15	Dairy	-	-	-	-	-	-	-
16	Poultry	Popularization of community based incubator among alternative poultry farmers	1	1	0	5	5	-
17	Rabbitry	-	-	-	-	-	-	-
18	Pigerry	-	-	-	-	-	-	-
19	Sheep and goat	-	-	-	-	-	-	-
20	Duckery	-	-	-	-	-	-	-
21	Common carps	-	-	-	-	-	-	-
22	Mussels	-	-	-	-	-	-	-
23	Ornamental fishes	-	-	-	-	-	-	-
24	Oyster mushroom	-	-	-	-	-	-	-

25	Button mushroom	-	-	-	-	-	-	-
26	Vermicompost	-	-	-	-	-	-	-
27	Sericulture	-	-	-	-	-	-	-
28	Apiculture	-	-	-	-	-	-	-
29	Implements	-	-	-	-	-	-	-
30	Vegetable preservator	Popularization of CRIDA vegetable preservator	3 (Unit)	3 (Unit)	0	15	15	
31	Banana fibre extractor	Demonstration on mechanical fibre extraction	1 (Unit)	1 (Unit)	Machine yet to be received			
32	Others- Tree crops	Block planting in agro forestry system	1	1	2	3	5	-

5.A. 1. Soil fertility status of FLDs plots during 2010-11

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	'	-	-	-	-	-	-	-	-	-	-
2	Pulses	Irrigated	Rabi'10-11	Blackgram	VBN-4	-	Drought mitigation	Use of mini mobile sprinkler Seed treatment with Pseudomonas and Beuvaria @ 5 g/kg. Seed treatment with *T.Virde* @ 4 g/kg of seed Seed treatment with Rhizobium and Phosphobacteria 600g/ha each. Spray of Cycocel @ 200 ppm Spray of Propiconazole @ 750 ml/ha	L	L	L	Paddy

3	Special pulses programme	Irrigated	Rabi 10-11	Blackgram	VBN-3	-	Popularization of blackgram (VBN-3)	Seed treatment with Carbendazim @ 3.0g/kg seed & Rhizobium culture @ 1 pocket/10 kg seed Spray of imidachloprid 20 gm/ac at flower initiation and podding stage to control of thrips	L	M	L	Groundnut
4	Cereals	Irrigated	Rabi'10-11	Paddy	ADT-43	-	Mechanization	Total mechanization in paddy	L	M	L	Paddy
5		Irrigated	Rabi'10-11	Paddy	-	CORH-3	Popularization of hybrid in SRI	Cultivation of improved hybrid - CO(R)H -3 in SRI method	L	L	L	Paddy
6	Millets	-	-	-	-	-	-	-	-	-	-	-
7	Vegetables	Irrigated	Kharif' 10	Brinjal	-	COBH-2	Popularization of improved hybrid	Cultivation of improved brinjal hybrid-COBH-2	L	L	L	Chillies, Brinjal

8	Vegetables	Irrigated	Kharif'10	Snake gourd	PLR(SG)-2	-	Popularization of improved variety	Cultivation of improved snake gourd variety-PLR(SG)-2	L	L	L	Ribbed gourd, Bitter gourd
9	Vegetables	Irrigated	Rabi'10-11	Brinjal	Mullu kathiri	-	IPM	**IPM practices in brinjal** comprising collection and destruction of affected shoots, basal application of neemcake @ 250 kg/ha. installation of pheromome trap @ 12/ ha, Thiodicarb - 300 gm/ha-45 days after planting (DAP), Spinosad-5% SC- 200 ml/ha-75 and 90 DAP	L	L	L	Brinjal, Groundnut
10	Vegetables	Irrigated	Rabi'10-11	Tomato	-	Arka ananya	Popularization of improved hybrid	Cultivation of Arka ananya tomato hybrid	L	L	L	Brinjal, Gherkin
11	Flowers	-	-	-	-	-	-	-	-	-	-	-

12	Ornamental	-	-	-	-	-	-	-	-	-	-	-
13	Fruit	Irrigated	Rabi'10-11	Banana	Monthan	-	Foliar nutrition	**Foliar nutrition in banana** Foliar application of banana shakthi @ 2% - 3 sprays during 4,5 & 6th months of planting Bunch spray of 2 % Potassium sulphate – 2 sprays first after opening of last hand and second one month later.	L	L	L	Paddy
14	Spices and condiments	-	-	-	-	-	-	-	-	-	-	-
15	Commercial	-	-	-	-	-	-	-	-	-	-	-
16	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-
17	Fodder	-	-	-	-	-	-	-	-	-	-	-
18	Plantation	-	-	-	-	-	-	-	-	-	-	-
19	Fibre	-	-	-	-	-	-	-	-	-	-	-
20	Others-Tree crops	Irrigated	Rabi'10-11	Malai vembu	Melia dubia	-	Popularization of malai vembu	Block planting in agro forestry system	L	L	L	Fallow land

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
							Demo			Check	
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Oilseeds	-	-	-	-	-	-	-	-	-	-	-
Pulses	Use of mini mobile sprinkler Seed treatment with Pseudomonas and Beuvaria @ 5 g/kg. Seed treatment with *T.Virde* @ 4 g/kg of seed Seed treatment with Rhizobium and Phosphobacteria 600g/ha each. Spray of Cycocel @ 200 ppm Spray of Propiconazole @ 750 ml/ha	VBN-4	-	Irrigated	10	5	In progress				

Pulses	**Special pulses programme** Seed treatment with Carbendazim @ 3.0g/kg seed & Rhizobium culture @ 1 pocket/10 kg seed Spray of imidachloprid 20 gm/ac at flower initiation and podding stage to control of thrips	VBN-3	-	Irrigated	10	4	8.20	7.10	7.70	6.45	19.3
Cereals	**<u>Total mechanization in paddy</u>** Total mechanization in paddy	ADT-43	-	Irrigated	10	2	54.25	46.85	51.04	44.60	14.43
Cereals	**<u>Popularization of CORH 3 in SRI method</u>** Cultivation of improved hybrid - CO(R)H -3 in SRI method	-	CORH-3	Irrigated	10	5	In progress				
Millets	-	-	-	-	-	-	-	-	-	-	-
Vegetables	Cultivation of improved brinjal hybrid-COBH-2	-	COBH-2	Irrigated	10	2	381.2	369.10	375.06	201.50	86.13

Vegetables	Cultivation of improved snake gourd variety-PLR(SG)-2	PLR(SG)-2	-	Irrigated	10	4	210.30	190.50	198.92	212.5	- 6.39
Vegetables	**IPM practices in brinjal** comprising collection and destruction of affected shoots, basal application of neemcake @ 250 kg/ha. installation of pheromome trap @ 12/ ha, Thiodicarb - 300 gm/ha-45 days after planting (DAP), Spinosad-5% SC- 200 ml/ha-75 and 90 DAP	Mullu kathiri	-	Irrigated	10	2	In progress				
Vegetables	Cultivation of Arka ananya tomato hybrid	-	Arka ananya	Irrigated	10	2	In progress				
Flowers	-	-	-	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-	-	-	-

Fruit	**<u>Foliar nutrition in banana</u>** Foliar application of banana shakthi @ 2% - 3 sprays during 4,5 & 6th months of planting Bunch spray of 2 % Potassium sulphate – 2 sprays first after opening of last hand and second one month later.	Monthan	-	Irrigated	10	2	In progress				
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-
Fodder	**<u>Popularization of fodder in silvi pasture system</u>** CO(CN) - 4 fodder Guinea grass Hedge lucern Subabul seedlings	-	-	Irrigated	10	1	-	-	-	-	In progress
Plantation	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-
Others – Tree crops	Block planting in agro forestry system	Melai dubi	-	Irrigated	5	1	In progress				

5. B.1 Contd…

Crop	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
1	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
Oilseeds								
Pulses-Blackgram	In progress							
Special pulses programme	13500.00	22430.00	8930.00	1.6:1	10060.00	16025.00	5965.00	1.6:1
Cereals –Paddy-ADT-43	26420.00	43384.00	16964.00	1.64 : 1	27580.00	37910.00	10330.00	1.37 : 1
Paddy CORH-3	In progress							
Millets	-	-	-	-	-	-	-	-
Vegetables-Brinjal	98500.00	412566.00	314066.00	4.19 : 1	91800.00	261560.00	169760.00	2.84 : 1
Snake gourd	65500.00	179028.00	113528.00	2.73 : 1	61200.00	191250.00	130050.00	3.12 : 1
Brinjal	In progress							
Tomato	In progress							
Flowers	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-
Fruit - Banana	In progress							

Spices and condiments	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-
Fodder	In progress							
Plantation	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-
Others –Tree crops	In progress							

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

Crop	Data on other parameters in relation to technology demonstrated		
	Parameter with unit	**Demo**	**Check**
1	**21**	**22**	**23**
Pulses - Blackgram	In progress		
Special pulses programme (Blackgram) – VBN-3	Yield (Qtl)	8.20	6.45
Paddy-ADT-43	Yield (Qtl)	51.04	44.60
Paddy – CORH-3	In progress		
Brinjal-COBH-2	Fruit weight (gm)	91.92	88.63
	Days to 50 % flowering	53	55
Snake gourd – PLR(SG)-2	Fruit weight (gm)	266.52	124.14
	Days to 50 % flowering	36	40
Brinjal- Mullu kathiri	In progress		
Tomato- Arka ananya	In progress		
Banana - Monthan	In progress		

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Hatchability (%)		% Increase	*Economics of demonstration Rs./unit)				*Economics of check (Rs./unit)			
					Demo	Local		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Popularization of community based incubator among alternative poultry farmers	-	5	1	73	48	52	-	-	-	-	-	-	-	-
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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**
-	-	-

5.B.3. Fisheries : Nil

5.B.4. Other enterprises : Nil

5.B.5. Farm implements and machinery

Name of the implement	Cost of the implement in Rs.	Name of the technology demonstrated	No. of Demo	Area covered under demo in ha	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)
					Demo	Check		
Vegetable preservator	2977.00/Unit	Popularization of CRIDA vegetable preservator	15	-	In progress.			
Banana fibre extractor	37,344.00/Unit	Demonstration of mechanical fibre extraction	20	-	In progress.			

Name of the implement	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Vegetable preservator	In progress.							
Banana fibre extractor	In progress.							

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

Name of the implement	Data on other parameters in relation to technology demonstrated		
	Parameter with unit	**Demo**	**Local**
Vegetable preservator	In progress.		
Banana fibre extractor	In progress.		

5.B.6. Cotton

- Nil -

5.B.6.6 Technical Feedback on the demonstrated technologies on all crops / enterprise

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1	Paddy-ADT-43	Total mechanization in paddy	Less labour required
			Low seed rate
			Timely planting
			Uniform growth
			Better yield
2	Brinjal-COBH-2	Cultivation of improved brinjal hybrid – COBH-2	Higher yield
			Lesser incidence of shoot and fruit borer
			Fruits suitable for chutney and sambar making
			Plants with stand well in water stagnation
3	Snake gourd-PLR(SG)-2	Cultivation of improved snake gourd variety PLR(SG)-2	Fruit set low
			Fruits are bigger in size
			Yields lesser than the local check
4	Blackgram – VBN-3	Special pulses programme	Higher yield
			Incidence of YMV noticed

5.B.6.7 Farmers' reactions on specific technologies

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1	Paddy-ADT-43	Total mechanization in paddy	Less labour utilized
			Low seed rate
			Uniform growth gives higher yield
2	Brinjal-COBH-2	Cultivation of improved brinjal hybrid – COBH-2	Higher yield
			Higher net return
			Lesser incidence of pest and diseases
3	Snake gourd-PLR(SG)-2	Cultivation of improved snake gourd variety PLR(SG)-2	More flowers
			Less fruit set
			Low yield
			Bigger fruits
			Low net return
4	Blackgram – VBN-3	Special pulses programme	Higher yield
			Higher net return
			Incidence of YMV disease noticed

5.B.6.8 Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	13	379	-
2	Farmers Training	14	155	-
3	Media coverage	20	Infinite	-
4	Training for extension functionaries	3	54	-

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
					Demo			Check	
					H	L	A		
Cereals	-	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Paddy	Popularization of CORH-3 in SRI method	CORH-3	10	5	In progress				
Sorghum	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-
Tomato	Cultivation of Arka ananya tomato hybrid	Arka ananya	10	2	In progress				
Brinjal	Cultivation of improved brinjal hybrid – COBH-2	COBH-2	10	2	381.2	369.10	375.06	201.50	86.13
Okra	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	**30**	**9**	-	-	-	-	-

Contd …

Type of Breed	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-
Paddy	In progress							
Sorghum	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

Pulses	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-
Tomato	In progress							
Brinjal	98500.00	412566.00	314066.00	4.19 : 1	91800.00	261560.00	169760.00	2.84 : 1
Okra	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-

Coconut	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

PART VII. TRAINING

7.A. Farmers' Training 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										
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	3	41	29	70	-	-	-	41	29	70
Cropping Systems	2	35	-	35	10	-	10	45	-	45
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	3	16	10	26	8	6	14	24	16	40
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture										
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	2	28	11	39	0	3	3	28	14	42

Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others – Precision farming	3	56	7	63	-	-	-	56	7	63
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others – Precision farming	1	18	-	18	-	-	-	18	-	18
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	3	58	2	60	1	-	1	59	2	61
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	1	36	-	36	-	-	-	36	-	36
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	1	21	-	21	-	-	-	21	-	21
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-

Dairy Management	5	19	38	57	6	7	13	25	45	70
Poultry Management	2	30	13	43	1	-	1	31	13	44
Piggery Management	1	5	3	8	-	7	7	5	10	15
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others – Japanese quail rearing	4	29	44	73	-	2	2	29	46	75
Others – Goat rearing	3	28	34	62	5	-	5	33	34	67
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	1	-	18	18	-	3	3	-	21	21
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	1	6	18	24	-	-	-	6	18	24
Value addition	7	20	64	84	-	60	60	20	124	144
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others –Mushroom cultivation	1	8	10	18	-	-	-	8	10	18

Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	2	21	9	30	8	-	8	29	9	38
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-

Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-

Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others – Bio gas	1	60	-	60	-	-	-	60	-	60
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	7	78	30	108	8	4	12	86	34	120
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	2	28	8	36	4	2	6	36	10	42
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**56**	**641**	**348**	**989**	**51**	**94**	**145**	**696**	**442**	**1138**

7.B. Farmers' Training 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	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	1	20	-	20	-	-	-	20	-	20
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	1	15	2	17	-	-	-	15	2	17
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	2	19	1	20	0	0	0	19	1	20
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	1	10	8	18	0	0	0	10	8	18
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-

Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others – Growth regulators application	1	16	-	16	-	-	-	16	-	16
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-

Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	5	92	6	98	3	-	3	95	6	101
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	1	18	-	18	-	-	-	18	-	18
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Dairy Management	2	16	2	18	-	-	-	16	2	18
Poultry Management	2	24	14	38	3	-	3	27	14	41

Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	5	34	52	86	10	5	15	44	57	101
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	1	-	-	-		21	21	-	21	21
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	3	10	46	56	-	-	-	10	46	56
Value addition	2	3	34	37	-	-	-	3	34	37
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	1	16	-	16	-	-	-	16	-	16
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation	-	-	-	-	-	-	-	-	-	-

systems										
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	1	10	-	10	-	-	-	10	-	10
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-

Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	7	115	28	143	-	-	-	115	28	143
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	1	-	-	-	-	20	20	-	20	20
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**37**	**418**	**193**	**611**	**16**	**46**	**62**	**434**	**239**	**673**

7.C. Training for Rural Youths 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
Nursery Management of Horticulture crops	1	10	9	19	-	-	-	10	9	19
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	1	-	19	19	-	-	-	-	19	19
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	1	-	12	12	-	1	1	-	13	13

heep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
SRI in paddy	1	16	-	16	5	-	5	21	-	21
TOTAL	**4**	**26**	**40**	**66**	**5**	**1**	**6**	**31**	**41**	**72**

7.D. Training for Rural Youths 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
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	1	-	14	14	-	-	-	-	14	14
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	1	-	20	20	-	-	-	-	20	20
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	1	3	17	20	-	4	4	3	21	24

Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**3**	**3**	**51**	**54**	**0**	**4**	**4**	**3**	**55**	**58**

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
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	3	32	12	44	-	2	2	32	14	46
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Management in farm animals	2	19	15	34	1	2	3	20	17	37
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other -Personal hygiene practices for school going children	1	5	9	14	5	6	11	10	15	25
Any other – Precision farming	1	17	-	17	-	-	-	17	-	17
Any other – Cultivation of technology of malai vembu	1	14	-	14	-	-	-	14	-	14
Total	**8**	**87**	**36**	**123**	**6**	**10**	**16**	**93**	**46**	**139**

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

-Nil-

7.G. 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
1	**Crop production and management**	-	-	-	-	-	-	-	-	-	-
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	-	-	-	-	-	-	-	-	-	-
6	**Others (pl. specify)**	-	-	-	-	-	-	-	-	-	-
7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	Others – Nursery management in vegetables	1	10	9	19	-	-	-	10	9	19
8	**Farm machinery**	-	-	-	-	-	-	-	-	-	-
8.a.	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-
8.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
9.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-

a	Pig rearing	1	5	3	8	-	7	7	5	10	15
b	Dairy cattle rearing	4	4	37	41	3	17	20	7	54	61
c	Poultry rearing	1	11	8	19	-	-	-	11	8	19
10	**Livestock production and management**	-	-	-	-	-	-	-	-	-	-
10.a.	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
10.b.	Animal Disease Management	-	-	-	-	-	-	-	-	-	-
10.c	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-
10.d	Fisheries Management	-	-	-	-	-	-	-	-	-	-
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
11.	**Home Science**	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others-Value addition	1	-	6	6	-	16	16	-	22	22
12	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
12.a.	Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Others – Production technology - AF	1	5	9	14	-	-	-	5	9	14
12.c	Others – Bio gas technology	1	60	-	60	-	-	-	60	-	60
	Total	**10**	**95**	**72**	**167**	**3**	**40**	**43**	**98**	**112**	**210**

Details of sponsoring agencies involved

7.b. Vazhnthu kattuvom project, Thiruvannamalai district.

9.a. Vazhnthu kattuvom project, Thiruvannamalai district.

9.b. Vazhnthu kattuvom project, Thiruvannamalai district.

9.c. Vazhnthu kattuvom project, Thiruvannamalai district.

11.d Vazhnthu kattuvom project, Thiruvannamalai district.

12.b. Vazhnthu kattuvom project, Thiruvannamalai district.

12.c Department of bio energy, TNAU, Coimbatore

7.H. Details of vocational training programmes carried out by KVKs for rural youth

-Nil-

PART VIII – EXTENSION ACTIVITIES

Extension Programmes (including activities of 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	13	228	102	330	21	11	32	16	1	17
Kisan Mela	1	1185	555	1740	177	83	260	46	12	58
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-
Exhibition	3	2427	1275	3702	363	190	553	116	40	156
Film Show	19	293	75	368	44	11	55	79	5	84
Method Demonstrations	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	1	1185	555	1740	177	83	260	46	12	58
Workshop	-	-	-	-	-	-	-	-	-	-
Group meetings	4	70	11	81	6	-	6	3	-	3
Lectures delivered as resource persons	36	777	333	1110	106	50	156	36	9	45
Newspaper coverage	16	-	-	-	-	-	-	-	-	-
Radio talks	-	-	-	-	-	-	-	-	-	-
TV talks	27	-	-	-	-	-	-	-	-	-
Popular articles	-	-	-	-	-	-	-	-	-	-
Extension Literature	19	3026	1497	4523	452	228	680	63	12	75
Advisory Services	107	301	63	364	-	-	-	8	1	9
Scientific visit to farmers field	178	773	289	1062	115	82	197	88	11	99
Farmers visit to KVK	131	330	164	494	49	24	73	36	4	40
Diagnostic visits	2	12	1	13	-	-	-	-	-	-

Exposure visits	3	5	52	57	-	-	-	5	-	5
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	2	37	50	87	6	7	13	2	0	2
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days										
World Forest Day	1	40	29	69	6	4	10	9	7	16
World Food Day	1	-	67	67	-	9	9	3	2	5
World Women's Day	1	-	435	435	-	65	65	6	1	7
Any other –Village Development programme	1	25	5	30	-	-	-	2	-	2
Total	**566**	**10714**	**5558**	**16272**	**1522**	**847**	**2369**	**564**	**117**	**681**

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	ADT-43	-	12.05	24100.00	12
	Paddy	ADT-45	-	1.49	1490.00	2
Oilseeds	Sesame	SVPR-1	-	0.21	1113.00	2
Pulses	Blackgram	VBN-4	-	0.32	1504.00	1
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Flower crops	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Fodder crop seeds	Hedge lucern	-	-	0.075	3000.00	10
Fiber crops	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	-	-	-	**14.145**	**31207.00**	**27**

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	(Nos.)	Value (Rs)	Number of farmers to whom provided
Commercial	-	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-	-
Fruits	Mango	Bangalora, Banganapalli	-	528	21120.00	24
	Guava	L-49 & 46	-	100	1500.00	16
	Sapota	PKM-2	-	28	1120.00	6
	Pomogranate	Ganesh	-	30	450	6
Ornamental plants	-	-	-	110	1650.00	15

Medicinal and Aromatic	Vettiver	-	-	5200	1300.00	1
Plantation	Coconut	TxD	-	400	16000.00	24
Spices	-	-	-	-	-	-
Tuber	-	-	-	-	-	-
Fodder crop saplings	Cumbu napier	CO-4	-	29250	8775.00	25
	Guinea grass	-	-	26000	5100.00	11
Forest Species	Gulmohar	-	-	60	300.00	6
	Rose wood	-	-	1000	5000.00	10
	Kumil	-	-	2000	10000.00	18
	Vengai	-	-	2000	10000.00	24
	Magagony	-	-	2000	10000.00	20
	Red sander	-	-	1000	5000.00	25
	Sandal	-	-	50	1000.00	5
	Teak	Nilambur	-	4200	21000.00	40
	Polyalthia	-	-	1000	5000.00	20
	Rain tree	-	-	200	1000.00	5
	Subabul	-	-	300	1500.00	10
	Malai vembu	Melia dubia	-	500	6000.00	10
Others(specify)	-	-	-	-	-	-
Total	**-**	**-**	**-**	**75956**	**132815.00**	**321**

9.C. Production of Bio-Products

Bio Products	**Name of the bio-product**	**Quantity Kg**	**Value (Rs.)**	**Number of farmers to whom provided**
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	-	-	-	-
Others – Organic manure	Vermicompost	1681	8220.00	16
Total	**-**	**1681**	**8220.00**	**16**

9.D. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	Jersey cross & HF cross	2	29500.00	2
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others -Goat	Tellicherry	4	9900.00	3
Poultry	-	-	-	-
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	Japanese quail	1600	33009.00	127
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others –Backyard poultry	Rhodo white	84	13566.00	42
Others –Backyard poultry	Vanaraja	5	786.00	3
Piggery	-	-	-	-
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	**-**	**1695**	**86761.00**	**177**

9.E. Other products

Products	Name of the products	Quantity Kg / Lit	Value (Rs.)	Number of farmers to whom provided
Home care products	Phenyl	7.0	154.00	3
Preserved items	Pickle	26.1	3479.00	52
Mushroom	Mushroom	7.975	797.00	15
Total	**-**	**-**	**4430.00**	**70**

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.)

1. Date of Start : 12.09.2003
2. Periodicity : Half yearly
3. No. of copies distributed : 1500

(B) Literature developed/published

Item	Title	Authors name	No.
Research paper	-	-	-
Technical report	-	-	-
News letter	-	-	-
Technical bulletins	-	-	-
Popular articles	-	-	-
Extension literature			
Leaflets	IDM in groundnut	Mr. T. Gunalan	500
	IDM in paddy		500
	Application of growth regulators in horti crops	Mr.N.Rameshraja	500
	Protray vegetable seedling production technology		
	INM in chillies		500
	INM in bhendi		500
	Contract farming in tree crops	Mr.S.Murugesan	500
	Value addition of vegetables	Mrs.T.Margaret	500
	Vaccination schedule for livestock	Dr.G.Ganeshkumar	500

Pamphlets	Production technologies for black gram	Mr.N. Saravanan	500
	Production technologies for groundnut		300
	Objectives and activities of the KVK	Mr. R. Jothimani	1000
	Management of shoot and fruit borer in brinjal	Mr. T. Gunalan	300
	Production technologies for hybrid watermelon	Mr.N.Rameshraja	600
	Bio fertilizers usage in horticultural crops		700
	Prevention and control of important diseases in live stock	Dr. G. Ganeshkumar	300
	Backyard poultry – Rhodowhite rearing		500
	Japanese quail rearing		300
	Prevention and control of helminthic parasitic diseases in livestock.		700
	Reproductive management in dairy cattle		500
	Preparation low cost supplementary food	Mrs. T. Margaret	500
	Drudgery reducing agricultural equipments		
	Value addition of milk		500
	Value addition of fruits		500
	Value addition of vegetables		500
	Cultivation of malai vembu	Mr. S. Murugesan	500
	Cultivation of new important variety of casuarina		500
	Water testing and its importance	Mr.N. Saravanan	300
	Reclamation of problems soil		500
Booklets	System of rice intensification	Mr. N. Saravanan, Mr. N. Rameshjaja	500
	IPM in paddy		100
	Masala powders	Mrs. T. Margaret	300
Others	-	-	-
Total	-	-	**14400**

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1	DVD	Documentary on successful KVK activities	20

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. Total Mechanization in paddy

Mr. Devarajan / Nagappan is progressive farmer, cultivating paddy for the past Three decades. He is owning 15 acres of land. He has been cultivating ADT-43,45 Etc., in Rabi season regularly. Through out this period the highest yield he obtained was 3.5 tonnes/ha. But his earning was not sufficient to pay back his loans and to meet his family expenses. He was literally confused over what type of modern technique he has to use, so as to get more yield. Usually he used to spend more money in nursery preparation, seeds, pulling out, transplanting, weeding and harvesting.

Due to labour shortage he was unable to transplant the seedlings in time, as a result he got into the trouble like more pest and disease incidence, ultimately resulted in yield loss. This was a common phenomenon for the past five years.

In this situation, he approached KVK and got advice from the scientists about the mechanization in paddy. He on the advice of KVK followed mechanized paddy cultivation in an area of 5 acres.

He raised tray nursery using minimum quantity of seeds (3kg/acre). The transplanting was done in time using transplanter.

He carried out the weeding operation using conoweeder as per the requirement. He applied the fertilizers as per the soil test done by KVK. The required quantity of nitrogen has been applied using leaf colour chart (LCC). Application of N in split doses resulted in effective management of pest and diseases.

KVK scientists visted his field at weekly intervals and given necessary advices. Finally he got 4850 kg of yield which was 25% more than he practiced earlier. His cost of cultivation also considerably reduced due to total mechanization. In this method labour requirement was less, time saving in nursery preparation and the fertilizer application has been minimized. Losses of grains during harvest minimized due to harvester usage. Totally Rs.2000 to 2500 has been saved per acre as a result of total mechanization. At present mechanization in paddy is gaining momentum in Thiruvannamalai district.

2. Improved brinjal cultivation

Shri. Sekar belongs to Seeyamangalam village in Vandavasi taluk of Thiruvannamalai district. He engaged in brinjal cultivation for more than five years. He used to follow the traditional cultural practices of brinjal, as result, the income from the crop was not satisfactory due to problems viz,, shoot and fruit borer pest incidence, less fruit set, lack of uniformity of plants in field, low market price.

He approached Krishi Vigyan Kendra, Thiruvannamalai for the remedial measures to get rid off from his problems. On the advice of KVK scientists, he under gone intensive trainings on advance technologies in brinjal at KVK. Main focus was given on IPM in brinjal, INM with major focus on micro nutrients application, portray seedling production, grading and marketing strategies during the trainings.

He also took part in the exposure visits organized by KVK to various innovative vegetable farmers' fields mainly for the practical exposure and experience sharing. The trainings strengthened his knowledge and confidence.

He cultivated brinjal (variety: Ujala) in an area of 2 acres during Kharif'10-11. He adopted all the advanced technologies which he learnt in KVK. He took the help of KVK scientists as and when required.

He got an yield of 321.6 quintals from his two acres of land, it was 29.5% higher then his normal yield. Luckily during the season, the vegetables price touched its peak ever before. He sold his brinjal at an average rate of Rs.15/kg. He got an income of Rs. 482400/- from 2 acres. His net return for the season was Rs. 362400/-. "With the induction of new technologies my yield increased and quality of the produce was extremely good. The technological interventions have brought development". Thanks to KVK scientists team. Mr. Sekar opined with gratitude.

3. Improving milk production by fodder production

Mr.K.Sekar, a dairy farmer of S.V.Nagaram Village in Arni Taluk of Thiruvannamalai District, maintained 3 Jersey cross bred dairy cows since 2004. Even though he worked hard he could not earn more due to low milk production and infertility problems in his dairy animals. As he could not find a solution to the problem, he approached KVK during May 2010.

On verification, it was found that he was not feeding green fodder and mineral mixture to the cows and the farmer stated that non-availability of green fodder and lack of awareness about mineral mixture feeding as the prime reason for the same. Hence, he was advised to establish a green fodder unit in half acre of land to overcome the problem by providing necessary inputs and information.

He established a green fodder unit as advised and owing to this he has provided balanced feed along with regular mineral mixture feeding 30gms/day to the cows and thereby increased his profit. At present he is possessing 6 dairy cows and one acre fodder unit. He is earning Rs.750 more from each animal with reduced infertility problems in his animals.

4. Banana bunch cover:

Mr. Ramanathan, a farmer living in Athimalaipattu village of West Arni block, aged 55, involved in banana cultivation for the past 16 years. He used to follow conventional practices of other farmers in the area. But he was not satisfied with the quality of fruits. The economic return was also low due to less market price.

It was during the time his village was selected as operational area by the Krishi Vigyan Kendra.

He established close contact with KVK scientists in due course of time and he was also chosen as beneficiary for the technological intervention of KVK.

He has been intensively trained by KVK on advanced cultivation technologies of banana and usage of banana bunch covering technology. He adopted the banana bunch covering technology in an area of 1 acre initially. As a result he obtained below mentioned benefits.

* Yearly maturity (one month in advance)
* Fruits more uniform, well filled, free from dots and blemishes.
* Increased fruit weight (8%)
* Better market price (Rs.20 to 30 increased per bunch)
* Increased yield : 262.0 Q/acre (Demo – bunch covering)
  : 194.4 Q/acre (conventional)

His net income for the season was Rs. 128097/- per acre. After seeing the effectiveness of banana bunch covering technology, he extended the technology to an area of 2.5 acres. With confidence gained, he has been guiding other farmers on banana bunch covering.

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
1	Paddy	Garlic extract	Control of pests
2	Paddy	Ginger and chillies extract	Control of pests

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

*** FARMERS AND FARM WOMEN**

Survey, field visit, group discussion, information from panchayat presidents and progressive farmers. Discussion with line departments, NGO's and DRDA.

*** RURAL YOUTH**

Survey, information from Nehru Yuva Kendra and line department. Discussion with Women Development Corporation and DRDA.

*** IN SERVICE PERSONNEL**

Discussion with higher officials of the Line departments, NGO's feed back information from the ex-trainees.

10.G. Field activities

i.	No. of villages adopted	:	41
ii	No of families selected	:	2863
iii.	No. of survey/PRA conducted	:	11

10.H. Activities of Soil and Water Testing Laboratory

1. Date of establishment : 06.05.2005
2. List of equipments purchased with amount

S.No	Name of the Equipment	Qty.	Cost (Rs.)
a. Non-Recurring :			
1	Spectrometer	1	60301.00
2	Flame photometer	1	50250.00
3	pH meter	1	10010.00
4	Conductivity bridge	1	10444.00
5	Physical balance	1	9840.00
6	Chemical balance	1	100242.50
7	Water distillation still	1	99544.00
8	Kjeldahl digestion and distillation	2	60140.00
9	Shaker	2	49994.00
10	Refrigerator	1	19998.00
11	Oven	1	15034.00
12	Hotplate	1	24996.00
13	Grinder	1	30009.00
	Laboratory set up equipments :		
14	Iron rack	2	2500.00
15	Gas stove	1	1262.00
16	Revolving chair	2	565.60
17	Stabilizer	1	9008.00
18	Cement concrete table with ceramic tile top, exhaust fan, working platform, stainless steel sink, sintex tank, electrical and plumbing work etc.,	-	270000.00
19	Syntax door for cupboard	-	37115.00
Total Rs.			**8,61,252.50**

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	1488	1222	235	80400.00
Water Samples	203	200	151	19300.00
Plant samples	18	18	2	1800.00
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	**1709**	**1440**	**388**	**101500.00**

Details of samples analyzed during the 2010-11

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	106	95	38	5300.00
Water Samples	33	30	20	3300.00
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	**139**	**125**	**58**	**8600.00**

10.I. Technology Week celebration : -Nil-

10. J. Interventions on drought mitigation (if the KVK included in this special programme)

-Nil-

PART XI. IMPACT

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

Name of specific technologies skill transferred	No. of participants	% of adoption	Change in income	
			Before (Rs./ha)	After (Rs./ha)
Seed treatment in field crops	550	51	7800.00	15750.00
Gypsum application in groundnut	850	64	7200.00	12850.00
System of rice intensification	980	59	6900.00	14800.00
Protray seedling production in brinjal	450	49	154712.00	191591.00
Foliar application of vegetable special	49	82	291200.00	361400.00
INM in cucurbits	580	62	138532.00	199920.00
Use of neem products in IPM	275	38	4500.00	6800.00
Natural control of pest and diseases	404	39	5800.00	8900.00
Contractual farming in pulpwood	220	28	84000.00	180000.00
Infertility management in cattle	309	59	6920.00	15350.00
Feed management in livestock	210	57	7310.00	9290.00
Deworming in cattle	725	72	1920.00	2710.00
Drudgery reduction	290	39	2200.00	4500.00
Banana bunch covering	15	72	89667.00	128097.00

11.B. Cases of large scale adoption

System of Rice Intensification – A success in Thiuvannamalai disitrict

Thiruvannamalai district was formed on 30th September 1989 after bifurcation of North Arcod district. Agriculture is the main occupation of the district. The net area cultivated is about 67.6 %. The principle crops grown in the district are Paddy, Sugarcane and Groundnut Tanks and dug wells are the chief source of irrigation in the district followed by canals. There is no perennial rivers in the district. Thiruvannamalai is one of the under developed districts with more than 50 % of the workers engaged in the non agricultural activities.

Among all the crops, the predominantly cultivated crop is paddy. Paddy is cultivated over an area of 108140 ha with an average yield of 5107 kg/ha. The predominant soil type is red. Red series loam is found in all the taluks. Red series sand is found in all taluks, but predominantly in Thiruvannamalai, Chengam and Vandavasi taluks. Ferrogenous loam and sandy loam is seen extensively throughout the district and black series loam is found in tank and river bed areas of Vandavasi and Cheyyar taluks. The mean annual rainfall of the district is 1067.0 mm.

Important Problems in paddy cultivation in Thiruvanamalai District

1. Low productivity
2. Improper planting method
3. Improper nursery management
4. Indiscriminate use of chemicals
5. Availability and cost of labour

SRI as a potential solution to the problems of paddy farmers

Despite fluctuation in paddy yield in the Thiruvannamalai District, the farmers have been continuing the paddy cultivation as there is no suitable alternate crop to replace the paddy. In this context the system of Rice Intensification (SRI) came as a boon to increase the productivity of paddy. The progressive development in paddy cultivation is given below.

System of Rice Intensification – Time line

RI is a method of increasing the yield of paddy production by using less water, low seed rate, wider spacing and younger seedlings. It was developed in 1983 by the French Jesuit father hendri de laulanie in Madagascar and not known outside Madagascar until 1997. Its potential is under testing China, Indonesia, Cambodia, Thailand, Bangladesh, Srilanka and India.

In Tamilnadu, SRI was taken up in both season in 2003. TNAU conducted 100 adaptive trials in Thambarabarani river basin. At the same time in Pondicherry under tank rehabilitation programme in Katterikuppam village SRI was undertaken in 4 acres and highest yield of 10 tonnes per hectare was obtained. In 2003-04 TRRI of Adudurai conducted 94 adaptive trials in 50 villages. In august 2004 scaling up of SRI outside the research system begun in Tamilnadu for the first time through Department of Agriculture. SRI is promoted under ICDP –Rice with a target of 9000 acres.

Spread of SRI Technology

The KVK has implemented various programme to popularize SRI technology among the farmers of Thiruvannamalai district.

Advantage of SRI

SRI had the potential to increase the productivity of paddy with less water requirement and encourages rice plant to grow healthy with

* Large root volume
* Profuse and strong tillers
* Non lodging
* Big panicle
* More and well – filled spike lets and higher grain weight
* Resists insects and allows rice to grow naturally

The Actual benefits of SRI are

* Higher yield of both grain and straw
* Reduced duration (by 10 days)
* Lesser chemical inputs
* Less water requirement
* Less chaffy grain
* Increase in grain weight without changing grain size
* Soil health improves through biological activities

SRI demonstration at KVK farm

In KVK we started our experiment on SRI in an area of 5 acres during kharif 2004. Seedlings of different ages ranging from 12 to 20 days were transplanted with different spacing ie 25 x 25, 20 x 20, 40 x 40 cm on test basis. At the beginning planting was done with ropes. Transplanting of 12 days seedlings at 25 x 25 spacing was found to be the best with an yield of 8.25 tonnes/ha.

Steps taken by KVK to disseminate SRI technology

After several experiments conducted in our KVK farm, our scientists made various modifications in the SRI cultivation to suit the local condition. Instead of rope, rotary marker has been suggested for square

planting which is more suited for SRI method. Trainings and field days have been conducted in our farm for its popularization.

During the rabi 2005-06, KVK conducted SRI technology demonstrations in 10 farmers' fields. KVK scientists provided technical guidance and conducted regular field visits, training programmes, video shows and field days. The result was satisfactory for the farmers.

In rabi 2006-07, another 10 demonstrations have been conducted in Kayanallur village of Vandavasi block, KVK distributed Cono weeders and Rotary markers to the farmers. KVK is the pioneer in introducing Rotary marker in the district with a view to popularize the SRI technology KVK has been conducting several demonstrations, training programmes and various extension activities on SRI as detailed below.

Details of demonstrations conducted by the KVK

Year	Season	Type of demo.	Area (ha)	No. of farmers covered	Block	Village
2005-06	Rabi	OFT	1	10	Arni	Kannamangalam
2006-07	Rabi	FLD	5	10	Vandavasi	Kayanallur
2007-08	Kharif	FLD	5	25	Vandavasi	Avanavadi
2007-08	Rabi	FLD	20	20	Vandavasi	Kaveribakkam, Maruthadu, Jannamedu, Kavedu
2008-09	Kharif	FLD	3	15	Pernamallur	Semmampadi
2009-10	Kharif	FFS	25	25	Arni	S.V. Nagaram
2010-11	Rabi	FFS	25	25	West Arni	Vannankulam

Details of training programmes conducted by the KVK

Year	No. of trainings	Beneficiaries	No. of participants			No. of Villages covered
			Male	Female	Total	
2004-05	5	Farmers	63	22	85	10
2005-06	9	Farmers	87	66	153	32
	2	RSVY members	65	35	100	21
2006-07	8	Farmers	120	25	125	7
	1	AAO's	9	0	9	-
	2	Farmers club	34	0	34	2
2007-08	11	Farmers	221	36	257	15
	3	Farmers club	45	0	45	3
2008-09	13	Farmers	216	49	265	16
	10	Farmers club	200	15	215	10
	2	AAO's & PLF member	11	21	32	6
2009-10	12	Farmers	212	26	238	26
	15	Farmers club	220	20	240	30
	1	AAO's	18	1	19	-
2010-11	5	Farmers	90	18	108	12

Details of Extension activities

*** Farm advisory services**

a. Field visits : 1125

b. Telephone : 1914

* Field day : 12 No. of participants : 362

* Exposure visit : 11 No.of participants : 294

*** Extension literatures distributed :**

a. News letter : 3500 Nos

b. Booklets : 2910 Nos

c. Pamphlets : 4502 Nos

d. Leaflest : 5100 Nos

Apart from KVK's own activities, KVK scientists are regularly participating in various activities conducted by the line departments ie seminars, farmers interest group meetings, ATMA activities, FFS etc., and encouraging the adoption of SRI technology.

Details on the Spread of SRI technology in Thiruvannamalai District

KVK has documented the spread of SRI technology along with State department of agriculture in our district. The data collected from each block is given below.

S. No.	Name of the block	Area under SRI (ha)	No. of farmers	Yield under conventional method (t/ha)	Yield under SRI (t/ha)
1	Arni	1520	1915	5.92	7.45
2	West arni	1680	2100	5.42	7.36
3	Vandavasi	1710	2420	5.24	7.40
4	Thellar	902	1350	5.94	7.47
5	Pernamallur	1110	2352	5.64	7.05
6	Cheyyar	2250	3010	5.77	8.13
7	Annakavoor	1300	1760	5.35	8.06
8	Vembakkam	2450	2916	5.61	7.81
9	Chetpet	1210	1820	5.45	7.33
10	Thiruvannamalai	1560	2164	5.31	8.12
11	Thurinjapuram	1284	1990	5.75	7.25
12	Kilpennathur	1525	2515	5.2	7.22
13	Chengam	510	810	5.56	8.20
14	Thandarampattu	1616	2529	6.51	7.60
15	Pudupalayam	1915	3116	6.53	7.55
16	Polur	2916	4013	4.95	9.15
17	Kalasapakkam	2412	3323	5.17	8.52
Total/Average		**27870**	**40103**	**5.61**	**7.70**

Summary

The KVK Thiruvannamalai has played a major role in popularizing SRI technology through various extension methods like trainings, demonstrations and exposure visits etc., in Thiruvannamalai district of

Tamil Nadu. Overall 40,103 farmers have been cultivating paddy in SRI method in an area of 27,870 ha in this district. The productivity of the paddy has been increased to 7.70 t/ha instead of 5.61 t/ha under conventional method. The paddy cultivation has become more remunerative for many farmers in the district.

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

We have used the following tools in order to study the impact of the KVK activities.

1. Participatory Rural Appraisal (PRA)
2. Village level survey
3. Questionnaire
4. Group discussion with farmers
5. Discussion with the ex-trainees on

* The suitability and adoption nature of specific technologies.
* The comparative economics of the latest technologies with local practices.

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Sl. No	Name of organization	Nature of linkage
1	Department of Agriculture	*Joint diagnostic survey, HADP training, Demonstrations, Campaigns, Field day, Group meetings and exposure visit.
2	Department of Horticulture	
3	Department of Animal Husbandry	
4	Department of Agricultural Engineering	Training
5	Department of Forest	Selection of beneficiaries for afforestation, seminar etc.,
6	TNAU and TANUVAS	Technical support and guidance, demonstration and exposure visits
7	NRCB, Trichy	Technical guidance, critical inputs supply.
8	IIHR, Bangalore	Exposure visit, Technical guidance and critical inputs.
9	District Rural Development Agency	Trainings
10	Women Development Corporation	EDP, Skill Trainings and workshops
11	NABARD	Farmers clubs formation, Exposure visits, Meetings, VDP and Campaigns
12	District NGO's - HOME, HAND IN HAND , REDP, RIDT, ASSCOD, READS Annai Threrasa and TIST	Demonstrations, Trainings, Exposure visit, Group meeting soil testing and Campaigns
13	CTRI, East Gothawari, A.P	Technical guidance and supply of critical inputs.
14	IFGTB, Coimbatore	Training & exposure visit
15	Farmers Training Centre, Kancheepuram	Awareness campaigns & Technical guidance
16	National Agricultural Innovation Project,ICAR, New Delhi	Training and Demonstration
17	Annamalai University, Chithambaram	Guidance and Implementation of National Agriculture Innovation project.
18	Fertilization Association of India, Chennai	Training, demonstration, soil testing and campaigns

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.)
NAIP	July'2008	NAIP- ICAR	20,35,000.00
Agricultural promotional programme	May 2009	Fertilizer Association of India	36,000.00

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/ No

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

Scientist attended workshops on operationalization of ATMA and given technical guidance in preparation of SREP.

Coordination activities between KVK and ATMA during 2010-11

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	**Meetings**	-	-	-	-
02	**Research projects**	-	-	-	-
		-	-	-	-
03	**Training programmes**	-	3	3	-
		-	-	-	-
04	**Demonstrations**	-	-	-	-
		-	-	-	-
05	**Extension Programmes**	-	-	-	-
	Kisan Mela	-	-	-	-
	Technology Week	-	-	-	-
	Exposure visit	-	3	-	-
	Exhibition	-	1	0	-
	Soil health camps	-	-	-	-
	Animal Health Campaigns	-	-	-	-
	Others (Pl. specify)	-	-	-	-
06	**Publications**	-	-	-	-
	Video Films	-	-	-	-

	Books	-	-	-	-
	Extension Literature	-	-	-	-
	Pamphlets	-	-	-	-
	Others (Pl. specify)	-	-	-	-
07	**Other Activities** (Pl. specify)	-	-	-	-
	Watershed approach	-	-	-	-
	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-
		-	-	-	-

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

The National horticulture mission has not been implemented in Thiruvannamalai district

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

12.F. Details of linkage with RKVY : Nil

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
April 2010	-	-	-
May	-	-	-
June	-	-	-
July	-	-	-
August	-	-	-
September	-	-	-
October	3	75	-
November	4	100	-
December	5	125	-
January 2011	5	125	-
February	4	100	-
March	1	25	-

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

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	
Cereals									
Paddy	04.12.09	15.03.10	0.1	ADT-45	Seed (Qtl)	1.49	1868	1490.00	Drought
Paddy	04.08.10	02.11.10	0.6	ADT-43	Seed (Qtl)	12.05	24000	24193.00	Heavy rain
Pulses									
Blackgram	16.08.09	20.10.09	0.1	VBN-4	Seed (Qtl)	0.32	1200	1504.00	-
Oilseeds									
Sesame	02.08.09	16.10.09	0.2	SVPR-1	Seed (Qtl)	0.21	2142	1113.00	Heavy rain
Fibers	-	-	-	-	-	-	-	-	-
Spices and Plantation crops									
Coconut	07.07.10	31.01.11	0.1	T x D	Seedlings (Nos)	400	10980	14640.00	-
Floriculture	-	-	-	-	-	-	-	-	-
Fruits									
Mango	06.04.10	28.03.11	0.1	Bangalora, Banganapalli	Seedlings (Nos)	528	9500	16280.00	-
Guava	08.10.10	28.03.11	0.1	L-49 & 46	Seedlings (Nos)	100	580	1110.00	-
Sapota	06.04.10	02.06.10	0.05	PKM-2	Seedlings (Nos)	28	200	120.00	-
Pomogranate	08.10.10	31.01.11	0.05	Ganesh	Seedlings (Nos)	30	150	420.00	-

Guava	10.06.93	18.01.11	0.8	L49 & 46	Fruits (Qtl)	14.7	1200	7350.00	
Mango	10.06.93	22.06.11	3.4	Bangalora & Neelam	Fruits(Qtl)	12.0	2360	11700.00	
Sapota	21.08.96	31.03.11	0.1	PKM-1	Fruits(Qtl)	0.7	120	1042.00	
Amla	16.07.2004	31.03.11	0.2	Krishna	Fruits(Qtl)	1.16	290	1046.00	-
Tamarind	18.06.2003	31.03.2011	0.4	PKM-1	Fruits(Qtl)	0.08	-	80.00	-
Vegetables									
Brinjal	01.03.2010	11.08.2010	0.04	Arka anand	Fruits (Qtl)	2.88	420	2880.00	
Green leaves	01.03.2010	28.04.10	0.02	Amaranthus	Leaves(Bundles)	100	105	400.00	
Others (specify)									
Tender coconut	10.06.95	31.03.11	-	T x D	Tender	538	60	2877.00	-
Ornamental	03.08.10	04.03.11	0.02	All types	Seedlings (Nos)	110	550	830.00	
Tree crops	03.07.10	31.03.11	0.1	All types	Seedlings (Nos)	14310	24918	84075.00	

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

Sl. No.	Name of the Product	Qty (Qtl)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	16.81	496.00	8220.00	-

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	
1	Cow	Jersey cross & HF cross	Milching cow	2	22250.00	29500.00	-
2	Goat	Tellicherry	Breeding	4	4200.00	9900.00	-
3	Quail	Japanese quail	Bird	1600	19955.00	33009.00	-
4	Poultry	Rhodo white	Bird	84	8850.00	13566.00	-
5	Poultry	Vanaraja	Bird	5	145.00	786.00	-

13.E. Utilization of hostel facilities

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2010	-	-	-
May 2010	-	-	-
June 2010	171	12	-
July 2010	121	10	-
August 2010	191	19	-
September 2010	96	10	-
October 2010	160	15	-
November 2010	157	14	-
December 2010	134	11	-
January 2010	145	10	-
February 2010	120	10	-
March 2010	-		-

13.F. Database management

S. No	Database target	Database created
1.	Library (Books)	Created
2.	Front Line Demonstration	In progress

13.G. Details on Rain Water Harvesting structure and micro-irrigation system : Nil

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	Bank of India	Chennai (Kodampakkam)	8014	Programme Coordinator-Vedapuri KVK	801410100014716	600013007	BKID0008014
	Canara bank	Chennai (T.Nagar)	0917	Tamilnadu Board of Rural Development	0917101043517	600015041	CNRB0000917
With KVK	Indian Bank	Vembakkam	812	Training Organizer-Vedapuri KVK	556007560	-	IDIB 000V038
	Indian Bank	Vembakkam	812	TNBRD-Vedapuri KVK-RF	556007571		
	Indian Bank	Vembakkam	812	Programme Coordinator – Vedapuri KVK - FLD	556022657		
	State Bank of India	Cheyyar	00267	Programme Co-ordinator-Vedapuri Krishi Vigyan Kendra	30822521630	604002001	SBIN0000267

14.B. Utilization of funds under FLD on Cotton *(Rs. in Lakh)* : -Nil-

14.C. Utilization of KVK funds during the year 2010-11 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure (Rs.)
A. Recurring Contingencies				
1	Pay & Allowances	45.00	45.00	38,53,497.00
	6th CPC arrears	48.26	48.26	48,25,973.00
2	Traveling allowances	1.25	1.25	1,25,013.50
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running.	2.35	2.35	2,35,334.00
B	POL, repair of vehicles, tractor and equipments	1.25	1.25	1,25,007.00
C	Meals/refreshment for trainees (ceiling upto Rs.75/day/trainee be maintained)	1.00	1.00	1,00,031.00
D	Training material (posters, charts, demonstration material including chemicals etc.)	0.40	0.40	40,030.00
E	Frontline demonstration except oilseeds and pulses.	2.23	2.23	2,20,335.00
F	FLD on special pulses programme	0.20	0.20	20,000.00
G	On farm testing	0.57	0.57	56,435.00
H	Training of extension functionaries	0.15	0.15	15,235.00
I	Maintenance of buildings	0.30	0.30	30,119.00
K	Extension activities	0.25	0.25	25,030.00
L	Farmers Field School	0.25	0.25	25,061.00
M	Library	0.05	0.05	5,122.00
TOTAL (A)		**103.51**	**103.51**	**97,02,223.35**
B. Non-Recurring Contingencies				
1	**Works**			
a)	Renovation and repairs of old buildings	5.00	5.00	5,17,000.00
b)	Vehicle shed	2.00	2.00	2,37,000.00
c)	Irrigation system	1.00	1.00	1,06,623.00
2	**Equipments including SWTL & Furniture**			
a)	Furniture and furnishing for hostel	2.00	2.00	2,00,032.00
b)	Power tiller	1.50	1.50	1,48,190.00
3	EPABX	0.50	0.50	50,044.00
4	PAS	0.30	0.30	29,910.00
5	**Vehicle** (Four wheeler/Two wheeler, please specify)	0.00	0.00	0.00
6	**Library** (Purchase of assets like books & journals)	0.10	0.10	10,040.00
TOTAL (B)		**12.40**	**12.40**	**12,98,839.00**
C. REVOLVING FUND		**0.00**	**0.00**	**0.00**
GRAND TOTAL (A+B+C)		**115.91**	**115.91**	**11,001,062.35**

14.D. 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 2008 to March 2009	2,69,248.60	5,61,458.00	3,65,322.55	4,65,384.05
April 2009 to March 2010	4,65,384.05	9,58,653.00	12,45,892.50	1,72,388.55
April 2010 to March 2011	1,72,388.55	9,49,268	8,73,723.00	2,52,242.55

15. Details of HRD activities attended by KVK staff during 2010-11

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
R.Jothimani	SMS, Agri. Extension	Special technology demonstration for harnessing pulses productivity	MPKV, Rahuri	04.06.10-05.06.10
Mr.S.Murugesan	Programme Assistant (Lab technician)	Training on Integrated Farming system.	KVK, Kattupakkam	10.11.10-12.11.10
Mr.N.Saravanan	Farm Manager	Training on Alternative poultry farming as a livelihood option for farming community	KVK, Namakkal	24.11.10-26.11.10
T.Margaret	SMS, Home Science	Strengthening gender perspective in agricultural research and extension training.	TANUVAS, Chennai	24.01.11-25.01.11
P.Sudharsan	SMS, Agronomy	Strengthening gender perspective in agricultural research and extension training.	TANUVAS, Chennai	24.01.11-25.01.11
V.P.Karthikeyan	SMS, Soil Science	Advances in soil health and fertility management.	TNAU, Coimbatore	21.03.11-23.03.11
T Margaret	SMS, Home Science	Recent trends in post harvest technology.	IICP, Thanjavur	23.03.11-25.03.11
R. Lakshmidevi	SMS, Agricultural Extension	New initiatives in transfer of technologies.	TNAU, Coimbatore	24.03.11-25.03.11
N.Rameshraja	SMS, Horticulture	Protected cultivation of horticultural crops at TNAU, Coimbatore from 28.03.11 to 29.03.11	TNAU, Coimbatore	28.03.11-29.03.11
P. Sudharsan	SMS, Agronomy	Weather based advisory services.	TNAU, Coimbatore	30.03.11-31.03.11
O. Sekar	Programme Assistant, Computer programmer	Data base management, Web content and web hosting development.	TNAU, Coimbatore	29.03.11-31.03.11

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

Farmers Field School

Thematic area	Crop	Technology demonstrated	Village	Period		Participants		Total
				From	To	Male	Female	
ICM	Paddy	Improved cultivation techniques in SRI	Vannankulam	10.12.10	11.03.11	21	4	25
Total				**-**	**-**	**21**	**5**	**25**

SUMMARY FOR 2010-11

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Nutrient Management	-	-	-
	-	-	-
Varietal Evaluation	-	-	-
	-	-	-
Integrated Pest Management	-	-	-
	Tomato	Management of fruit borer in tomato	10
Integrated Crop Management	Redgram	Assessment of planting method in redgram	5
	-	-	-
Integrated Disease Management	Paddy	Management of brown spot in paddy	10
	-	-	-
Small Scale Income Generation Enterprises	-	-	-
	-	-	-
Weed Management	-	-	-
	-	-	-
Resource Conservation Technology	-	-	-
	-	-	-
Farm Machineries	-	-	-
	-	-	-
Integrated Farming System	-	-	-
	-	-	-
Seed / Plant production	-	-	-
	-	-	-
Value addition	-	-	-
	-	-	-
Drudgery Reduction	-	-	-
	-	-	-
Storage Technique	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
	-	-	-
Total			**25**

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Evaluation of breeds	-	-	-
Nutrition management	Dairy cattle	Area specific mineral mixture for dairy cows	20
Disease management	Poultry	Control of Ranikhet disease in *desi* chicken	40
Value addition	-	-	-
Production and management	-	-	-
Feed and fodder	-	-	-
Total			60

Summary of technologies assessed under various enterprises

- **NIL -**

Summary of technologies assessed under home science

- **NIL -**

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops

- **NIL -**

Summary of technologies assessed under refinement of various livestock

- **NIL -**

Summary of technologies refined under various enterprises

- **NIL -**

Summary of technologies refined under home science

- **NIL -**

III. FRONTLINE DEMONSTRATION

Cotton

Frontline demonstration on cotton

- NIL -

Other crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase
							Demo			Check	
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Pulses	Use of mini mobile sprinkler Seed treatment with Pseudomonas and Beuvaria @ 5 g/kg. Seed treatment with *T.Virde* @ 4 g/kg of seed Seed treatment with Rhizobium and Phosphobacteria 600g/ha each. Spray of Cycocel @ 200 ppm Spray of Propiconazole @ 750 ml/ha	VBN-4	-	Irrigated	10	5	In progress				

Pulses	**Special pulses programme** Seed treatment with Carbendazim @ 3.0g/kg seed & Rhizobium culture @ 1 pocket/10 kg seed Spray of imidachloprid 20 gm/ac at flower initiation and podding stage to control of thrips	VBN-3	-	Irrigated	10	4	8.20	7.10	7.70	6.45	19.3
Cereals	**<u>Total mechanization in paddy</u>** Total mechanization in paddy	ADT-43	-	Irrigated	10	2	54.25	46.85	51.04	44.60	14.43
Cereals	**<u>Popularization of CORH 3 in SRI method</u>** Cultivation of improved hybrid - CO(R)H -3 in SRI method	-	CORH-3	Irrigated	10	5	In progress				
Millets	-	-	-	-	-	-	-	-	-	-	-
Vegetables	Cultivation of improved brinjal hybrid-COBH-2	-	COBH-2	Irrigated	10	2	381.2	369.10	375.06	201.50	86.13

Vegetables	Cultivation of improved snake gourd variety-PLR(SG)-2	PLR(SG)-2	-	Irrigated	10	4	210.30	190.50	198.92	212.5	- 6.39
Vegetables	**IPM practices in brinjal** comprising collection and destruction of affected shoots, basal application of neemcake @ 250 kg/ha. installation of pheromome trap @ 12/ ha, Thiodicarb - 300 gm/ha-45 days after planting (DAP), Spinosad-5% SC- 200 ml/ha-75 and 90 DAP	Mullu kathiri	-	Irrigated	10	2	In progress				
Vegetables	Cultivation of Arka ananya tomato hybrid	-	Arka ananya	Irrigated	10	2	In progress				
Flowers	-	-	-	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-	-	-	-

Fruit	**<u>Foliar nutrition in banana</u>** Foliar application of banana shakthi @ 2% - 3 sprays during 4,5 & 6th months of planting Bunch spray of 2 % Potassium sulphate – 2 sprays first after opening of last hand and second one month later.	Monthan	-	Irrigated	10	2	In progress				
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-
Fodder	**<u>Popularization of fodder in silvi pasture system</u>** CO(CN) - 4 fodder Guinea grass Hedge lucern Subabul seedlings	-	-	Irrigated	10	1	-	-	-	-	In progress
Plantation	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-
Others – Tree crops	Block planting in agro forestry system	Melai dubi	-	Irrigated	5	1	In progress				

Contd…

Crop	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
1	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
Oilseeds								
Pulses-Blackgram	In progress							
Special pulses programme	13500.00	22430.00	8930.00	1.6:1	10060.00	16025.00	5965.00	1.6:1
Cereals –Paddy-ADT-43	26420.00	43384.00	16964.00	1.64 : 1	27580.00	37910.00	10330.00	1.37 : 1
Paddy CORH-3	In progress							
Millets	-	-	-	-	-	-	-	-
Vegetables-Brinjal	98500.00	412566.00	314066.00	4.19 : 1	91800.00	261560.00	169760.00	2.84 : 1
Snake gourd	65500.00	179028.00	113528.00	2.73 : 1	61200.00	191250.00	130050.00	3.12 : 1
Brinjal	In progress							
Tomato	In progress							
Flowers	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-
Fruit - Banana	In progress							

Spices and condiments	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-
Fodder	In progress							
Plantation	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-
Others –Tree crops	In progress							

Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Hatchability (%)		% Increase	*Economics of demonstration Rs./unit)				*Economics of check (Rs./unit)			
					Demo	Local		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Popularization of community based incubator among alternative poultry farmers	-	5	1	73	48	52	-	-	-	-	-	-	-	-
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Fisheries : Nil

Other enterprises : Nil

Women empowerment : Nil

Farm implements and machinery

Name of the implement	Cost of the implement in Rs.	Name of the technology demonstrated	No. of Demo	Area covered under demo in ha	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)
					Demo	Check		
Vegetable preservator	2977.00/Unit	Popularization of CRIDA vegetable preservator	15	-	In progress.			
Banana fibre extractor	37,344.00/Unit	Demonstration of mechanical fibre extraction	20	-	In progress.			

Name of the implement	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Vegetable preservator	In progress.							
Banana fibre extractor	In progress.							

OTHER ENTERPRISES

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
					Demo			Check	
					H	L	A		
Cereals	-	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Paddy	Popularization of CORH-3 in SRI method	CORH-3	10	5	In progress				
Sorghum	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-
Tomato	Cultivation of Arka ananya tomato hybrid	Arka ananya	10	2	In progress				
Brinjal	Cultivation of improved brinjal hybrid – COBH-2	COBH-2	10	2	381.2	369.10	375.06	201.50	86.13
Okra	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-
Total	-	-	**30**	**9**	-	-	-	-	-

Contd …

Type of Breed	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-
Paddy	In progress							
Sorghum	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

Pulses	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-
Tomato	In progress							
Brinjal	98500.00	412566.00	314066.00	4.19 : 1	91800.00	261560.00	169760.00	2.84 : 1
Okra	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-

Coconut	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

IV. TRAINING PROGRAMME

Farmers' Training 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										
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	3	41	29	70	-	-	-	41	29	70
Cropping Systems	2	35	-	35	10	-	10	45	-	45
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	3	16	10	26	8	6	14	24	16	40
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture										
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	2	28	11	39	0	3	3	28	14	42

Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others – Precision farming	3	56	7	63	-	-	-	56	7	63
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others – Precision farming	1	18	-	18	-	-	-	18	-	18
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	3	58	2	60	1	-	1	59	2	61
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	1	36	-	36	-	-	-	36	-	36
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	1	21	-	21	-	-	-	21	-	21
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-

Dairy Management	5	19	38	57	6	7	13	25	45	70
Poultry Management	2	30	13	43	1	-	1	31	13	44
Piggery Management	1	5	3	8	-	7	7	5	10	15
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others – Japanese quail rearing	4	29	44	73	-	2	2	29	46	75
Others – Goat rearing	3	28	34	62	5	-	5	33	34	67
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	1	-	18	18	-	3	3	-	21	21
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	1	6	18	24	-	-	-	6	18	24
Value addition	7	20	64	84	-	60	60	20	124	144
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others –Mushroom cultivation	1	8	10	18	-	-	-	8	10	18

Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	2	21	9	30	8	-	8	29	9	38
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-

Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-

Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others – Bio gas	1	60	-	60	-	-	-	60	-	60
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	7	78	30	108	8	4	12	86	34	120
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	2	28	8	36	4	2	6	36	10	42
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**56**	**641**	**348**	**989**	**51**	**94**	**145**	**696**	**442**	**1138**

Farmers' Training 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	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	1	20	-	20	-	-	-	20	-	20
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	1	15	2	17	-	-	-	15	2	17
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	2	19	1	20	0	0	0	19	1	20
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	1	10	8	18	0	0	0	10	8	18
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-

Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others – Growth regulators application	1	16	-	16	-	-	-	16	-	16
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-

Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	5	92	6	98	3	-	3	95	6	101
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	1	18	-	18	-	-	-	18	-	18
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Dairy Management	2	16	2	18	-	-	-	16	2	18
Poultry Management	2	24	14	38	3	-	3	27	14	41

Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	5	34	52	86	10	5	15	44	57	101
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	1	-	-	-		21	21	-	21	21
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	3	10	46	56	-	-	-	10	46	56
Value addition	2	3	34	37	-	-	-	3	34	37
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	1	16	-	16	-	-	-	16	-	16
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation	-	-	-	-	-	-	-	-	-	-

systems										
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	1	10	-	10	-	-	-	10	-	10
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-

Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	7	115	28	143	-	-	-	115	28	143
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	1	-	-	-	-	20	20	-	20	20
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**37**	**418**	**193**	**611**	**16**	**46**	**62**	**434**	**239**	**673**

Training for Rural Youths 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
Nursery Management of Horticulture crops	1	10	9	19	-	-	-	10	9	19
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	1	-	19	19	-	-	-	-	19	19
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	1	-	12	12	-	1	1	-	13	13

heep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
SRI in paddy	1	16	-	16	5	-	5	21	-	21
TOTAL	**4**	**26**	**40**	**66**	**5**	**1**	**6**	**31**	**41**	**72**

Training for Rural Youths 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
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	1	-	14	14	-	-	-	-	14	14
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	1	-	20	20	-	-	-	-	20	20
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	1	3	17	20	-	4	4	3	21	24

Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**3**	**3**	**51**	**54**	**0**	**4**	**4**	**3**	**55**	**58**

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
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	3	32	12	44	-	2	2	32	14	46
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Management in farm animals	2	19	15	34	1	2	3	20	17	37
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other -Personal hygiene practices for school going children	1	5	9	14	5	6	11	10	15	25
Any other – Precision farming	1	17	-	17	-	-	-	17	-	17
Any other – Cultivation of technology of malai vembu	1	14	-	14	-	-	-	14	-	14
Total	**8**	**87**	**36**	**123**	**6**	**10**	**16**	**93**	**46**	**139**

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

-Nil-

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
1	**Crop production and management**	-	-	-	-	-	-	-	-	-	-
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	-	-	-	-	-	-	-	-	-	-
6	**Others (pl. specify)**	-	-	-	-	-	-	-	-	-	-
7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	Others – Nursery management in vegetables	1	10	9	19	-	-	-	10	9	19
8	**Farm machinery**	-	-	-	-	-	-	-	-	-	-
8.a.	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-
8.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
9.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-

a	Pig rearing	1	5	3	8	-	7	7	5	10	15
b	Dairy cattle rearing	4	4	37	41	3	17	20	7	54	61
c	Poultry rearing	1	11	8	19	-	-	-	11	8	19
10	**Livestock production and management**	-	-	-	-	-	-	-	-	-	-
10.a.	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
10.b.	Animal Disease Management	-	-	-	-	-	-	-	-	-	-
10.c	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-
10.d	Fisheries Management	-	-	-	-	-	-	-	-	-	-
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
11.	**Home Science**	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others-Value addition	1	-	6	6	-	16	16	-	22	22
12	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
12.a.	Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Others – Production technology - AF	1	5	9	14	-	-	-	5	9	14
12.c	Others – Bio gas technology	1	60	-	60	-	-	-	60	-	60
	Total	**10**	**95**	**72**	**167**	**3**	**40**	**43**	**98**	**112**	**210**

Details of vocational training programmes carried out by KVKs for rural youth

- NIL -

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	107	364	9	373
Diagnostic visits	2	13	-	13
Field Day	13	362	17	379
Group discussions	4	87	3	90
Kisan Ghosthi	-	-	-	-
Film Show	19	423	84	507
Self -help groups	-	-	-	-
Kisan Mela	1	2000	58	2058
Exhibition	3	4255	156	4411
Scientists' visit to farmers field	178	1259	99	1358
Plant/animal health camps	2	100	2	102
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	1	2000	58	2058
Method Demonstrations	-	-	-	-
Celebration of important days	3	571	84	655
Special day celebration	-	-	-	-
Exposure visits	3	57	5	62
Others (Village development programme)	1	30	2	32
Total	**337**	**11521**	**577**	**12098**

Details of other extension programmes

Particulars	Number
Electronic Media	20
Extension Literature	19
News Letter	1500
News paper coverage	16
Technical Articles	-
Technical Bulletins	-
Technical Reports	-
Radio Talks	-
TV Talks	27
Animal health camps (Number of animals treated)	127
Others (pl.specify)	-
Total	**1709**

VI. 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 (crop wise)	Paddy	ADT-43	12.05	24100.00	12
	Paddy	ADT-45	1.49	1490.00	2
Oilseeds	Sesame	SVPR-1	0.21	1113.00	2
Pulses	Blackgram	VBN-4	0.32	1504.00	1
Commercial crops	-	-	-	-	-
Vegetables	-	-	-	-	-
Flower crops	-	-	-	-	-
Spices	-	-	-	-	-
Fodder crop seeds	Hedge lucern	-	0.075	3000.00	10
Fiber crops	-	-	-	-	-
Forest Species	-	-	-	-	-
Others (specify)	-	-	-	-	-
Total	**-**	**-**	**14.145**	**31207.00**	**27**

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
Commercial	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-
Fruits	Mango	Bangalora, Banganapalli	528	21120.00	24
	Guava	L-49 & 46	100	1500.00	16
	Sapota	PKM-2	28	1120.00	6
	Pomogranate	Ganesh	30	450	6

Ornamental plants	-	-	110	1650.00	15
Medicinal and Aromatic	Vettiver	-	5200	1300.00	1
Plantation	Coconut	TxD	400	16000.00	24
Spices	-	-	-	-	-
Tuber	-	-	-	-	-
Fodder crop saplings	Cumbu napier	CO-4	29250	8775.00	25
	Guinea grass	-	26000	5100.00	11
Forest Species	Gulmohar	-	60	300.00	6
	Rose wood	-	1000	5000.00	10
	Kumil	-	2000	10000.00	18
	Vengai	-	2000	10000.00	24
	Magagony	-	2000	10000.00	20
	Red sander	-	1000	5000.00	25
	Sandal	-	50	1000.00	5
	Teak	Nilambur	4200	21000.00	40
	Polyalthia	-	1000	5000.00	20
	Rain tree	-	200	1000.00	5
	Subabul	-	300	1500.00	10
	Malai vembu	Melia dubia	500	6000.00	10
Others(specify)	-	-	-	-	-
Total	**-**	**-**	**75956**	**132815.00**	**321**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	-	-	-	-
Others – Organic manure	Vermicompost	1681	8220.00	16

Total	**-**	**1681**	**8220.00**	**16**

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	Jersey cross & HF cross	2	29500.00	2
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others -Goat	Tellicherry	4	9900.00	3
Poultry	-	-	-	-
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	Japanese quail	1600	33009.00	127
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others –Backyard poultry	Rhodo white	84	13566.00	42
Others –Backyard poultry	Vanaraja	5	786.00	3
Piggery	-	-	-	-
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	**-**	**1695**	**86761.00**	**177**

Other products

Products	Name of the products	Quantity Kg / Lit	Value (Rs.)	Number of farmers
Home care products	Phenyl	7.0	154.00	3
Preserved items	Pickle	26.1	3479.00	52
Mushroom	Mushroom	7.975	797.00	15
Total	**-**	**-**	**4430.00**	**70**

Production of livestock and related enterprise materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	Jersey cross & HF cross	2	29500.00	2
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others -Goat	Tellicherry	4	9900.00	3
Poultry	-	-	-	-
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	Japanese quail	1600	33009.00	127
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others –Backyard poultry	Rhodo white	84	13566.00	42
Others –Backyard poultry	Vanaraja	5	786.00	3
Piggery	-	-	-	-
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	**-**	**1695**	**86761.00**	**177**

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2010-11

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	106	95	38	5300.00
Water	33	30	20	3300.00
Plant	-	-	-	-
Manure	-	-	-	-
Others (pl.specify)	-	-	-	-
Total	**139**	**125**	**58**	**8600.00**

VIII. SCIENTIFIC ADVISORY COMMITTEE

- NIL –

IX. NEWSLETTER

Number of issues of newsletter published
Half yearly : Two issues

X. RESEARCH PAPER PUBLISHED

- **NIL**

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

-NIL-

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