ANNUAL REPORT 2010-11

FOR THE PERIOD

APRIL 2010 TO MARCH 2011

KRISHI VIGYAN KENDRA

(COIMBATORE DISTRICT)

Index

1. GENERAL INFORMATION ABOUT THE KVK

1.1	Name and address of KVK	:	**Sri Avinashilingam Krishi Vigyan Kendra** Vivekanandapuram Post, Seeliyur (Via) Karamadai Block Coimbatore District, TamilNadu – 641 113
	Phone	:	(04254) 284 223
	Fax	:	(04254) 284 820
	E – Mail	:	sakvk.cbe@rediffmail.com avinashilingamkvk@gmail.com
	Website	:	www.avinashilingamkvk.org
1.2	Name and address of the Host organization	:	**Sri Avinashilingam Education Trust Institutions** Saradalaya, Bharathi Park Road, Coimbatore – 641 043
	Phone	:	(0422) 2440140, 2448154, 2450380
	Fax	:	(0422) 2443620, 2438786
	E – Mail	:	saeti_trustoff@yahoo.com
1.3	Name of the Programme Co-ordinator	:	Tmt. N. Suganthi
	Mobile	:	09444231649
	E – Mail	:	suganthi.soil@gmail.com suganthinallasamy@yahoo.co.in
1.4	Year of sanction	:	No. F. 22 (5)/79/Edu.II, Dated 16 th April, 1979 of ICAR, New Delhi.

1.5. Staff Position (as on 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*	*Basic pay*	*Date of joining KVK*	*Permanent /Temporary*	*Category (SC/ST/ OBC/ Others)*
1	Programme Coordinator	Vacant	-	-	-	-	-	-	-	-	-
2	Subject Matter Specialist	N. Suganthi	Subject Matter Specialist	F	Soil Science	M.Sc., (Soil Science)	15600-39100	18950	02.01.06	P	OBC
3	Subject Matter Specialist	P. Gomathy	Subject Matter Specialist	F	Home Science	M. Sc.,(FSN) M.Phil (FSN)	15600-39100	17550	19.11. 07	P	OBC
4	Subject Matter Specialist	S. Sureshkumar	Subject Matter Specialist	M	Agronomy	M.Sc, (Ag)	15600-39100	15600	08.09.10	P	OBC
5	Subject Matter Specialist	M.Sagadevan	Subject Matter Specialist	M	Horticulture	M.Sc, (Horticulture)	15600-39100	15600	09.09.10	P	OBC
6	Subject Matter Specialist	C. Raju	Programme Assistant	M	Animal Science	M.A, (Sociology)	9300-34800	13680	01.09.79	P	OBC
7	Subject Matter Specialist	P. Nagaraj	Programme Assistant	M	Agrl. Engg	DCP, Dip. Paddy Processing Technology M.A, (Sociology)	9300-34800	13680	17.12.82	P	Others
8	Programme Assistant (Lab Tech.) /T-4	R. Banumathi	Programme Assistant	F	Lab Technician	B.Sc (Home. Sci) M.A, (Sociology)	9300-34800	13680	24.06.87	P	OBC
9	Programme Assistant (Computer) / T-4	D. Ravindran	Programme Assistant	M	Computer	M.A, (Sociology) M.Sc (Comp.Sci)	9300-34800	13680	01.04.93	P	OBC
10	Programme Assistant/ Farm Manager	V.Muthukumar	Farm Manager	M	-	B.Sc. (Botany)	9300-34800	13680	17.07.88	P	OBC
11	Assistant	A.K. Muthulakshmi	Accountant / Superintendent	F	-	-	9300-34800	12060	06.07.06	P	Others
12	Jr Stenographer	R. Jayaraman	Stenographer	M	-	-	5200-20200	11830	01.09.79	P	Others
13	Driver	L. Premkumar	Driver	M		-	5200-20200	7800	01.07.02	P	SC
14	Driver	D.Samuvel Johnson	Driver cum Mechanic	M	-	-	5200-20200	6060	4.10.10	P	OBC
15	Supporting staff	N. Veerasamy	Peon	M	-	-	5200-20200	5410	01.08.09	P	ST
16	Supporting staff	P.K. Duraisamy	Watchman	M		-	5200-20200	7600	20.09.79	P	OBC

1.6. Total land with KVK (in ha) : 20.5 ha

S. No.	Item	Area (ha)
1	Under Buildings	3.0
2.	Under Demonstration Units	2.0
3.	Under Crops	9.0
4.	Orchard/Agro-forestry	6.5
5.	Others	-
	Total	**20.5**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	**Administrative Building** (Damaged)	ICAR	1984-85	97.88	70,238.87	-	-	-
2.	**Farmers' Hostel**							
a	Women's hostel building	ICAR	1984-85	576.94	3,21,729.27			
	Time being used as administrative building (Repair and maintenance)	ICAR	2005-06		1,97,239.00			
c	Farmers Hostel	ICAR	1989-90	380.33	5,08,762.88	-	-	-
3	**Staff Quarters (6)**							
a	'A' type block	ICAR	1981-82	141.62	69,322.43			
b	'B' type block	ICAR	1981-82	121.07	65,873.91			
	Total			262.69	1,35,196.34			
c	Single room -3 (Damaged)	ICAR	1980-81	52.01	26,718.91			
4.	**Demonstration Units (2)**							
a.	Nursery Unit	ICAR	2004-05	92m^2	1,09,759.30	-	-	-
b.	Calf Rearing Unit	ICAR	2004-05	73.6m^2	88,891.80	-	-	-
c.	Azolla mother inoculation production unit (Only polythene sheet)	ICAR	2006-07	80 m^2	5000.00			
5	Fencing	So far not sanctioned to our KVK. Proposal submitted under XI th plan.				-		
6	Rain water harvesting system							
7	Threshing floor							
8	Farm godown							

B) Vehicles

Type of vehicle	*Year of purchase*	*Cost (Rs.)*	*Total kms. Run*	*Present status*
Jeep - Mahindra Max	2002-03	5,02,596.60	176197	Good condition
Motor Cycle - Hero Honda	2002-03	37, 403.40	29938	Good condition
Motor Cycle - Activa	2008-09	49,900.00	11767	Good condition

C) Equipments & AV aids

Sl. No.	*Name of Equipments*	*Year of purchase*	*Cost (Rs.)*	*Present status*
	Equipment			
1.	LN_2 Container	2002-03	38,026.30 (From RFAccount)	In working condition
2	Typewriter (English)	1980-81	3,627.00	To be condemned
3.	Typewriter (Tamil)	1985-86	3,496.00	To be condemned
4.	Duplicator	1981-82	3,926.00	To be condemned
5.	Xerox Machine	2004-05	74,400.00	To be replaced to higher version
6.	Computer, Printer with UPS	2004-05	67,189.00	To be replaced to higher version
7.	Generator	2010-11	99,250.00	Good
	Implements			
8.	Power Tiller	1982-83	41,600.00	Not in working condition
9.	Thrasher	1982-83	17,000.00	Fully depreciated
10.	Power weeder	2006-07	75,000.00	Good
11	Tractor Mahindra Bhomy Buthira	2010-11	5,00,000.00	Good
12	Power tiller	2010 -11	1,47,170.00	Good
	A.V. Aids			
12.	Colour Television	1984-85	7,700.00	To be condemned
13.	Video cassette player	1987-88	10,000.00	To be condemned
14.	Over Head Projector	1983-84	3,222.00	Fully depreciated
15.	Slide Projector	1983-84	3,600.00	Fully depreciated
16.	Digital Camera	2004-05	17,095.00	To be replaced to higher version
17	LCD Projector	2006-07	1,00,000.00	Good

Equipment in Soil and Water Testing laboratory

Sl. No.	*Equipment*	*Year of Purchase*	*Cost (Rs)*	*Present status*
1	P^H Meter	2005	9,818.00	Good
2	Conductivity Bridge	2005	7.332.00	Good
3	Physical Balance (2)	2005	9,797.00	Good
4	Electronic Balance (2)	2005	86,120.00	Good
5	Hot Plates (2)	2005	8,117.20	Good
6	Shakers rotary (2)	2005	43,430.00	Good
7	Nitrogen Analyser	2006	2,03,355.00	Good
8	Spectro photo meter	2005	59,905.00	Good
9	Flame Photo meter	2005	84,963.00	Good
10	Willey mill	2005	25,515.20	Good
11	Hot air oven	2005	15,015.00	Good
12	Water distillation unit	2005	83,324.00	Good
13	Refrigerator	2005	18,500.00	Good

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

Date : 30.08.2010

No of Participants : 22

No of Absentees : --

Sl. No	*Salient Recommendations*	*Action Taken*
1	Make arrangements to hire agriculture implements to overcome labour scarcity.	Made arrangements to hire tractors, power weeders from KVK Arranged to purchase mini tractor, power tiller and earth auger to farmers club through NABARD
2	Give importance to production of good	Developed seed farm at KVK campus for

	quality seeds.	greengram and sesamum. Greengram (vamban –3) and sesamum (TMV-7) were produced through FLD farmers and supplied to others village farmers
3	Give importance to production of planting materials such as mango, guava, amla and Jasmine.	Established Orchard at KVK campus. Creating awareness about selection of planting material through training programmes
4	Create awareness about B.T. Cotton and B.T. Brinjal	Created awareness through Training and FLD programmes
5	Create awareness about soil health through Ulavar Mandram etc.	Created awareness through trainings and soil health campaigns
6	Give area specific trainings to farmers	Area specific and need based training programmes were arranged at Koothamandi, T.G.Pudur, Ellur villages and KVK campus
7	Create linkages between farmers and banks	Organized one day awareness camps at Karamadai and Thondamuthur combined with SBI and IOB Formed farmers clubs at Kandiyur, Akkarai sengapalli, Kanuvakkarai, T.G.Pudur, Ezhoor, Ramanimuthalipudur and Panapalayam villages with NABARD financial assistance
8	Give importance to farmer's innovative technology	Through KVK one farmer from pollachi block Mr. Nataraj was selected for national level innovators meet held at Mysore for his innovation (Shredder)
9	Arrange the exposure visit at regular intervals	Arranged exposure visits to Abi goat farm atJadar palayam, Namakkal KVK, Poly house unit at vellingadu and Salaivembu, Farmers day celebration at TNAU, Agri index at CODISSIA and Jain Irrigations at Udumelpet.
10	Give importance to production of good quality cotton seeds	Made arrangements to get good quality seeds from reliable sources like TNAU, CICR, CCI and TUCAS
11	Give importance to precision farming, SRI method and post harvest management	Trainings were given in precision farming and Post harvest management at Karamadai and Kinathukadavu blocks Conducted trainings and FLD programmes in SRI

		at Ruthriyampalyam and R.M.Pudur villages.
12	Give importance to new varieties.	Newly released varieties like Vamban -3 in greengram, TMV-7 in seasamum were demonstrated in FLD programmes.
13	Following of multi departmental approach to solve each and every problem of the farmer	Through FLD programmes problems faced in soil fertility, irrigation, pest and diseases, harvesting were solved through integrated approach through multi disciplines.
14	Increasing the food production per unit area using modern technologies.	In every crops only latest and modern technologies are demonstrated like SRI , SSI etc.
15	Making efforts to arrange marketing facility for agricultural commodities	Formed commodity groups for Curry leaf , Banana and Tomato to get good market price.

MEMBERS PRESENT

1. **Thiru.T.K. Shanmuganandam**
   Honourable Chancellor and Managing Trustee
   Avinashilingam University
   Coimbatore – 641 043
2. **Dr.S. Prabhu Kumar**
   Zonal Project Director
   Zonal Project Directorate – Zone – VIII
   Indian Council of Agricultural Research (ICAR)
   Main Research Station, Hebbal
   Bangalore – 560 024
3. **Thiru. T.S.K. Meenakshi Sundaram**
   Assistant Managing Trustee
   Sri Avinashilingam Education Trust Institutions
   Coimbatore – 641 043
4. **Dr. Lakshmi Santha Rajagopal**
   Additional Director & KVK Incharge
   Sri Avinashilingam Education Trust Institutions
   Coimbatore – 641 043
5. **Dr. P. Kalaiselvan**
   Director of Extension Education
   Tamil Nadu Agricultural University
   Coimbatore – 641 003

6. **Dr. (Mrs.) S. Usha Rani**
   Scientist (Agricultural Extension)
   Central Institute for Cotton Research
   Regional Station
   Coimbatore – 641 003
7. **Dr. Muthamilselvan**
   Scientist (Farm Machinery)
   Central Institute of Agricultural Engineering
   Regional Centre, Coimbatore – 641 003
8. **Dr. P. Shanmugam**
   Assistant Director of Animal Husbandry
   Avinashi
   Coimbatore District
9. **Sri. B. Sathyamurthy**
   Assistant Director
   Department of Sericulture
   Coimbatore
10. **Mrs. Vasanthi Gnanasekar**
    Assistant Director of Horticulture
    Karamadai Block, Coimbatore District
11. **Er. S. Murugesan**
    Assistant Engineer
    Department of Agricultural Engineering
    Coimbatore
12. **Sri. R. Rajendran**
    Assistant Inspector of Sericulture
    Technical Service Centre, Perianaickenpalayam
    Coimbatore District – 641 020
13. **Sri. V. Suresh**
    Assistant General Manager
    National Bank for Agriculture and Rural Development (NABARD)
    Coimbatore
14. **Sri.C.K. Venkateswaran**
    Deputy General Manager
    Canara Bank, No. 166, T.V. Swamy Road
    R.S.Puram, Coimbatore – 641 002
15. **Sri. S. Anubukkarasan**
    Senior Manager

Canara Bank, Circle Office
No.166, T.V.Swamy Road, R.S.Puram
Coimbatore – 641 002

16. Sri. U. Krishnan
Progressive Farmer
Naickenpalayam (S.O.), Periyanacikenpalayam block
Coimbatore District – 641 020

17. Sri. V. Rangarajan
President, Thendral Ulavar Mandram
Elur Village, Madhukkarai block
Coimbatore District

18. Sri.A.R. Kaliappan
Progressive Farmer
Allapalayam (Post), Annur block
Coimbatore District

19. Sri.T. Thiruvengadam
President, Pasumai Ulavar Mandram
Perumpathy, Jameenkaliapuram (Post)
Kinathukadavu block
Coimbatore District – 642 110

20. Tmt. S. Sundarammal
Progressive Farm Women
Kiddampalayam, Karamadai block
Coimbatore District

21. Tmt. Rangammal
Progressive Farm Women
Thekkampatty (post)
Karamadai block
Coimbatore District – 641 113

22. **Smt. N. Suganthi**
Programme Co-Ordinator (KVK) Incharge and Member Secretary
Sri Avinashilingam Krishi Vigyan Kendra
Vivekanandapuram (Post), Karamadai (via)
Coimbatore District – 641 113

PART II - DETAILS OF DISTRICT

BLOCK OF COIMBATORE DISTRICT

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

S. No	*Farming system/ enterprise*
	IRRIGATED
1	Paddy- Paddy, Paddy-Sugarcane
2	Sugarcane – Maize/ / Sorghum/ Groundnut / Cotton/ Vegetables/ Banana
3	Cotton + Blackgram+ Greengram+ Cowpea+ Maize, Cotton – Sesamum/ Maize/ Sorghum / Vegetables and Cumbu Napier CO-3 (Fodder Crop)
4	Tapiocca+ Brinjal/Onion, Tapiocca-Maize/ Sorghum / Groundnut
5	Turmeric +Onion+Chillies+Castor Seed, Turmeric- Maize / Sorghum / Vegetables and Cumbu Napier CO-3 (Fodder Crop)
6	Banana + Onion/ Coriander /Vegetable Cowpea / Tobacco and followed by Banana / Irrigated groundnut / Sorghum / Cotton and Cumbu Napier CO-3 (Fodder Crop)
7	Coconut +Banana (Few places) And Cumbu Napier CO-3 (Fodder Crop)
8	Coconut
9	Bhendi-Gourds-Chillies and Cumbu Napier CO-3 (Fodder Crop)
10	Tomato- Maize/Groundnut/Cotton
11	Maize- Ground nut/ Cotton/ Vegetables / Banana and Cumbu Napier CO-3 (Fodder Crop)
12	Brinjal – Maize and Cumbu Napier CO-3 (Fodder Crop)
13	Onion – Maize / Vegetables and Cumbu Napier CO-3 (Fodder Crop)
14	Cauliflower- Onion/Maize/
14	Curry leaf (Perennial)
15	Jasmine (Perennial)
16	Tube rose (Perennial)
	RAINFED
1	Ground nut + Castor+Cowpea+Redgram, Groundnut- Green gram/ Jowar / Cowpea/ Sesamum
2	Cotton + Pulses
3	Sunflower – Bengal gram
4	Blackgram/Greengram/ Vegetable cowpea
5	Sorghum/ Maize/ Lablab / Horsegram/ Pillipesara

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

S. No	*Agro climatic Zone*	*Characteristics*
1	Western Zone	Annual rainfall is 718 mm in 45 days. The monthly mean maximum temperature is 35^0 C in April and 30^0 C in January and November. The monthly mean minimum temperature is 19^0 C in January and 24^0 C in May. The predominant soil types are red and black soils. Dry land sowing start in June/July in red soils while groundnut is sown in red soils. In black soil areas, cotton for early rains and Bengal gram for late rains is raised. In the southern part of the zone the rainfall is about 550 mm only and more area is devoted to pastures with hardy trees like white babul. With the help of well and canal irrigation crops like cotton, finger millet and sugarcane are raised.

S. No	Agro-ecological situation	Characteristics
1.	Humid to semi arid	The Western Ghats and highlands of TamilNadu are humid but rest of the area is semi arid. The average annual rainfall in the central Western Ghats ranges from 600 to 2,000 mm and in southern part from 2,000 to 3,000 mm. The regions can be divided into Western Ghats, Plateau, River valleys, Undulating rocky plains and Coastal plains. The predominant soil groups are black, red, lateritic and alluvial. In the Western Ghats, acidic lateritic soils are predominant.

Source: Compendium of Research on Soil test crop response and rationalised fertilizer recommendations for crops in TamilNadu 1967 – 2000, TNAU

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Black soil	The soils are black / brown in colour. They include soils locally known as regur or black cotton soil, deep cotton soil, medium black soil. One of the characteristic feature is that it swells on wetting during the rainy season and shrinks and cracks in summer.	746799
	Red soil / Sandy soil	Generally red or reddish brown are derived from granites, gneiss, and other metamorphic rocks. They include soils locally known as red sandy soil and red alluvium. Their main features are a light texture, structure, absence of lime, and low soluble salts.	

Source : Soil atlas, State Dept of Agriculture,

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
	Cereals			
1	Paddy	7406	206650	279.0
2	Jowar	77490	283380	36.6
3	Bajra	412	7450	180.7
4	Ragi	69	1160	167.2
5	Maize	21662	258640	119.4
6	Varagu	1	10	113.7
7	Samai	23	180	71.1
	Pulses			
8	Bengalgram	4500	33350	74.1
9	Redgram	365	1970	54.0
10	Blackgram	1863	13020	69.9
11	Greengram	4456	15790	35.4
12	Horsegram	4261	18370	43.1
	Cash crops			
13	Sugarcane	8894	12377160 (in terms of cane)	1391.6 (in terms of cane)
14	Cotton			
	Under Irrigated	1831	3910	3.63
	Under Rainfed	9716	10898	1.91

15	Ground nut	22515	30471	1353
16	Gingelly	1478	715	484
17	Coconut	101541	10709 (Lakh nuts)	10547 (Nuts/ha)
18	Sun flower	282	350	1240
19	Castor	486	178	367
	Fruits			
15	Banana	8056	3955850	4910.4
16	Mango	3805	72670	191.0
17	Jack	23	2840	1234.6
18	Guava	176	19190	1090.4
19	Grapes	288	55090	1913.0
20	Pomegranate	65	Not available	Not available
21	Water Melan	56	Not available	250-300
	Vegetables			
22	Tapioca	848	324030	3821.1
23	Onion	2366	274990	1162.3
24	Brinjal	722	85020	1177.5
25	Bhendi	523	48970	936.4
26	Lab lab	113	Not available	80-100
27	Tomato	4846	508960	1050.3
28	Pumpkin	1026	Not available	180-200
29	Snake gourd	125	Not available	180
30	Ribbed gourd	77	Not available	140-150
	Spices and condiments			
31	Arecanut	1556	44690 (Cured nuts)	287.2
32	Cardamum	869	680	7.8
33	Chillies	1331	7560	56.8
34	Pepper	126	250	19.7
35	Curry leaf	1357	Not available	150
36	Mint	5	Not available	150-200
37	Coriander	2086	Not available	60-70
38	Turmeric	2339	178670	763.9
39	Tamarind	955	55940	5858

Source: State Statistical Department, Coimbatore

2.5. Weather data

Month	***Rainfall (mm)***	***Temperature ^{0} C***		***Relative Humidity (%)***	
		Maximum	***Minimum***	***07.22 hours***	***14.20 hours***
April, 10	15.0	36.6	25.2	85	42
May, 10	99.9	34.5	25.0	89	51
June, 10	40.8	32.2	24.0	84	57
July, 10	8.3	31.7	23.4	82	57
August, 10	69.9	30.5	22.7	88	63
September, 10	25.6	31.4	22.7	88	56
October, 10	156.4	31.1	22.2	91	62
November, 10	311.1	28.1	21.8	95	70
December, 10	35.0	28.1	21.8	95	70
January, 11	0.4	30.1	19.0	89	44
Februrary, 11	125.6	31.6	18.4	89	40

March, 11	23.6	33.5	20.7	88	35

Source: TamilNadu Agricultural University, Coimbatore

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

Category	Population	Production	Productivity
Cattle			
Crossbred	3,22,202	22,55,414 (litres)	5-7 lit /Day /Animal
Indigenous	40,038	2,00,190 (litres)	3-5 lit /Day /Animal
Buffalo	40,912	2,45,472 (litres)	4-6 lit /Day /Animal
Sheep			
Crossbred	47,898	11,97,450 (Kg)	25 kg at market age
Indigenous	1,58,937	28,60,866 (Kg)	12–18 kg at market age
Goats	2,86,499	51,56,982 (Kg)	12-18 kg at market age
Pigs			
Crossbred	3,944	2,76,080 (Kg)	70 Kg at market age
Indigenous	8,721	4,36,050 (Kg)	40-50 Kg at market age
Rabbits	16,562	33,124 (Kg)	1.5-2 Kg at market age
Poultry			
Hens	4,19,68,683	-	
Desi (Egg)	-	-	70 Nos / Life span
Layers (Egg)	-	-	210 Nos / Life span
Desi (Meat)	-	-	2 kg with in a year
Broilers (Meat)	-	-	2.4 kg within 37 days
Ducks	4,804	12,010 (Kg)	2.5 Kg at market age
Turkey	25,425	1,77,975 (Kg)	3-7 kg with in a year
Category	**Area**	**Production**	**Productivity**
Fish	It is not a significant, profitable and progressive enterprise in Coimbatore district, Because the soil characteristics and availability of water in Coimbatore district is not conducive for fishery enterprise.		
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

Source: Directorate of Animal Husbandry, (2004) Chennai

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 villages*	*Major crops and Enterprises being practiced*	*Major problems identified*	*Identified Thrust Areas*
1	Mettu palayam	Karamadai	Tholampalayam Velliangadu Thekkampatty Maruthur Kalampalayam Kemmaram palayam Karamadai Palapatty, Irumborai	Banana, Cotton, Sunflower, Groundnut, Sesamum, Greengram, Jasmine, Curry leaf, Sugarcane, Bhendi, Tomato, Brinjal, Lablab, Vegetable cowpea, and millets	➢ Pseudo stem weevil, bunch top, leaf spot attack and post harvest losses in banana ➢ Root rot, poor pod filling, leaf roller and sucking pest in groundnut ➢ Flower drop and pod borer in greengram ➢ Leaf curl, bud borer and root grub in jasmine ➢ Leaf spot in curry leaf ➢ Vein clearing and fruit borer in Bhendi ➢ Shoot& fruit borer and root grub in Brinjal ➢ Fruit borer, leaf curl and root rot in tomato ➢ Stem weevil, root rot, mealybug, fruit rot, Mg deficiency and flower and square shedding in cotton ➢ Leaf Webber and pod borer in Sesamum ➢ Poor seed setting in sunflower ➢ Scarcity of green fodder ➢ Mineral deficiency in milch animal ➢ Low work rate of labour with indegenious tools and practices ➢ Water scarcity ➢ Nutritional deficiency ➢ Indiscriminate use of fertilizers ➢ Low weight gain in goat	➢ Plant protection techniques in banana ➢ Plant protection in groundnut and greengram ➢ IPM in jasmine ➢ IDM in curry leaf ➢ IPM in bhendi ➢ Plant protection in bhendi ➢ IPM in tomato and other measures ➢ ICM in cotton ➢ Plant protection in Sesamum ➢ Enhancement of seed setting in sunflower ➢ Green fodder production techniques ➢ Mineral management in live stock ➢ Introduction of improved techniques / implements ➢ Improved irrigation system ➢ Nutritional kitchen garden ➢ Soil fertility Introduction of new breed (Boer)

2	Pollachi	Anaimalai, Pollachi North, Kinathukadavu	Anaimalai, Ramanamuthalipudur, Perumbathi Vadaputhur	Paddy, Groundnut, coconut, Tomato, Brinjal, Bhendi, Onion, Chillies, Vegetable cowpea, Maize, Banana, Tapioca, Turmeric, Black gram, Green gram, Red gram,	➢ Leaf curl, root rot and fruit borer in tomato ➢ Stem borer, downy mildew and weeds in maize ➢ Pseudo stem weevil, bunch top, leaf spot attack and post harvest losses in banana ➢ Indiscriminate use of fertilizers ➢ Mealy bug in tapioca ➢ Leaf roller, root rot and rust in groundnut ➢ Shoot& fruit borer and root grub in Brinjal ➢ Root rot and leaf curl in chillies ➢ Vein clearing and fruit borer in Bhendi ➢ Rhizome rot and leaf spot in turmeric ➢ Scarcity of green fodder ➢ Post harvest losses in tomato ➢ Malnutrition of women and children	IPM in tomato ➢ Plant protection in maize ➢ Plant protection in banana ➢ Soil test based recommendation ➢ IPM in tapioca ➢ IPM in groundnut ➢ IPM in brinjal ➢ Nutrient management ➢ IPM in bhendi ➢ IPM in turmeric ➢ Introduction of fodder variety ➢ Value addition in tomato ➢ Introduction of supplementary food mix
3	Coimbatore-N	SSKulam, Annur, PNPalayam	Vellamadai, Bhilichi, Nanjundapuram Annur, Pasur Karegoundanpudur, Kattampatty, Kariampalayam, Allapalayam, Kanuvakarai	Banana, Turmeric, Cotton, Mulberry, Bhendi, Vegetable cowpea, Brinjal, Tomato, Bitter gourd, Greengram, Groundnut, Sesamum, Bengalgram	➢ Root rot, poor pod filling and pod borer in bengalgram ➢ Unaware of new high yielding variety, Rhizome rot and leaf spot in turmeric ➢ Pseudo stem weevil, bunch top, leaf spot attack and post harvest losses in banana ➢ Stem weevil, root rot, mealybug, fruit, rot, Mg deficiency and flower and square shedding in cotton ➢ Vein clearing and fruit borer in Bhendi ➢ Aphids and pod borer in vegetable cowpea ➢ Indiscriminate use of fertilizers ➢ Scarcity of green fodder	➢ Improved cultivation practices ➢ Enhancement of pod setting ➢ Introduction of new variety and Plant protection in turmeric ➢ IPM in banana and post harvest technology in banana ➢ ICM in cotton ➢ Plant protection in bhendi, vegetable cowpea and bitter gourd ➢ Integrated Nutrient Management ➢ Introduction of fodder variety

					➢ Nutritional and Mineral deficiency in milch animal ➢ Inefficient conventional practice and Non availability of farm labours ➢ Water scarcity ➢ Malnutrition among children	➢ Mineral management in live stock ➢ Introduction of improved techniques / implements ➢ Introduction of modern irrigation system ➢ Introduction of supplementary food mix

2.9 Priority thrust area

Sl.No.		THRUST AREAS
1	:	Enhancing production & productivity in oilseeds and pulses
2	:	Introduction of new high yielding varieties in cotton, turmeric and fodder
3	:	Introduction of farm mechanization in cotton, groundnut and bengalgram cultivation
4	:	Soil health
5	:	Plant protection in vegetables
6	:	Banana and tomato processing
7	:	Modern irrigation systems
8	:	Higher productivity of green fodder
9	:	Enhancing milk quality and quantity
10	:	Market led extension

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
4	4	120	135	9	9	90	118

Training				Extension Activities			
3				4			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
200	224	4000	4945	400	**451**	9000	**11587**

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
7	6.6	500000	**504269**

Livestock (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
90	80	14000	13000

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	Cereals based production system and Farm machinary	Paddy	Cost of operation is high in conventiolal practices	Performance and sutiability of various weeders in paddy cultivation	-	5	-	-	2	-	-	-	-	-
2	Nutrient Management	Boer Goat	Low weight gain and number kids	Introduction of Boer goat among local farming community	-	50	-	-	2	-	-	-	-	-
3.	Nutrient Management	Dairy	Infertility	Synchronization of estrus in dairy cows	-	30	-	-	2	-	-	-	-	-
4	Nutrient Management	Poultry	Ranikhet disease	Assessment of oral pellet vaccination in desi chicken	-	50	-	-	-	-	-	-	-	-
5	Integrated crop management	Groundnut	Low yield due to poor agronomic practices	-	ICM in rainfed Ground nut	15	-	-	2	-	-	-	3	60
6	Integrated crop management	Greengram	Low yield due to poor agronomic practices	-	Improvedpack age of practices for rainfed Green gram	10	-	-	2	1.0	-	-	2	25

7	Integrated crop management	Bengalgram	Low yield due to poor agronomic practices	-	Improved cultivation practices for rainfed Bengal gram	12	-	-	1	-	-	-	4	*50*
8	Nutrient Management	Maize	Poor yield	-	ICM in Maize	10	-	-	2	1.2	-	-	2	*15*
9	Integrated crop management	Tomato	Pest and disease incidence	--	ICM in Tomato	15	-	-	2	-	--	-	3	*32*
10	Nutrient Management	Bhendi	Pest and disease incidence	-	ICM in Bhendi	10	-	-	2	-	-	-	3	*820*
11	Integrated crop management	chillies	Pest and disease incidence	-	ICM in Chillies	10	-	-	1	-	-	-	2	*20*
12	Feed and fodder management	Mixed fodder	Unaware of green fodder	-	Popularization of mixed fodder	16	-	-	2	0.175	25000	-	-	-
13	Storage loss minimization techniques	Vegetable preservator	Low sheil life period	-	Introducing vegetable preservator	20	-	-	2	-	-	-	-	-

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 (Specify)***
1	***2***	***3***	***4***	***5***	***6***	***7***	***8***

1	Performance and sutiability of various weeders in paddy cultivation	TNAU, STIHL	Paddy	*5*	-	4	-
2	Introduction of Boer goat among local farming community	TANUVAS	Boer Goat	*50*	-	2	-
3	Synchronization of estrus in dairy cows	TANUVAS	Dairy	*30*	-	2	-
4	Assessment of oral pellet vaccination in desi chicken	TANUVAS	Poultry	*50*	-	2	-
5	ICM in rainfed Ground nut	TNAU	Groundnut	-	15	3	-
6	Improvedpackage of practices for rainfed Green gram	TNAU	Greengram	-	10	4	-
7	Improved cultivation practices for rainfed Bengal gram	TNAU	Bengalgram	-	12	3	-
8	ICM in Maize	TNAU	Maize	-	10	4	-
9	ICM in Tomato	TNAU	Tomato	-	15	3	-
10	ICM in Bhendi	TNAU	Bhendi	-	10	4	-
11	ICM in Chillies	TNAU	chillies	-	10	3	-
12	Popularization of mixed fodder	TANUVAS	Mixed fodder	-	16	2	-
13	Introducing vegetable preservator	CRIDA	Vegetable preservator	-	20	4	-

3. B2 contd...

S.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	5	0	0	0	0	0	0	0	92	2	6	0	0	0	0	0
2	45	5	0	0	0	0	0	0	24	18	2	1	0	0	0	0
3	26	4	0	0	0	0	0	0	15	13	1	1	0	0	0	0
4	40	10	0	0	0	0	0	0	21	18	6	5	0	0	0	0
5	0	0	0	0	15	0	0	0	28	16	2	2	0	0	0	0
6	0	0	0	0	10	0	0	0	31	16	1	1	0	0	0	0
7	0	0	0	0	10	2	0	0	24	8	0	0	0	0	0	0
8	0	0	0	0	4	6	0	0	37	9	2	1	0	0	0	0
9	0	0	0	0	15	0	0	0	18	14	0	1	0	0	0	0
10	0	0	0	0	2	8	0	0	23	19	0	0	0	0	0	0
11	0	0	0	0	8	2	0	0	18	11	1	1	0	0	0	0
12	0	0	0	0	12	4	0	0	9	21	0	0	0	0	0	0
13	0	0	0	0	10	10	0	0	32	12	4	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0
Varietal Evaluation	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0	0	0	0	0	0	0
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technology	0	0	0	0	0	0	0	0	0	0
Farm Machineries	1	0	0	0	0	0	0	0	0	1
Integrated Farming System	0	0	0	0	0	0	0	0	0	0
Seed / Plant production	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Drudgery Reduction	0	0	0	0	0	0	0	0	0	0
Storage Technique	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Total	**1**	0	0	0	0	0	0	0	0	**1**

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

Thematic areas	*Cereals*	*Oilseeds*	*Pulses*	*Commercial Crops*	*Vegetables*	*Fruits*	*Flower*	*Plantation crops*	*Tuber Crops*	*TOTAL*
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Varietal Evaluation	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0	0	0	0	0	0	0
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technology	0	0	0	0	0	0	0	0	0	0
Farm Machineries	0	0	0	0	0	0	0	0	0	0
Integrated Farming System	0	0	0	0	0	0	0	0	0	0
Seed / Plant production	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Drudgery Reduction	0	0	0	0	0	0	0	0	0	0
Storage Technique	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Thematic areas	*Cattle*	*Poultry*	*Piggery*	*Rabbitary*	*Fisheries*	*TOTAL*
Evaluation of Breeds	1	0	0	0	0	1
Nutrition Management	1	0	0	0	0	1
Disease of Management	0	1	0	0	0	0
Value Addition	0	0	0	0	0	0
Production and Management	0	0	0	0	0	0
Feed and Fodder	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0
TOTAL	**2**	1	0	0	0	**3**

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

Thematic areas	*Cattle*	*Poultry*	*Piggery*	*Rabbitary*	*Fisheries*	*TOTAL*
Evaluation of Breeds	0	0	0	0	0	0
Nutrition Management	0	0	0	0	0	0
Disease of Management	0	0	0	0	0	0
Value Addition	0	0	0	0	0	0
Production and Management	0	0	0	0	0	0
Feed and Fodder	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**

4. B. Achievements on technologies Assessed and Refined

4. B.1. Technologies Assessed under various Crops

Thematic areas	*Crop*	*Name of the technology assessed*	*No. of trials*	*No. of Farmers*	*Area (ha)*
Integrated Nutrient Management	0	0	0	0	0
	0	0	0	0	0
Varietal Evaluation	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0	0
Weed Management	0	0	0	0	0
Resource Conservation Technology	0	0	0	0	0
Farm Machineries	0	0	0	0	0
Integrated Farming System	0	0	0	0	0
Seed / Plant production	0	0	0	0	0
Value addition	0	0	0	0	0
Drudgery Reduction	0	0	0	0	0
Storage Technique	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**

4. B.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of Farmers	Area (ha)
Integrated Nutrient Management	0	0	0	0	0
Varietal Evaluation	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0
Small Scale Income Generation Enterprises	0	0	0	0	0
Weed Management	0	0	0	0	0
Resource Conservation Technology	0	0	0	0	0
Farm Machineries	0	0	0	0	0
Integrated Farming System	0	0	0	0	0
Seed / Plant production	0	0	0	0	0
Value addition	0	0	0	0	0
Drudgery Reduction	0	0	0	0	0
Storage Technique	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**

4. B.3. Technologies assessed under Livestock

Thematic areas	*Name of the livestock enterprise*	*Name of the technology assessed*	*No. of trials*	*No. of Farmers*
Evaluation of breeds	Goat	Introduction of Boer goat among local farming community	150	50
Nutrition management	Dairy	Synchronization of estrus in dairy cows	30	30
Disease management	Poultry	Assessment of oral pellet vaccination in desi chicken	500	50
Value addition	0	0	0	0
Production and management	0	0	0	0
Feed and fodder	0	0	0	0
Small scale income generating enterprises	0	0	0	0
Total	**0**	0	**680**	**130**

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

Thematic areas	*Name of the livestock enterprise*	*Name of the technology assessed*	*No. of trials*	*No. of Farmers*
Evaluation of breeds	0	0	0	0
Nutrition management	0	0	0	0
Disease management	0	0	0	0
Value addition	0	0	0	0
Production and management	0	0	0	0
Feed and fodder	0	0	0	0
Small scale income generating enterprises	0	0	0	0
Total	0	0	0	0

4. C1. Results of Technologies Assessed

Results of On Farm Trial - 1

<table>
<tr><th>Crop/ enterprise</th><th>Farming situation</th><th>Problem definition</th><th>Title of OFT</th><th>No. of trials</th><th>Technology Assessed</th><th>Parameters of assessment</th><th colspan="5">Data on the parameter</th></tr>
<tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td colspan="5">8</td></tr>
<tr><td rowspan="5">Paddy</td><td rowspan="5">Wetland</td><td rowspan="5">Cost of operation is high in conventiolal practices</td><td rowspan="5">Performance and sutiability of various weeders in paddy cultivation</td><td rowspan="5">5</td><td rowspan="5">1.Weeding with Cono weeder
2. Weeding with Rotary weeder
3. Weeding with Multi row power weeder (TNAU).
4. Weeding with Multi row power weeder (STIHL).</td><td rowspan="5">1.Field capacity(ha/d)
2.Cost of operation(Rs/ha)
3.Fuel consumption (lit./hr)
4. Weeding efficiency (%)</td><td>Data on the parameter</td><td>1.Weeding with Cono weeder</td><td>2. Weeding with Rotary weeder</td><td>3. Weeding with Multi row power weeder (TNAU).</td><td>4. Weeding with Multi row power weeder (STIHL).</td></tr>
<tr><td>1.Field capacity(ha/d)</td><td>0.10</td><td>0.09</td><td>0.80</td><td>0.99</td></tr>
<tr><td>2.Cost of operation(Rs/ha)</td><td>5325.00</td><td>7625.00</td><td>3150.00</td><td>3200.00</td></tr>
<tr><td>3.Fuel consumption (lit./hr)</td><td>-</td><td>-</td><td>0.42-0.45</td><td>0.52-0.55</td></tr>
<tr><td>4. Weeding efficiency (%)</td><td>82</td><td>84</td><td>76</td><td>74</td></tr>
</table>

Contd..

Results of assessment	***Feedback from the farmer***	***Any refinement needed***	***Justification for refinement***
9	10	11	12
Mannual operated mechanical weeders are good compared with conventional method, meantime it request more time and also not easy to operate it. Power weeders are so easy to operate.performance well. The width of the cutting blade can be increased. The ground clearance can be increased.	1. Weeding with cono weeder is drudgery process. 2. Weeding with rotary weeder in time consuming process. 3. Motraized weeders are very usefull. 4. The cost of the equioment is high.	1. The width of the cutting blade can increased. 2.the ground clearance can be increased	1. It can reduce the time of weding operation. 2. It can increases weeding efficiency.

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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
Technology option 1 (Farmer's practice) Weeding with Cono weeder	TNAU	5100	*kg/ha*	9450.00	1.21:1
Technology option 2 Weeding with Rotary weeder	TNAU	4800	*kg/ha*	4700.00	1.10:1
Technology option 3 Weeding with Multi row power weeder	TNAU	4950	*kg/ha*	10675.00	1.25:1

(TNAU).					
Technology option 4 Weeding with Multi row power weeder (STIHL).	STIHL	5400	*kg/ha*	15125.00	1.35:1

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	**:**	Performance and suitability of various weeders in paddy cultivation
2	Problem Definition	**:**	Cost of operation in manual weeding is high and also reduces the economic returns. Uncertainity and poor performance in conventional practices of manual weeding
3	Details of technologies selected for assessment	**:**	1.Weeding with Cono weeder 2. Weeding with Rotary weeder 3. Weeding with Multi row power weeder (TNAU). 4. Weeding with Multi row power weeder (STIHL).
4	Source of technology	**:**	TNAU, TNAU, TNAU and STIHL
5	Production system and thematic area	**:**	Cereals based production system and Farm machinary
6	Performance of the Technology with performance indicators	**:**	
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	**:**	Cost of operation in manual weeding is high and also reduce the economic returns, uncertainity and poor performance in conventional practices of manual weeding which results low economic returns

Parameter	1.Weeding with Cono weeder	2. Weeding with Rotary weeder	3. Weeding with Multi row power weeder (TNAU).	4. Weeding with Multi row power weeder (STIHL).
1.Field capacity(ha/d)	**0.10**	**0.09**	**0.80**	**0.99**
2.Cost of operation(Rs/ha)	**5325.00**	**7625.00**	**3150.00**	**3200.00**
3.Fuel consumption (lit./hr)	**-**	**-**	**0.42-0.45**	**0.52-0.55**
4. Weeding efficiency (%)	**82**	**84**	**76**	**74**

			Mannual operated weeders are good compared with conventional method, mean time it rtakes more time for operation. Power weeders are so easy to operate. Field capacity – 1 Weeding efficiency -2 Cost of operation – 3 Fuel consumption -4
8	Final recommendation for micro level situation	**:**	Weeding with Multi row power weeder (STIHL) is recommended. Group approach can be motivated
9	Constraints identified and feedback for research	**:**	The width of the cutting blade can be increased. The ground clearance can be increased.
10	Process of farmers participation and their reaction	**:**	Group discussion , meeting, training , demonstrations, discussions The farming community seeks low cost power weeder

4. C1. Results of Technologies Assessed

Results of On Farm Trial - 2

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Boer Goat	Grazing	Low weight gain and number kids	Introduction of Boer goat among local farming community	150	**Technologyoption1** Farmers practice Breeding of goat with locally available goats **Technologyoption2** cross breeding of local goat with Boer Semon	1. Mortality percentage 2. Kids birth weight 3.Conception rate 4.Kidding percentage 5.3,6,9, 12th month body weight of the kids born	To be assessed	To be assessed	To be assessed	To be assessed	To be assessed

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
Technology option 1 Farmers practice Breeding of goat with locally available goats	-	To be assessed	To be assessed	To be assessed	To be assessed
Technology option 2 cross breeding of local goat with Boer Semon	TANUVAS	To be assessed	To be assessed	To be assessed	To be assessed

Justification:

1.The farmers breed their goat with locally available bug which result is poor performance of kids

2.The upgradation of locally available goat can be achieved by the cross breeding with Tellicherry and Jamuna pari goat

3.Currently boer bug are not available in the field condition for upgradation of local breed very few bugs are maintained in organized goat farm and their potential can be utilized till instant,distance of different places only by artificial insemination

4. C1. Results of Technologies Assessed

Results of On Farm Trial - 3

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Dairy	Grazing	Infertility	Synchronization of estrus in dairy cows	30	**Technology option 1** Doing A.I for different animals whenthey come for oestrus at different periods **Technology option 2** Oestrus synchronization withOvo syn technology	Fertility rate	T_1- 56% T_2-92%	35 % of fertility rate was moe compare to normal A.I	1.Animals come to heat expect date 2. Easily we can asses the date of caving. 3.Throug out the year mlk producti onis constant	Nil	Nil

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
Technology option 1 Doing A.I for different animals whenthey come for oestrus at different periods	-	-	-	-	-
Technology option 2 Oestrus synchronization withOvo syn technology	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	**:**	Synchronization of estrus in dairy cows
2	Problem Definition	**:**	Infertility
3	Details of technologies selected for assessment	**:**	**Technology option 1** Doing A.I for different animals whenthey come for oestrus at different periods **Technology option 2** Oestrus synchronization withOvo syn technology
4	Source of technology	**:**	TANUVAS
5	Production system and thematic area	**:**	Livestock based production and Nutrition management
6	Performance of the Technology with performance indicators	**:**	T_1- 56% T_2-92%
7	Feedback, matrix scoring of various technology parameters done through farmer's participation /	**:**	1.Animals come to heat expect date 2. Easily we can asses the date of caving.

	other scoring techniques		
8	Final recommendation for micro level situation	**:**	Oestrus synchronization withOvo syn technology
9	Constraints identified and feedback for research	**:**	Farmers felt difficult in following Step involved in this technology
10	Process of farmers participation and their reaction	**:**	Discussion with deptarment of animal husbandry (karamadai block) Indentification of co opertative farmers having sutiable animals Implementation of both technologies in different animals having one farmer Requlr monitoring and data collection from the farmers **Farmers reaction** 1.Throug out the year mlk productionis constant

4.C1. Results of Technologies Assessed

Results of On Farm Trial - 4

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Poultry	Backyard	Ranikhet disease	Assessment of oral pellet vaccination in desi chicken	500	**Technology option 1** **Farmers practice** No vaccination or vaccination at 8th to 10th week with RDVK vaccine at veterinary dispensaries **Technology option 2** 1.Lasota vaccine- EYE drop- 7 th and 14thday 2. RDVK- SUBCUTANEOUS 8TH and 16th week **Technology option 3** 1.Oral Pellet Ranikhet vaccine on the 7 th to 14thday 2. RDVK- subcutaneous 8th and 16th week	1.one drop of blood in filter papa on 8thweek both in non vacinated (5 % of the birds) and vaccinatedflock (10 of birs) 2.mortality pattern age wise.	To be assessed	To be assessed	To be assessed	To be assessed	To be assessed

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
Technology option 1					

Farmers practice No vaccination or vaccination at 8th to 10th week with RDVK vaccine at veterinary dispensaries	To be assessed	To be assessed	To be assessed	To be assessed	To be assessed
Technology option 2 1.Lasota vaccine- EYE drop- 7 th and 14thday 2. RDVK- SUBCUTANEOUS 8TH and 16th week	To be assessed	To be assessed	To be assessed	To be assessed	To be assessed
Technology option 3 1.Oral Pellet Ranikhet vaccine on the 7 th to 14thday 2. RDVK- subcutaneous 8th and 16th week	To be assessed	To be assessed	To be assessed	To be assessed	To be assessed

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

10 Process of farmers participation and their reaction

4. D1. Results of Technologies Refined

Results of On Farm Trial - 1

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

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*
12	13	14	15	16	17
Technology Option 1 (best performing Technology Option in assessment)					
Technology Option 2 (Modification over Technology Option 1)					
Technology Option 3 (Another Modification over Technology Option 1)					

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

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

PART V - FRONTLINE DEMONSTRATIONS

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
	Oilseeds													
	Groundnut	Rainfed	Kharif 2010	Groundnut	Co-3	-	Integrated crop management	ICM in rainfed Ground nut	6	6	-	15	15	-
	Pulses													
		Rainfed	Kharif 2010	Green gram	VBN-3	-	Integrated crop management	Improvedpackage of practices for rainfed Green gram	5	5	-	10	10	-
		Irrigated	Rabi 2010	Bengal gram	Co-4	-	Integrated crop management	Improved cultivation practices for rainfed Bengal gram	4	4	-	12	12	-
	Cereals													
		Irrigated	Kharif 2010	Maize	kargil	-	Nutrient Management	ICM in Maize	3	3	-	10	10	-
	Millets													
	Vegetables													
		Irrigated	Kharif 2010	Tomato	-	Mycho - 5005	Integrated crop management	ICM in Tomato	4	5	-	15	15	-

		Irrigated	Kharif 2010	Bhendi	-	Mycho - 10	Nutrient Management	ICM in Bhendi	4	4	-	10	10	-
		Irrigated	Kharif 2010	Chillies	Local	-	Integrated crop management	ICM in Chillies	4	4	-	10	10	-
	Flowers													
	Ornamental													
	Fruit													
	Spices and condiments													
	Commercial													
	Medicinal and aromatic													
	Fodder													
		irrigated	Kharif 2010	Mixed fodder	-	-	Feed and fodder management	Popularization of mixed fodder	1	1	-	16	16	-
	Plantation													
	Fibre													

	Dairy													
	Poultry													
	Rabbitry													
	Pigerry													
	Sheep and goat													
	Duckery													
	Common carps													
	Mussels													
	Ornamental fishes													
	Oyster mushroom													
	Button mushroom													

	Vermicompost													
	Sericulture													
	Apiculture													
	Implements													
	Others (specify)	-	2010	Fruits and vegetables	CRIDA Model	-	Storage loss minimization techniques	Introducing vegetable preservator	2	2	-	20	20	-
	Backyard poultry													

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	Season and year	Status of soil			Previous crop grown
										N	P	K	
	Oilseeds	Rainfed	Kharif 2010	Groundnut	Co-3	-	Integrated crop management	ICM in rainfed Ground nut	Kharif 2010	120-228	21-32	476-542	Maize Pulses
	Pulses												
		Rainfed	Kharif 2010	Green gram	VBN-3		Integrated crop management	Improvedpackage of practices for rainfed green gram	Kharif 2010	124-144	18-31	297-399	Sorghum
			Rabi 2010	Bengal gram	Co-4		Integrated crop management	Improved cultivation practices for rainfed Bengal gram	Rabi 2010	213-258	16-29	388-512	Sorghum Greengram
	Cereals												
		Irrigated	Kharif 2010	Maize	kargil	-	Nutrient Management	ICM in Maize	Kharif 2010	167-210	12-26	368-487	Vegetables
	Millets												
	Vegetables												
		Irrigated	Kharif 2010	Tomato	-	Mycho - 5005	Integrated crop management	ICM in Tomato	Kharif 2010	112-267	15-34	465-879	Tomato Sorghum Maize Pulses
		Irrigated	Kharif 2010	Bhendi	-	Mycho - 10	Nutrient Management	ICM in Bhendi	Kharif 2010	118-234	22-38	498-561	Tomato Sorghum Pulses

		Irrigated	Kharif 2010	Chillies	Local	-	Nutrient Management	ICM in Chillies	Kharif 2010	234-288	34-39	498-612	Banana Maize Bhendi
	Flowers												
	Ornamental												
	Fruit												
	Spices and condiments												
	Commercial												
	Medicinal and aromatic												
	Fodder												
	Plantation												
	Fibre												

5. B. Results of Frontline Demonstrations

5. B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
							H	L	A										
Oilseeds																			
Ground nut	ICM in rainfed Ground nut	Co-3	-	Rainfed	12	6	21.2	17.4	20.6	16.8	22.6	25310	55620	30310	2.2:1	23450	45360	21910	1.9:1
Pulses																			
Green gram	Improvedpackage of practices for rainfed green gram	VBN-3	-	Rainfed	12	5	11.3	10.0	10.8	8.1	41.3	21440	63600	44160	2.96:1	20873	48600	27727	2.32:1
Bengal gram	Improved cultivation practices for rainfed Bengal gram	Co-4	-	Rainfed	12	4	11.8	9.8	11.2	9.2	21.7	20345	42560	22215	2.09:1	18680	34960	16280	1.87:1
Cereals																			

Maize	ICM	kargil	-	Irrigated	10	3	78.5	63.6	72.5	62.5	16	28392	87000	58608	3.06:1	30150	75000	44850	2.48:1
Millets																			
Vegetables																			
Tomato	ICM	-	Mycho - 5005	Irrigated	15	6	620	560	589.7	500	17.9	63000	176910	113910	2.80:1	68000	150000	82000	2.20:1
Bhendi	ICM	-	Mycho - 10	Irrigated	10	4	141.6	112.6	128.8	102	26.2	57000	115920	58920	2.03:1	61000	91800	30800	1.50:1
Chillies	ICM	Local	-	Irrigated	10	4	17.2	11.7	14.3	10.6	34.9	41000	85800	44800	2.09:1	46000	63600	17600	1.38:1
Flowers																			
Ornamental																			

Fruit																			
Spices and condiments																			
Commercial																			
Medicinal and aromatic																			
Fodder																			
	Popularization of mixed fodder	-	-	Irrigated	15	15	7.6	5.8	6.5	5.4	20	51.00	96.00	*45.00	1.88:1	51.00	76.00	25.00	1.49:1
Plantation																			
Fibre																			
Others (pl.specify)																			

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H – Highest Yield, L – Lowest Yield A – Average Yield

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

Groudnut demonstration

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Bud negrosis incidence	nil	2-3 plants/sq.m

Maize demonstration

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No.of weeds/ sq.m on 35 th day	6	18
Shoot fly on 40 th day	2 plants/100 sq.m	7plants/100 sq.m
No. of stem borer affected plants	2 plants/100 sq.m	6 plants/100 sq.m

Tomato demonstration

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No.of plants affected by Root rot/ sq.m	Nil	6 plants/100 sq.m
No.of plants affected by Fruit borer/ sq.m	4 plants/100 sq.m	12 plants/100 sq.m

Bhendi demonstration

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No.of plants affected by Fruit borer / sq.m	3plants/100 sq.m	7 plants/100 sq.m

Chillies demonstration

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No.of plants affected by Root rot/ sq.m	Nil	4 plants/100 sq.m
No.of plants affected by Fruit rot/ sq.m	Nil	7 plants/100 sq.m

5. B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Milk Yield (litre/ animal/day)				% Increase	Economics of demonstration (Rs./animal/day)				Economics of check (Rs./animal/day)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
					H	L	A										
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbitry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Pigerry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duckery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check if any**
0	0	0
0	0	0

5. B.3. Fisheries: -- Nil --

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2)	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Common carps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mussels	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**
0	0	0

5. B.4. Other enterprises: -- Nil --

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area (m^2}	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
					H	L	A										
Oyster mushroom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Button mushroom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi compost	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**
0	0	0
0	0	0

5. B.5. Farm implements and machinery

Name of the implement	Name of the technology demonstrated	No. of Demo	Units/ Area (m^2)	Shelf life (days)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
				Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
				H	L	A										
Introducing vegetable preservator	CRIDA Model	2	20	7days	6days	6days	2days	100	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

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

Data on other parameters in relation to technology demonstrated (Vegetable preservator)		
Parameter with unit/Shelflife	**Demo**	**Local**
Number of days increased for bhendi	7 days	3days
Number of days increased for Amaranthus	4 days	2 days
Number of days increased for bittergourd	6 days	3days
Number of days increased for pudhina	5days	2days

5. B.6. Cotton

5. B.6.1.Summary of demonstrations conducted under FLD cotton

Sl. No.	Category	Technology Demonstrated	Variety	Hybrid	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
						Proposed	Actual	SC/ST	Others	Total	
	Production Technology	Integrated crop management system alomg with full package	0	RCH2Bt	Karif 2010	10	10	1	24	25	-
	IPM	0	0	0	0	0	0	0	0	0	0
	Farm Implements	0	0	0	0	0	0	0	0	0	0

5. B.6.2 Production technology demonstrations

Performance of demonstrations

Farming situation	Technology Demonstrated	Area (ha)	No.of demo.	Variety	Hybrid	Yield (q/ha)		% Increase	Economics of demonstration (Rs./ha)				Economics of local check (Rs./ha)			
						Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Irrigated	Integrated crop management system alomg with full package	10	25	-	RCH2Bt	18.8	14.3	31.4	39914	90240	50326	2.26:1	46354	68640	22286	1.48:1

Performance of Bt hybrids, Desi hybrids, non-Bt hybrids and Varieties in Front Line Demonstrations in cotton during 2010-11

Category	Farming situation	Technology Demonstrated	Area (ha)	No.of demo.	Variety	Hybrid	Yield (q/ha)		% Increase	Economics of demonstration (Rs./ha)				Economics of local check (Rs./ha)			
							Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Bt hybrids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Desi hybrids (AXA)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HXB Hybrids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HXH Hybrids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Herbacium Varieties	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hirsutum Varieties	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arboreum Varieties	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5. B. 6.3 Integrated pest management demonstrations

Farming situation	*Variety*	*Hybrid*	*No. of blocks*	*Total No. of Demo.*	*Area (ha)*	*Incidence of pest and diseases (%)*			*Seed Cotton Yield (q/ha)*			*Economics of demonstration (Rs./ha)*				*Economics of local check (Rs./ha)*			
						IPM	*Non IPM*	*% Change*	*IPM*	*Non IPM*	*% Change*	*Gross Cost*	*Gross Return*	*Net Return*	*BCR*	*Gross Cost*	*Gross Return*	*Net Return*	*BCR*
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5. B.6.4 Demonstrations on farm implements

Name of the implement	***Area (Ha)***	***No. of Demo.***	***Name of the technology demonstrated***	***Details on parameters***		
				Demo	***Local check***	***BCR***
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

5. B.6.5 Extension Programmes organized in Cotton Demonstration Plots

Extension activity	No. of Programmes	Participants			SC/ST		
		Male	Female	Total	Male	Female	Total
Consultancy	0	0	0	0	0	0	0
Conventions	0	0	0	0	0	0	0
Demonstrations	0	0	0	0	0	0	0
Diagnostic surveys	2	18	6	24	1	0	1
Exhibition	0	0	0	0	0	0	0
Farmer study tours	0	0	0	0	0	0	0
Farmers Field school	0	0	0	0	0	0	0
Field Days	1	43	22	65	19	8	27
Field visits	8	35	12	47	4	2	6
Gram sabha	0	0	0	0	0	0	0
Group discussions	2	26	12	38	2	0	2
Kisan Gosthi	0	0	0	0	0	0	0
Kisan Mela	0	0	0	0	0	0	0
Training for Extension Functionaries	2	23	9	32	2	1	3
Training for farmers	4	90	33	123	4	1	5
Viedo show	0	0	0	0	0	0	0
Newspaper coverage	0	0	0	0	0	0	0
Popular articles	0	0	0	0	0	0	0
Publication	0	0	0	0	0	0	0
Radio talks	0	0	0	0	0	0	0
T.V. Programme	0	0	0	0	0	0	0
Others (Pl.specify) Handouts	1	Mass					
TOTAL	**19**	**235**	**94**	**329**	**32**	**12**	**44**

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	Maize	ICM in Maize	Application of maize maxim results in more no. of seeds /cob and also it reduce the zinc deficiency in maize
2	Groundnut	ICM in rainfed Ground nut	Introduction of Improved cultivation practices effectively increased the yield of 22.6% over control.
3	Green gram	Improvedpackage of practices for rainfed Green gram	Foliar application of pulse wonders results in more no.of seeds /pod.
4	Bengal gram	Improved cultivation practices for rainfed Bengal gram	Introduction of Improved cultivation practices effectively increased the yield of 21.7% over control.
5	Tomato	ICM in Tomato	Integrated pest management effectively control the fruit borer incidences
6	Bhendi	ICM in Bhendi	Soil test based fertilizer recommendation reduced the fertilizer cost
7	Chillies	ICM in Chillies	Introduction of Improved cultivation practices effectively increased the yield of 34.9% over control.
8	Vegetable preservator	CRIDA Model	Self life of the produces increased
9	Fodder	Popularization of mixed fodder	It supplies all kinds of leguminous and cereal fodder. Constant supply of fodder is possible throughout the year.
10	Cotton	Integrated crop management system along with full package	Farmers were satisfied with, seed treatment with bio agents, soil application of bio fertilizers and observed higher yield in demonstration fields under irrigated conditions.

5. B.6.7 Farmers' reactions on specific technologies

S. No	*Crop / Enterprise*	*Name of the technology demonstrated*	*Feed Back*
1	Maize	ICM in Maize	They received more yield (16%)when compared to control
2	Groundnut	ICM in rainfed Ground nut	In demonstration plot they got minimum single seeded pod when compared to control
3	Green gram	Improvedpackage of practices for rainfed Green gram	Seeds are in bold size and fectches high price
4	Bengal gram	Improved cultivation practices for rainfed Bengal gram	Fruit borer is controlled effictviley
5	Tomato	ICM in Tomato	Root rot and fruit borer is controlled effictviley
6	Bhendi	ICM in Bhendi	They recived more pickings
7	Chillies	ICM in Chillies	Controlled flower drop
8	Vegetable preservator	CRIDA Model	In greens shelf life is increased
9	Fodder	Popularization of mixed fodder	To get fodder in throughout the year.
10	Cotton	Integrated crop management system along with full package	Incidence of stem weevil attack was found minimum.

5. B.6.8 Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	9	292	-
2	Farmers Training	23	317	-
3	Media coverage	2	-	-
4	Training for extension functionaries	9	24	-
	Total			**-**

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	Units/ Area (ha)	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
					H	L	A										
Cereals																	
Bajra																	
Maize																	
Paddy																	
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	ICM	Mycho - 5005	15	6	620	560	589.7	500	17.9	63000	176910	113910	2.80:1	68000	150000	82000	2.20:1
Brinjal																	

Okra	ICM	Mycho -10	10	4	141.6	112.6	128.8	102	26.2	57000	115920	58920	2.03:1	61000	91800	30800	1.50:1
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																	

H-High L-Low, A-Average

*Please ensure that the name of the hybrid is correct pertaining to the crop specified

PART VII.TRAINING

7. A. 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	1	23	0	23	0	0	0	23	0	23
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/Irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	2	20	0	20	2	0	2	22	0	22
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	3	37	0	37	2	0	2	39	0	39
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	2	35	7	42	0	0	0	35	7	42
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0

b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	18	1	19	0	0	0	18	1	19
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	2	15	20	35	0	5	5	15	25	40
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	1	33	0	33	4	0	4	37	0	37

Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	1	48	4	52	12	0	12	60	4	64
Post harvest technology and value addition	1	10	3	13	0	0	0	10	3	13
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Soil Health and Fertility Management										
Soil fertility management	1	13	0	13	0	0	0	13	0	13
Integrated water management										
Integrated nutrient management	1	20	0	20	0	0	0	20	0	20
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient use efficiency	0	0	0	0	0	0	0	0	0	0
Balanced use of fertilizers	1	22	7	29	0	0	0	22	7	29
Soil and water testing	2	21	19	40	3	3	6	24	22	46
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Livestock Production and Management										
Dairy Management	1	16	17	33	0	0	0	16	17	33
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Feed and Fodder technology	3	31	15	46	0	0	0	31	15	46
Production of quality animal products	0	0	0	0	0	0	0	0	0	0

Others (pl. specify)	1	2	5	7	2	11	13	4	16	20
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	14	14	0	3	3	0	17	17
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	1	3	9	12	0	0	0	3	9	12
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	2	26	29	55	0	0	0	26	29	55
Women empowerment	1	0	30	30	0	5	5	0	35	35
Location specific drudgery production	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	26	26	0	4	4	0	30	30
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Agril. Engineering										
Farm machinery and its maintenance	2	19	3	22	0	0	0	19	3	22
Installation and maintenance of micro irrigation systems	4	79	3	82	0	0	0	79	3	82
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0

Plant Protection										
Integrated Pest Management	2	22	4	26	0	0	0	22	4	26
Integrated Disease Management	1	29	7	36	0	0	0	29	7	36
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	16	0	16	0	2	2	16	2	18
Organic manures production	0	0	0	0	0	0	0	0	0	0

Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl. specify) Sericulture	1	17	0	17	0	2	2	17	2	19
Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	16	16	0	4	4	0	20	20
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
Others (pl. specify) Role of KVK in agricultural development	1	20	0	20	0	0	0	20	0	20
Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**43**	**595**	**239**	**834**	**25**	**39**	**64**	**620**	**278**	**898**

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	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/Irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	7	158	56	214	4	0	4	162	56	218
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	8	168	66	234	1	24	25	169	91	260
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
b) Fruits										

Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	2	24	0	24	0	0	0	24	0	24
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	1	33	4	37	0	0	0	33	4	37
Processing and value addition	0	0	0	0	0	0	0	0	0	0

Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Soil Health and Fertility Management										
Soil fertility management	2	57	18	75	3	4	7	60	22	82
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	6	34	57	91	0	0	0	34	57	91
Production and use of organic inputs	2	15	17	32	3	4	7	18	21	39
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	4	6	10	0	0	0	4	6	10
Nutrient use efficiency	0	0	0	0	0	0	0	0	0	0
Balanced use of fertilizers	2	5	17	22	1	2	3	6	19	25
Soil and water testing	2	26	7	33	14	2	16	40	9	49
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Livestock Production and Management										
Dairy Management	4	36	27	63	0	0	0	36	27	63
Poultry Management	3	15	7	22	0	1	1	15	8	23
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	4	23	54	77	7	8	15	30	62	92
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Feed and Fodder technology	7	61	18	79	3	10	13	64	28	92
Production of quality animal products	2	20	10	30	0	0	0	20	10	30
Others (pl.specify) Sheep and goat rearing	7	35	60	95	21	17	38	56	77	133

Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	8	48	56	0	3	3	8	51	59
Design and development of low/minimum cost diet	1	7	28	35	0	0	0	7	28	35
Designing and development for high nutrient efficiency diet	2	0	19	19	0	16	16	0	35	35
Minimization of nutrient loss in processing	3	0	49	49	0	0	0	0	49	49
Processing and cooking	3	24	39	63	0	0	0	24	39	63
Gender mainstreaming through SHGs	2	1	28	29	0	7	7	1	35	36
Storage loss minimization techniques	2	0	28	28	0	0	0	0	28	28
Value addition	2	11	11	22	0	21	21	0	43	43
Women empowerment	4	0	60	60	0	18	18	0	78	78
Location specific drudgery production	1	10	16	26	0	7	7	10	23	33
Rural Crafts	1	0	16	16	0	11	11	0	27	27
Women and child care	2	6	17	23	5	48	53	11	61	72
Others (pl.specify) (Marketing techniques)	2	15	27	42	2	16	18	17	43	60
Agrl. Engineering										
Farm machinery and its maintenance	19	240	83	323	16	4	20	256	87	343
Installation and maintenance of micro irrigation systems	5	78	4	82	0	0	0	78	4	82
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others Role of water harvesting structures	2	23	0	23	0	0	0	23	0	23

Plant Protection										
Integrated Pest Management	11	166	52	218	3	10	13	169	62	231
Integrated Disease Management	2	25	11	36	0	0	0	25	11	36
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site										
Seed Production	1	0	1	1	0	12	12	0	13	13
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	1	24	6	30	0	0	0	24	6	30

Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	4	53	15	68	21	0	21	74	15	89
Formation and Management of SHGs	2	0	34	34	0	6	6	0	40	40
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**134**	**1405**	**1016**	**2421**	**104**	**251**	**355**	**1498**	**1275**	**2773**

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	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	20	20	0	5	5	0	25	25
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	2	0	54	54	0	6	6	0	60	60
Rural Crafts	1	0	23	23	0	3	3	0	26	26
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	1	7	2	9	0	0	0	7	2	9
Sheep and goat rearing	2	12	16	28	1	7	8	13	23	36
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify) Importance of soil and water testing	1	0	12	12	0	0	0	0	12	12
TOTAL	**8**	**19**	**127**	**146**	**1**	**21**	**22**	**20**	**148**	**168**

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	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	4	54	7	61	0	0	0	54	7	61
Value addition	1	0	16	16	0	0	0	0	16	16
Small scale processing	1	0	29	29	0	0	0	0	29	29
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	18	18	0	6	6	0	24	24

Rural Crafts	1	0	16	16	0	0	0	0	16	16
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify) Safe drinking water	1	0	12	12	0	7	7	0	19	19
Importance of soil and water testing	1	2	9	11	0	0	0	2	9	11
Group dynamics	8	146	0	146	6	0	6	152	0	152
TOTAL	**18**	**202**	**107**	**309**	**6**	**13**	**19**	**208**	**120**	**328**

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	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0

Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	8	18	26	1	3	4	9	21	30
Household food security	1	0	22	22	0	3	3	0	25	25
Water management practices in crop production	1	9	3	12	0	0	0	9	3	12
Total	**3**	**17**	**43**	**60**	**1**	**6**	**7**	**18**	**49**	**67**

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

Area of training	***No. of Courses***	***No. of Participants***								
		General			***SC/ST***			***Grand Total***		
		Male	***Female***	***Total***	***Male***	***Female***	***Total***	***Male***	***Female***	***Total***
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	1	0	34	34	0	6	6	0	40	40

Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**34**	**34**	**0**	**6**	**6**	**0**	**40**	**40**

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**	0	0	0	0	0	0	0	0	0	0
1.a.	Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
1.b.	Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
2	**Production and value addition**	0	0	0	0	0	0	0	0	0	0
2.a.	Fruit Plants	1	18	1	19	0	0	0	18	1	19
2.b.	Ornamental plants	0	0	0	0	0	0	0	0	0	0
2.c.	Spices crops	0	0	0	0	0	0	0	0	0	0
3.	**Soil health and fertility management**	4	39	17	56	3	4	7	42	21	63
4	**Production of Inputs at site**	1	18	29	47	0	0	0	18	29	47
5	**Methods of protective cultivation**	0	0	0	0	0	0	0	0	0	0
6	**Others (pl.specify)**	0	0	0	0	0	0	0	0	0	0
7	**Post harvest technology and value addition**	0	0	0	0	0	0	0	0	0	0
7.a.	Processing and value addition	5	120	57	177	0	0	0	120	57	177
7.b.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
8	**Farm machinery**	0	0	0	0	0	0	0	0	0	0
8.a.	Farm machinery, tools and implements	11	241	33	274	0	0	0	241	33	274
8.b.	Others Installation - proper maintenance or drip irrigatioan system	2	45	0	45	0	0	0	45	0	45

9.	**Livestock and fisheries**	0	0	0	0	0	0	0	0	0	0
10	**Livestock production and management**	0	0	0	0	0	0	0	0	0	0
10.a.	Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
10.b.	Animal Disease Management	0	0	0	0	0	0	0	0	0	0
10.c	Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
10.d	Fisheries Management	0	0	0	0	0	0	0	0	0	0
10.e.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
11.	**Home Science**	0	0	0	0	0	0	0	0	0	0
11.a.	Household nutritional security	1	0	34	34	0	0	0	0	34	34
11.b.	Economic empowerment of women	1	0	15	15	0	0	0	0	15	15
11.c.	Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
11.d.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
12	**Agricultural Extension**	0	0	0	0	0	0	0	0	0	0
12.a.	Capacity Building and Group Dynamics	3	155	16	171	0	0	0	155	16	171
12.b.	Others (pl.specify) Tailoring	2	0	54	54	0	6	6	0	60	60
	Total	**31**	**636**	**256**	**892**	**3**	**10**	**13**	**639**	**266**	**905**

Details of sponsoring agencies involved

- **ATMA**
- **NABARD**
- **WOMEN TECHNOLOGY PARK (Avinashilingam university)**

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

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**	0	0	0	0	0	0	0	0	0	0
1.a.	Commercial floriculture	0	0	0	0	0	0	0	0	0	0
1.b.	Commercial fruit production	0	0	0	0	0	0	0	0	0	0
1.c.	Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
1.d.	Integrated crop management	0	0	0	0	0	0	0	0	0	0
1.e.	Organic farming	0	0	0	0	0	0	0	0	0	0
1.f.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
2	**Post harvest technology and value addition**	0	0	0	0	0	0	0	0	0	0
2.a.	Value addition	0	0	0	0	0	0	0	0	0	0
2.b.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
3.	**Livestock and fisheries**	0	0	0	0	0	0	0	0	0	0
3.a.	Dairy farming	0	0	0	0	0	0	0	0	0	0
3.b.	Composite fish culture	0	0	0	0	0	0	0	0	0	0
3.c.	Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
3.d.	Piggery	0	0	0	0	0	0	0	0	0	0
3.e.	Poultry farming	0	0	0	0	0	0	0	0	0	0
3.f.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
4.	**Income generation activities**	0	0	0	0	0	0	0	0	0	0
4.a.	Vermi-composting	0	0	0	0	0	0	0	0	0	0
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
4.c.	Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
4.d.	Rural Crafts	0	0	0	0	0	0	0	0	0	0
4.e.	Seed production	0	0	0	0	0	0	0	0	0	0
4.f.	Sericulture	0	0	0	0	0	0	0	0	0	0
4.g.	Mushroom cultivation	0	0	0	0	0	0	0	0	0	0

4.h.	Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
4.i.	Tailoring, stitching, embroidery, dying etc.	2	0	54	54	0	6	6	0	60	60
4.j.	Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
4.k.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
5	**Agricultural Extension**	0	0	0	0	0	0	0	0	0	0
5.a.	Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
5.b.	Others (Installation – laying of drip irrigation, errection of sprinkler and raingun system)	1	23	0	23	0	0	0	23	0	23
	Grand Total	**3**	**23**	**54**	**77**	**0**	**6**	**6**	**23**	**60**	**83**

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	9	178	34	212	58	22	80	18	6	24
Kisan Mela	2	97	78	175	23	5	28	13	3	16
Kisan Ghosthi	0	0	0	0	0	0	0	0	0	0
Exhibition	10	901	1204	2105	103	221	324	133	79	212
Film Show	4	332	134	466	16	5	21	40	16	56
Method Demonstrations	14	233	193	426	13	-	13	16	4	20
Farmers Seminar	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0
Group meetings	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	12	0	0	0	0	0	0	0	0	0
Newspaper coverage	7	0	0	0	0	0	0	0	0	0
Radio talks	3	0	0	0	0	0	0	0	0	0
TV talks	0	0	0	0	0	0	0	0	0	0
Popular articles	6	0	0	0	0	0	0	0	0	0
Extension Literature	20	0	0	0	0	0	0	0	0	0
Advisory Services	75	274	56	330	65	14	79	19	20	39
Scientific visit to farmers field	18	1084	796	1880	7	22	29	9	1	10

Farmers visit to KVK	106	953	469	1422	165	71	236	0	0	0
Diagnostic visits	49	146	86	232	3	15	18	10	0	10
Exposure visits	11	300	212	512	19	25	44	76	17	**93**
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0
Soil health Camp	1	26	4	30	0	0	0	0	0	0
-Animal Health Camp	3	90	9	99	7	6	13	17	3	20
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	1	15	5	20	2	1	3	4	2	6
Farm Science Club Conveners meet	18	414	0	414	16	0	16	2	0	2
Self Help Group Conveners meetings	48	0	670	670	0	59	59	0	4	4
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	0	0	0	0	0	0	0	0	0	0
Any Other (Specify) Technology week celebration	1	198	225	423	75	48	123	108	39	147
JLG meetings	29	18	166	184	22	0	22	0	0	0
Vana mahotchevam	1	72	7	79	9	0	9	6	3	9
Health camp	1	16	19	35	7	9	16	6	0	6
Goat rearing association formed	1	0	5	5	3	10	13	2	0	2
PRA survey	1	24	14	38	3	1	4	4	0	4
Total	**451**	**5371**	**4386**	**9757**	**616**	**534**	**1150**	**483**	**197**	**680**

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)	Cholam	COFS 29	0	0.7	11375.00	96
Oilseeds	Gingly	CO4	0	3.3	8415.00	82
Pulses	Green gram	Vamban-3	0	1.0	9500.00	22
	Cow pea	Co4	0	1.6	8000.00	18
Commercial crops	0	0	0	0	0	0
Vegetables	0	0	0	0	0	0
Flower crops	0	0	0	0	0	0

Spices	0	0	0	0	0	0
Fodder crop seeds	0	0	0	0	0	0
Fiber crops	0	0	0	0	0	0
Forest Species	0	0	0	0	0	0
Others (specify)	0	0	0	0	0	0
Total	**0**	**0**	**0**	**6.6**	**37290.00**	**218**

9. B. Production of planting materials by the KVKs

Crop category	***Name of the crop***	***Variety***	***Hybrid***	***Number***	***Value (Rs.)***	***Number of farmers to whom provided***
Commercial	0	0	0	0	0	0
Vegetable seedlings	0	0	0	0	0	0
Fruits	Bananan suckers	Nanthiran	0	16700	15950.00	68
Ornamental plants	Hybicus	loacl	0	600	1200.00	25
Medicinal and Aromatic	0	0	0	0	0	0
Plantation	Coconut	Tall	0	2369	59225.00	345
Spices	0	0	0	0	0	0
Tuber	0	0	0	0	0	0
Fodder crop saplings	Cumber napier	Co-3	0	20000	5550.0	36
	0	Co-4	0	444250	105950.00	220
Forest Species	0	0	0	0	0	0
Others(specify)	Mulberry cuttings	V1	0	20350	26715.00	75
Total	**0**	**0**	**0**	**504269**	**214590.00**	**769**

9. C. Production of Bio-Products

Bio Products	***Name of the bio-product***	***Quantity***		***Value (Rs.)***	***Number of farmers to whom provided***
		No	***Kg***		
Bio Fertilizers	0	0	0	0	0
Bio-pesticide	Neem soap	0	20	3510.00	16
	Pungamia soap	0	20	3290.00	15
Bio-fungicide	0	0	0	0	0
Bio Agents	0	0	0	0	0

Others (specify)	Vermicompost	0	12000	17712.00	45
	Arka Banana mixture	0	300	30000.00	185
	Arka Vegetable mixture	0	600	60000.00	260
Total	**0**	**0**	**12940**	**114512.00**	**521**

9. D. Production of livestock materials

Particulars of Live stock	*Name of the breed*	*Number*	*Value (Rs.)*	*Number of farmers to whom provided*
Dairy animals	0	0	0	0
Cows	0	0	0	0
Buffaloes	0	0	0	0
Calves	Cross	6	83,700.00	6
Others	0	0	0	0
Poultry	0	0	0	0
Broilers	0	0	0	0
Layers	0	0	0	0
Duals (broiler and layer)	0	0	0	0
Japanese Quail	0	0	0	0
Turkey	0	0	0	0
Emu	0	0	0	0
Ducks	0	0	0	0
Others (Pl. specify)	0	0	0	0
Piggery	0	0	0	0
Piglet	0	0	0	0
Others (Pl. specify)	0	0	0	0
Fisheries	0	0	0	0
Fingerlings	0	0	0	0
Goat	Tellicherry	12	23,440.00	8
Total	**0**	**18**	**1,07,140.00**	**14**

PART X – PUBLICATION, SUCCESS STORY, SWTL

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

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

Date of start : Jan, 2004

Periodicity : Quarterly

No. of copies distributed : 500

(B) Literature developed/published

Item	***Title***	***Authors name***	***Number***
Research papers	0	0	0
	0	0	0
	0	0	0
	0	0	0
Technical reports	0	0	0
News letters	Velan thagaval kalangiam	0	500
Technical bulletins	0	0	100
	0	0	0
Popular articles	Value added productfrom banana	P.Gomathy,R.Banumathy and N.Suganthy	1
	Value added productfromAmla	P.Gomathy,R.Banumathy and N.Suganthy	1
	Value added productfrom tomato	P.Gomathy,R.Banumathy and N.Suganthy	1
	Value added productfrom milk	P.Gomathy,R.Banumathy and N.Suganthy	1
	Preparation of banana flour for better nutrition	P.Gomathy,R.Banumathy and N.Suganthy	1
	Important useses of miltets	P.Gomathy,R.Banumathy and N.Suganthy	1
Extension literature	12		1200
Others (Pl. specify)	0	0	0
TOTAL	**0**	**0**	**1806**

10.B. Details of Electronic Media Produced

S. No.	*Type of media (CD / VCD / DVD/ Audio-Cassette)*	*Title of the programme*	*Number*
1	0	0	0
2	0	0	0

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).

ADOPTION OF FARM MECHANIZATION THROUGH GROUP APPROACH

Background

Farmers of the Karamadai and Annur blocks are being affected with severe labour problem. The performance of the current available labours are so poor, inadequate and also uncertainty. It results in delayed and inefficient farm production activities. The labour cost is high which results less in economic returns. In this juncture they are searching for better technologies to solve their labour problem in their farm production system.

Intervention

We organized off campus training programmes on 'Adoption of farm implements' in crop production. Because

I.

1. It solves the labour problem.
2. It ensures better option instead of uncertainty of labour resource.
3. It ensures effective field operation.
4. It also minimize the operational cost.
5. It ensures the timely operation.
6. It results better economic returns.

II.

1. Brought farmers to Agri. Intex and Agri.Expo, coimbatore

III.

1. Arranged exposure visit to farm machinery – TNAU, Coimbatore.

Process :

During our diagnostic visits we found that the labour problem is one of the main constraints in their crop production activity. We discuss their labour problem seriously and recommended them to adopt suitable farm machineries for solving their labour problems, instead of unavailable human resources in crop production.

Some equipments are costlier so that we motivated them to adopt 'group approach' to solve their labour problems. We help them to form the farmers club with the help of NHABARD and some Nationalised Banks, with this group approach they bought mini tractors, power weeder, battery operated

sprayers – high tech sprayers, earth hole digger under 50% subsidy in NADP. They adopts the mentioned farm equipments in their crop production system in effective manner. The State Department of Agricultural Engineering, Coimbatore and some Nationalized Banks rendered their help for getting of the equipments under subsidy schemes. They got a tractor from the state department of agricultural engineering and utilized for their field preparation activities nearly 200 working hours with lower rental basis and saves 50% of the operational cost.

Impact :

The Farmers Club members who have adopted the farm machineries are feel comfortably because of its high performance and also solve their labour problems in considerable rate.

Horizontal spread :

The village farmers especially those who are member in the farmers club are emphasized with our group approach motivation and come forward and have taken necessary efforts through their farmers club on collective approach.

Economic gain :

When we compared to conventional labour oriented farm activity the adoption of farm mechanization system help them to save more than 50% of the labour cost in their field activity and also ensures the timely operation which results better economic returns.

The adoption of farm mechanization system also provides self-employment opportunity in the rural youth population.

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

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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	Sesamum	Storing the sesamum seeds with ragi husk in yellow cloth bags	To prevent storage pests

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

- **Identification of courses for farmers/farm women**

- ❖ PRA and Survey
- ❖ Farm and home visits

- Rural Youth

- ❖ PRA and Survey
- ❖ Key informant interviews

- In service personnel

- ❖ Proceedings of Monthly zonal workshop
- ❖ Proceedings of Scientific workers conference
- ❖ Discussion with ADA and ADO concerned block / taluk

10. G. Field activities

i.	Number of villages adopted	:	11
ii.	No. of farm families selected	:	150
iii.	No. of survey/PRA conducted	:	5

10. H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Good

1. Year of establishment : 2006
2. List of equipments purchased with amount :

Sl. No.	***Nature of Equipments***	***Qty***	***Cost (Rs)***
1	Ph Meter	1	9,818.00
2	Conductivity Bridge	1	7332.00
3	Physical Balance	2	9,797.00
4	Electronic Balance	2	86,120.00
5	Hot Plates	2	8,117.20
6	Shakers rotary	2	43,430.00
7	Nitrogen Analyzer	1	2,03,355.00
8	Spectra photo meter	1	59,905.00
9	Flame Photo meter	1	84,963.00
10	Willey mill	1	25,515.20
11	Hot air oven	1	15,015.00

12	Water Distillation unit	1	83,324.00
13	Refrigerator	1	18,500.00
	TOTAL	**17**	**64017.20**

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	1008	1008	138	63450.00
Water Samples	395	395	123	27,700.00
Plant samples	12	3	2	0.0
Manure samples	3	1	1	0.0
Others (specify)	-	-	-	-
Total	**1418**	**1407**	**264**	**91,150.00**

Details of samples analyzed during 2010-11 :

Details	**No. of Samples analyzed**	**No. of Farmers benefited**	**No. of Villages**	**Amount realized (Rs)**
Soil Samples	112	112	20	1950
Water Samples	21	21	5	350
Plant samples	0	0	0	0
Total	**133**	**133**	**25**	**2300**

10. I. Technology Week celebration

Period of observing Technology Week: From 23.03.2011 to 25.03.2011
Total number of farmers visited : 546
Total number of agencies involved : 10
Number of demonstrations visited by the farmers within KVK campus : 16

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized	9	423	
Exhibition	1	546	Agriculture, Horticulture, Soilscience, Animal Science, Agri Engineering, Home Science and Extension
Film show	1	216	E extension
Fair	0	0	
Farm Visit	3	417	
Diagnostic Practicals	0	0	
Supply of Literature (No.)	3	546	
Supply of Seed (q)	0	0	
Supply of Planting materials (No.)	0	0	
Bio Product supply (Kg)	0	0	
Bio Fertilizers (q)	0	0	
Supply of fingerlings	0	0	
Supply of Livestock specimen (No.)	0	0	
Total number of farmers visited the technology week		546	

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

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	0	0
Pulses	0	0
Cereals	0	0
Vegetable crops	0	0
Tuber crops	0	0
Total	0	0

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No.of participants
Tamil nadu	**Dairy**	**2**	**96**
Total		**2**	**96**

D. Animal health camps organized

State	Number of camps	No.of animals	No.of farmers
Tamil nadu	**2**	**1280**	**250**
Total	**2**	**1280**	**250**

E. Seed distribution in drought hit states

State	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
0	**0**	**0**	**0**	**0**
Total				

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Tamil nadu	**Mixed fodder**	**26**	**310**
Total		**26**	**310**

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
TN	**0**	**0**	**0**	**0**	**9**	**292**	**1**	**198**	**10**	**2429**	**4**	**506**
Total	**0**	**0**	**0**	**0**								

PART XI. IMPACT

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

S.No	*Name of specific technology/skill transferred*	*No. of participants*	*% of adoption*	*Change in income (Rs.)*	
				Before (Rs./Unit)	*After (Rs./Unit)*
	Agronomy				
1	Vermi compost preparation and its uses	45	32	Nil	Nil
2	IPM in Cotton	103	81	20000.00	25300.00
3	Improved cultivation practices for rainfed pulses	97	78	16000.00	19500.00
4	Gypsum application in groundnut cultivation	181	72	14500.00	18250.00
5	Improved production techniques for Maize	98	70	45000.00	48500.00
	Horticulture				
1	Improved cultivation practices for tomato	64	58	22500.00	27000.00
2	Improved cultivation practices for Turmeric	42	71	65000.00	87000.00
3	Improved cultivation practices for Banana	156	80	65000.00	85000.00
4	Importance of plant growth regulators in vegetable cultivation	67	45	25000.00	35000.00
	Animal Science				
1	Importance of periodical vaccination for controlling various infectious diseases	162	58	Unvaccinated animals exposed to various diseases causing heavy economic loss to the farmers	The trained farmers are periodically vaccinating their animals which leads to reduce disease incidence and economic loss.
2	Clean milk production	155	61	The farmers were not aware of clean milk production because of lack of knowledge in sanitary and hygienic practices of dairy animal management	After the training the farmers were able to produce clean milk through maintaining the sheds and animals in clean condition. They were able to

					disinfectant both the shed and udder. They also cleaned hands before milking.
3	Sheep and goat rearing techniques	132	68	Not aware of scientific sheep and goat rearing practices like periodical de worming, vaccination and importance of concentrate feeding.	Due to periodical deworming and vaccination the fertility rate and weight of the animal is increased.
4	Importance of Azolla	148	12	Unaware of Azolla consumption	By Azolla consumption – consumption of concentrate feed is reduced and their milk yield is increased. Azolla can be produced in a small area, and its production cost is very low.
5	Importance of mineral mixture	162	54	Unaware of mineral mixture	After using mineral mixture the fertility rate of the animal is increased. The increased milk yield and SNF % is noticed.
6	Importance of green fodder	112	68	Scarcity and unaware of green fodder	By introducing Co FS-29 , Co-3 and Co-4 effectively increased green fodder and simultaneously increased the milk yield
	Home Science				
1	Preparation of low cost supplementary mix with local cereals, pulses and oilseeds	201	36	-Malnutrition was high - low intake of pulses -Lack of knowledge about nutritious mix	-Acceptance was good - SHG women were easily adopted this technology. It is very simple and easy to follow
2	Value addition in curry leaf	87	36	-During season time production rate is high. But market value is very low. -Lack of knowledge about processing and value addition	-Four SHG women were involved in curry leaf processing and getting additional income of Rs.50/ kg.
3	Importance of sprouted gram in diet.	128	43	-Lack of knowledge about sprouting - Nutritional deficiency was high	-Sprouting can be easily done at home level. -It overcome the iron and B complex deficiency.
4	Value addition in fruits and vegetables.	240	58	-During season time production is high. But market value is very low -Lack of knowledge about preservation - Post harvest loss	-Due to preservation techniques spoilage could be effectively controlled -It can be used for off season
5.	Importance of safe drinking water	102	90	- Lack of knowledge about health and hygiene - Communicable disease was noticed	- Concept of health awareness was improved

6.	Storage techniques	110	44	- Lack of knowledge about safety storage - Post harvest loss	- It is very simple and easy to follow - Low cost and less weight
7	Food Adulteration	96	33	- Lack of knowledge about food adulteration	- Food adulteration knowledge was improved
8	Value addition in groundnut	76	25	Lack of knowledge in value addition in groundnut	Groundnut recipes can be easily prepared at home level.
	Agri. Engineering				
1	Improved implements in Rainfed Groundnut production	158	64	-Conventional method of sowing behind the country plough costs Rs.700/acre. Labour and animal power cause late sowing	- Tractor Drawn seed drill ensures speedy operation and also saves sowing cost @Rs350/acre -Maintains uniform Plant population -Timely sowing results in better seed germination and yield
2	Installation and maintenance of micro irrigation system	82	72	Conventional methods require more water / labour for irrigation Labour requirement is more for weeding operation	Minimum water requirement and covers more cultivable area under drip irrigation Minimum need of labour for irrigation Ensures uniform of water supply Less weeds more yield
3	Utilization of 8 row drum seeder for sowing of pre germinated paddy seeds	78	46	-In conventional transplanting method - nursery preparation is needed (@ Rs.1,500/-ha) -Transplanting cost Rs.3,200/ha -Seed rate is high @ 75 kg/ha	-No need of nursery preparation saves Rs.1500/ha -Direct sowing saves Rs 2800/ha - Seed rate is only @ 25 kg/ha. -Yield increased up to 9.6% - User friendly equipment
4	Improved safety harvesting methods for Bhendi	71	53	-Non availability of human resource due to severe painful process -Picking operation is painful -Unsafe to their fingers results blood injuries	-Ensure drudgery reduction and safety harvesting - It is simple, low cost and user friendly one - No pain while plucking
5	Introduction of drudgery reduction equipments in Groundnut decorticating process	93	82	Non availability of human resource results in -Late sowing - Inefficient utilization of natural resources (soil / water) - Poor germination -More labour cost.	-High performance @ 40 kg/hour/unit and ensures the timely sowing - Effective utilization of soil water resources -Ensures better germination
6	Utilization chisel plough for dryland agriculture	114	52	- Low moisture retention capacity due to hard pan of the soil - High run off - Inefficient utilization of	- Deep tillage results in rainwater retention capacity - Increase the yield

				natural resources (soil and water)	
	Soil Science				
1.	INM in greengram	82	52	Unaware of soil testing Farm wastes are not well utilized	Fertilizer cost was reduced. All kinds of crop wastes were recycled by different composting techniques and well utilized. Farmers got more yield compared to their regular practice.
2.	INM in groundnut	94	68	Unaware of soil testing Farm wastes are not well utilized	Fertilizer cost was reduced. All kinds of crop wastes were recycled by different composting techniques and well utilized. Farmers got more yield compared to their regular practice.

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

11. B. Cases of large scale adoption

Large scale adoption:

Adoption of cultivation of mixed Fodder

Milk production is a major activity in Coimbatore District. The following constraints were identified through group discussions, field diagnostic visits and training programmes.

1. Lack of knowledge about importance of green fodder
2. Non availability of green fodder which leads to infertility and poor milk yield
3. Inadequate source of fodder crops

To overcome these problems KVK popularized the cultivation of mixed fodder through FLD in the year 2010-11. After cultivating the mixed fodder the farmers expressed that the milk yield and quality was good. KVK also gave training on Importance of mixed fodder to the farmers and extension workers. The model consisting of mixed fodders was exhibited at Agri.Intex, CODDISSIA in Coimbatore and other exhibitions Large number of farmers visited the stall organized by our KVK at all of these places. The cultivation practice of this fodder can be easily adopted. Most of the farmers expressed their interest to follow this technology.

Nearly 412 farmers contacted KVK and purchased Co.4 setts and they have cultivated the crop in 120 acres of land covering various villages of Coimbatore District. Because of demand for Co.4 setts, 12 farmers of Karamadai block started producing the setts and marketed them through KVK and could get an additional income of Rs. 125/1000 setts.

As a result of our KVK activities this technology has been horizontally spread over to nearly 656 farmers At present 248 farmers are cultivating the mixed fodder in their field and feed their animals regularly.

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

PART XII - LINKAGES

12.A. Functional linkage with different organizations

S. No	*Name of organization*	*Nature of linkage*
1.	Tamil Nadu Agricultural University, Coimbatore	Technical Resource / guidance
2.	Tamil Nadu Veterinary University, Training and Research Center,	Technical Resource and joint implementation of OFT/ Demonstration
3.	Avinashilingam University, Coimbatore.	Technical Resource / guidance
4.	State Department of Agriculture	Technical inputs / seasonal technical guidance for implementing OFTs, FLDs & Demonstration, trainings and Joint diagnostic survey.
5.	State Department of Horticulture	Technical inputs / seasonal technical guidance for implementing OFTs, FLDs & Demonstration and Joint diagnostic survey.
6.	State Department of Animal Husbandry	Technical recourses/ Technical guidance , Joint implementation of Animal health camps & meetings
7.	State Department of Agricultural Engineering	Joint Implementation of trainings and demonstrations.
8.	State Department of Sericulture	Technical resources and sponsored trianings
9.	District Rural Development Agency, Collectorate, Coimbatore.	Financial support for skill trainings of SHGs
10.	Central Institute for Cotton Research (CICR), Coimbatore.	Technical Resource / technical guidance participation in meeting
11.	Central Institute of Agricultural Engineering (CIAE) ICAR, Regional Centre, Coimbatore.	Technical Resource / technical guidance participation in meeting
12.	AMRC, TNAU, Coimbatore.	Technical Resource / technical guidance participation in meeting
13.	Women Techno Park, Avinashilingam University for Women, Coimbatore.	Technical Resource and Sponsored training
14.	Cotton Corporation of India, Coimbatore	Joint Implementation of Cotton contract farming
15	The Thudiyalur Co-operative Agricultural	Supply of critical inputs

	Society (TUCAS), Thudiyalur,	
16.	Coimbatore Co-operative Milk Federation (Aavin), Coimbatore.	Formation of Co-operative societies to SHGs
17.	Jain Irrigation Systems, Coimbatore	Micro Irrigation system
18.	All Block Development Offices of Coimbatore Dt.	Development Programmes and SHG activities.
19.	Indian Overseas Bank	SHG/JLG/ Farmers club Financial Assistance
20.	State Bank of India	SHG/JLG/ Farmers club Financial Assistance
21.	Union Bank of India	SHG/JLG/ Farmers club Financial Assistance
22.	Indian Bank	SHG/JLG/ Farmers club Financial Assistance
23.	Primary Health Centers of Coimbatore Dt.	Health Programmes
24.	ICDS, Coimbatore	Trainings
25.	District Social Welfare Office, Coimbatore	Women and Child Development Programmes
26.	Tamil Nadu Mahalir Thittam, Tamil Nadu Women development corporation.	Women Development Programmes for SHGs
27.	State Statistical Department Office, Coimbatore.	Statistical Data Collection
28.	Good Shephard NGO, Seva Bharathi NGO, Karamadai	Trainings
29.	Pest Control of India (Ltd)	Supply of Bio-Control Agents
30.	NABARD Regional Office AGM, Coimbatore	Agriculture and rural credit assistance, loan for setting up of Agri clinics.
31.	Institute of Forest Genetics and Tree Breeding, Coimbatore	Technical Resource / guidance

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.)***
0	0	0	0
0	0	0	0
0	0	0	0

12. C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

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

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**	0	0	0	0
02	**Research projects**	0	0	0	0
		0	0	0	0
03	**Training programmes**	0	25	0	0
		0	0	0	0
04	**Demonstrations**		20		
		0	0	0	0
05	**Extension Programmes**				
	Kisan Mela	0	0	0	0
	Technology Week	0	0	0	0
	Exposure visit	0	0	2	0
	Exhibition	0	0	6	0
	Soil health camps	0	0	1	0
	Animal Health Campaigns	0	0	2	0
	Others (Pl. specify)	0	0	0	0
06	**Publications**				
	Video Films	0	0	0	0
	Books	0	0	0	0
	Extension Literature	0	0	0	0
	Pamphlets	0	0	0	0
	Others (Pl. specify)	0	0	0	0
07	**Other Activities** (Pl. specify)	0	0	0	0
	Watershed approach	0	0	0	0
	Integrated Farm Development	0	0	0	0
	Agri-preneurs development	Formation of goat rearing association	0	1	0

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

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Constraints if any
0	0	0	0	0	0

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

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
0	0	0	0	0	0

12. F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
0	0	0	0	0	0

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	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
January 2011	0	0	0
February	0	0	0
March	0	0	0

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	*Demo Unit*	*Year of estt.*	*Area*	*Details of production*			*Amount (Rs.)*		*Remarks*
				Variety	*Produce*	*Qty.*	*Cost of inputs*	*Gross income*	
ICAR fund									
1	Nursery	2004-05	$92m^2$	Tall	Seedlings	5000 Nos.	18060.00	59225.00	2631 No.0f Seedlings in stock.

				Ornamental	Seedlings	2000 Nos.	1520.00	860.00	600 No.of Seedlings in stock. 500 seedlings were planted in our campus
2	Mulberry	2009-10	1000 m^2	V1	Seedlings	30000 Nos.	8530.00	26715.00	6000 No.of Seedlings in stock.
3	Calf rearing unit	2004-05	73.6m^2	Cross breed	Calf	13 Nos.	83954.00	83700.00	13 No.of animals in stock.
Revolving fund									
1	Vermi-compost	August, 2004	750 sq.ft	Eudrillus sp. Periony sp.	Compost	120 q.	8780.00	17712.00	20 q used in our farm 43 q in stock
2	Fodder crop	January, 2006	0.45	Co.3	Setts	40000 Nos.	14020.00	5550.00	20000 Nos. of setts stock.
					Fodder	500 q	(to used for our dairy farm)	-	-
		June, 2008	0.3	COFS 29	Seed	0.7q	10090.00	11375.00	10 q in stock
					Fodder	30 q	(to used for our dairy farm)	-	-
		February, 2008	0. 04	Co.4	Setts	500000 Nos.of setts	21740.00	105950.00	70000 Nos. of setts in stock.
					Fodder	150 q	(to used for our dairy farm)	-	-
			0.004	Guinea Grass	setts	2000 setts	1340.00	700.00	10000 Nos. of setts stock.
					Fodder	60q	(To used our dairy farm)	-	-
3	Medicinal plant plot	March, 2009	0.2	45 varieties of plant	Demo	-	1900.00	-	-
4	Cocoon	April, 2009	1.0	White	Cocoon	67 q	26300.00	115147.00	-
5	Mulberry	June, 2010	0.4	V 1	Seedlings	30000 nos	8530.00	26715.00	6000 Nos. in stock.
6	Turmeric	June, 2010	0.6	Alleppey, Prabha, Kedharam, Prathiba, BSR 1	Demo	14 q	14030.00	56000.00	14q in stock

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									
Cholam	June 2008	-	0.3	COFS29	Seed	0.7 q	10090.00	11375.00	10 q in stock
					Fodder	30 q	to used for our dairy farm)	-	-
Pulses									
Greengram	16.10.2010	10.2.2011	0.4	Vampan - 3	Seeds	2 q	9400.00	10600.00	1 q in stock
Cowpea	16.10.2010	5.2.2011	1.0	Co151	Seed	1.6 q	2300.00	8000.00	-
Oilseeds									
Coconut	15.09.02	Perennial	0.8	Tall	Planted trees 110 Nos.	16000 Nos.	10450.00	51895.00	**-**
	08.07.02	Perennial	0.7	T X D	Planted trees - 90 Nos.				
Coconut seedlings	-	Nursery planting	0.2	Tall	Seedlings	5000 Nos.	18060.00	59225.00	2631 Nos. in stock
Gingly	10.3.2010	15.7.2010	1.0	Co2	Seed	3.3 q	4320.00	8415.00	-
Fibers									
Mulberry	03.04.09	-	1.0	V 1	Fibers	67 q	26300.00	175147.0	1q in stock
Spices & Plantation crops									
Banana	**10.2.2009**	**April 2010**	**Banana Planted area**	**Nanthiran**	**Suckers**	**16700 Nos.**	**-**	**15950.00**	**15000 No. stock**
Fodder crops	15.01.06	Perennial	0.2	Co.3	Setts	40,000 No. of setts	14020.00	5550.00	20000 Nos. in stock
					Fodder	500 q	(To used for our dairy)	-	100 q in stock
	10.02.06	Perennial	0.3	Co.4	Setts & Fodder	500000 No.of setts	21740.00	105950.00	70000 Nos. in stock
	10.02.06	Perennial	0.04	Guinea	Setts	2,000 No.of	-	1,000.00	10,000 Nos in

				grass **Co.2**		setts			stock
					Fodder	60 q	(To used for our dairy)	-	-
Medicinal plants	10.03.09	Perennial	0.2	45 variety of plant	-	-	-	-	-
Turmeric	4.6.2010	15.2.2011	0.6	Alleppey, Prabha, Kedharam, Prathiba, BSR 1	Rhizome	14 q	1430.00	56000.00	14 q in stock
Mulberry	10.06.2010	Perennial	0.4	V 1	Seedlings	30000 No.of rooted cuttings	8530.00	26715.00	6000 Nos. in stock
Fruits									
Banana	10.2.2009	April 2010	0.4	Nanthiran	Fruit	65.25 q	1760.00	76178.00	-
Vegetables	-	-	-	-	-	-	-	-	-
Ornamental	12.8.2010	Perennial	0.3	Aii variety of fruits	Seedlings	-	-	-	-
Others									
Tamarind	02.07.08	Perennial	3.1	PKM 1	Fruit	4 q	3600	1200	25 % of the trees are in bearing stage
Amla	10.07.08	Perennial	1.0	BSR 1, NA 7	Fruit	8 q	4260.00	3912	-
Vermi compost	24.08.08	Perennial	750 sq.m	Eudrillus sp. Periony sp.	compost	120 q	8780.00	17712.00	43 q in stock. 20 q used our farm.

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

Sl. No.	***Name of the Product***	***Qty***	***Amount (Rs.)***		***Remarks***
			Cost of inputs	***Gross income***	
1	Vermicompost	120 q	8780.00	17712.00	43 q in stock. 20 q used our farm.
2	Arka Bananan mixture	3 q	18080.00	19140.00	0.64 qin stock
3	Arka Vegetable mixture	6 q	20340.00	38060.00	0.40 q in stock
4	Neem soap	0.20 q	8660.00*	3510.00	0.06 q in stock

5	Pungamia soap	0.20q	9230.00*	3290.00	0.06 q in stock

*** cost includes fixed assests(Machinaries)**

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	Calf	Cross	Heifer	11	83954.00	83,700.00	11 nos in stock
2	Goat	Tellicherry	Breeding	79	36,520.00	24,440.00	67 nos in stock

13.E. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	**No. of trainees stayed**	**Trainee days (days stayed)**	**Reason for short fall (if any)**
April 2010	218	3	Due to agriculture power failure/Shut down, and labour scarcity farmers are not willing to stay at our KVK Farmers hostel
May 2010	-	-	
June 2010	23	1	
July 2010	-	-	
August 2010	-	-	
September 2010	-	-	
October 2010	-	-	
Noember, 2010	-	-	
December, 2010	13	1	
January, 2011	16	1	
February, 2011	-	-	
March, 2011	64	2	

13.F. Database management

S. No	*Database target*	*Database created*
1	Nine fold classification of land	Created
2	Number and size of operational holdings	Created
3	Weather parameters of the district. (for a minimum period of ten years)	Created
4	Details of soil profile	Created
5	Detailed cropping pattern (for a minimum period of ten years)	Created
6	Area, production and productivity of major crops	Created
7	Details on infrastructural facilities available for production, post harvest and marketing	Created
8	Details of institutional credit facilities	Created
9	Any others relevant to district	Created
	Database since inception of the KVK	
10	Frontline Demonstrations Database	Created
11	Training Database	Created
12	Database of Extension Programmes	Created
13	Seeds and Planting Material Database	Created

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

Amount sanction (Rs.)	*Expenditure (Rs.)*	*Details of infrastructure created / micro irrigation system etc.*	*Activities conducted*					*Quantity of water harvested in '000 litres*	*Area irrigated / utilization pattern*
			No. of Training programmes	*No. of Demonstration s*	*No. of plant materials produced*	*Visit by farmers (No.)*	*Visit by officials (No.)*		
0	0	0	0	0	0	0	0	0	0

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	*Name of the bank*	*Location*	*Branch code*	*Account Name*	*Account Number*	*MICR Number*	*IFSC Number*
With Host Institute		-	-	-	-	-	-
With KVK	Indian Overseas Bank	Vivekanandapuram Branch, Kanuvaipalayam Pirivu, Seeliyur Via, Karamadai Block, Coimbatore District 641 113	727	Sri Avinashilingam Krishi Vigyan Kendra **Grant Account**	217	-	IOBA 0000727
With KVK	Indian Overseas Bank	Vivekanandapuram Branch, Kanuvaipalayam Pirivu, Seeliyur Via, Karamadai Block, Coimbatore District 641 113	727	Sri Avinashilingam Krishi Vigyan Kendra **Front Line Demonstration on Oilseeds Account**	2979	-	IOBA 0000727
With KVK	Indian Overseas Bank	Vivekanandapuram Branch, Kanuvaipalayam Pirivu, Seeliyur Via, Karamadai Block, Coimbatore District 641 113	727	Sri Avinashilingam Krishi Vigyan Kendra **Front Line Demonstration on Pulses Account**	3240	-	IOBA 0000727
With KVK	Indian Overseas Bank	Vivekanandapuram Branch, Kanuvaipalayam Pirivu, Seeliyur Via, Karamadai Block, Coimbatore District 641 113	727	Sri Avinashilingam Krishi Vigyan Kendra **Front Line Demonstration on Cotton Account**	5742	-	IOBA 0000727
With KVK	Indian Overseas Bank	Vivekanandapuram Branch, Kanuvaipalayam Pirivu, Seeliyur Via, Karamadai Block, Coimbatore District 641 113	727	Sri Avinashilingam Krishi Vigyan Kendra **Revolving Fund Account**	3429	-	IOBA 0000727
With KVK	Indian Bank	Avinashilingam Deemed University Campus Branch, Mettupalayam Road, Coimbatore 641 043	IDIB 000A005	Sri Avinashilingam Krishi Vigyan Kendra **Grant Account**	641019012	709480572	-

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

S. No	Items / Head	Opening balance if any	Remittance by ZPD VIII Bangalore	Actual expenditure dubitable to Council A/C	Closing balance if any	Remarks
1	**Production Technology – 25 ha**					
	a. Essential inputs	2,772.00	0	35,000.00	(-)32,228.00	
	b. POL, hiring vehicle, Kisan melas, printed materials, reports, demonstration boards	231.00	0	14,900.00	(-)14,669.00	
	Total	3,003.00	0	49,900.00	(-)46,897.00	
2.	**Farm Implements – ha**					
	a. New equipments	0	0	0	0	
	b. Contingencies	252.00	0	0	252.00	
	Total	3,255.00	0	49,900.00	(-)46,645.00	

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

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	38,00,000	38,00,000	36,18,058
	Pay & Allowances (6th CPC Arrears 1.1.2006 to 31.3.2011)	46,67,052	46,67,052	46,67,052
2	**Traveling allowances**	1,00,000	1,00,000	99,950
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2,50,000	2,50,000	2,49,500
B	POL, repair of vehicles, tractor and equipments	1,70,000	1,70,000	1,69,850
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	75,000	75,000	75,000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	35,000	35,000	35,000
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1,75,000	1,75,000	1,74,288
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	80,000	80,000	72,000
G	Training of extension functionaries	25,000	25,000	25,000
H	Maintenance of buildings	30,000	30,000	30,000
I	Extension Activities	30,000	30,000	30,000
J	Farmers' Field School	25,000	25,000	25,000
K	Establishment of Soil, Plant & Water Testing Laboratory	0	0	0
L	Library	5,000	5,000	5,000
TOTAL (A)		**94,67,052**	**94,67,052**	**92,75,698**
B. Non-Recurring Contingencies				
1	**Equipments & Furniture**			
a	**Furniture & Furnishings**	4,00,000	4,00,000	3,99,962
b	**Tractor with implements**	5,00,000	5,00,000	5,00,000

c	**EPABX System**	50,000	50,000	50,000
d	**Power Tiller**	1,50,000	1,50,000	1,50,000
E	**Generator**	1,00,000	1,00,000	99,750
1	**Works**	0	0	0
2	**Equipments including SWTL & Furniture**	0	0	0
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0	0	0
4	**Library** (Purchase of assets like books & journals)	10,000	10,000	9,975
TOTAL (B)		12,10,000	12,10,000	12,09,687
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		**1,06,77,052**	**1,06,77,052**	**1,04,85,385**

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	9,46,110.39	13,93,256.00	13,62,115.00	9,77,251.39
April 2009 to March 2010	9,77,251.39	21,37,407.00	20,31,501.00	10,83,157.39
April 2010 to March 2011	10,83,157.39	7,44,520.00	9,69,245.00	8,58,432.39

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
Smt. N.Suganthi	Programme Coordinator i/c	Preparation of banana and vegetable mixture	IIHR, Bangalore	12.05.2010
Ms.P.Gomathy	SMS (Home Science)	Preparation of banana and vegetable mixture	IIHR, Bangalore	12.05.2010
Smt. N.Suganthi	Programme Coordinator i/c	Preparation of Neam and Pungamia soap	IIHR, Bangalore	22.05.2010
Ms.P.Gomathy	SMS (Home Science)	Preparation of Neam and Pungamia soap	IIHR, Bangalore	22.05.2010
Smt. N.Suganthi	Programme Coordinator i/c	Application of remote sensing and GIS	MANAGE, Hyderabad	19.07.10 to 23.07.10
Mr.S. Sureshkumar	SMS (Agronomy)	Advanced production technologies of fodder crops	IGLFRI, Jhansi	27.09.10 to 01.010.10
Mr.M.Sagadevan	SMS (Horticulture)	Agricultural Knowledge Management	TNAU, Coimbatore	25.10.10 to 29.10.10
Mr.D.Ravindran	Programme Assistant (Computer)	Agricultural Knowledge Management	TNAU, Coimbatore	25.10.10 to 29.10.10

Mr. C.Raju	Programme Assistant (Animal Science)	Backyard poultry	KVK Namakkal	24.11.10 to 26.11.10
Mr.S. Sureshkumar	SMS (Agronomy)	Integrated Farming System for Sustainable Agriculture production	KVK, Kattupakkam	10.11.10 to 12.11.10
Mr. M. Sagadevan	SMS (Horticulture)	Strengthening gender perspective in Agricultural Research and Extension	TANUVAS, Chennai	24.01.11 to 25.01.11
Mr. M. Sagadevan	SMS (Horticulture)	Marking of fruits and vegetables	TNAU, Coimbatore	15.02.11
Mrs.N.Suganthi,	Programme Coordinator i/c	Advances in Soil health and fertility management	TNAU, Coimbatore	21.03.11 to 23.03.11
Mr.M.Sagadevam	SMS (Horticulture)	Curry leaf production technology	TNAU, Coimbatore	02.03.11
Mr.M.Sagadevam	SMS (Horticulture)	Protected cultivation of horticulture crops	TNAU, Coimbatore	28.03.11 to 29.03.11
Ms.P.Gomathy	SMS (Home Science)	Recent trends in postharvest technology	IICPT Thanjavur	23.03.11 to 25.03.11
Mr.D. Ravindran	Programme Assistant (Computer)	Web designing and Data Base Management System	TNAU, Coimbatore	29.03.11 to 31.03.11

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

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	0	0	0
	0	0	0
Varietal Evaluation	0	0	0
	0	0	0
Integrated Pest Management	0	0	0
	0	0	0
Integrated Crop Management	0	0	0
	0	0	0
Integrated Disease Management	0	0	0
	0	0	0
Small Scale Income Generation Enterprises	0	0	0
	0	0	0
Weed Management	0	0	0
	0	0	0
Resource Conservation Technology	0	0	0
	0	0	0
Farm Machineries	1	Performance and sutiability of various weeders in paddy cultivation	5
	0	0	0
Integrated Farming System	0	0	0
	0	0	0
Seed / Plant production	0	0	0
	0	0	0
Value addition	0	0	0
	0	0	0
Drudgery Reduction	0	0	0
	0	0	0
Storage Technique	0	0	0
	0	0	0
Others (Pl. specify)	0	0	0
	0	0	0
Total			**5**

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Disease Management	Poultry	Assessment of oral pellet vaccination in desi chicken	500
Evaluation of Breeds	Goat	Introduction of Boer goat among local farming community	150
Feed and Fodder management			
Nutrition Management	Dairy	Synchronization of estrus in dairy cows	30
Production and Management			
Others (Pl. specify)			
Total			**680**

Summary of technologies assessed under various enterprises

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Summary of technologies assessed under home science

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
	0	0	0
	0	0	0
	0	0	0
	0	0	0

	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops

Thematic areas	Crop	Name of the technology refined	No. of trials
Integrated Nutrient Management	0	0	0
	0	0	0
Varietal Evaluation	0	0	0
	0	0	0
Integrated Pest Management	0	0	0
	0	0	0
Integrated Crop Management	0	0	0
	0	0	0
Integrated Disease Management	0	0	0
	0	0	0
Small Scale Income Generation Enterprises	0	0	0
	0	0	0
Weed Management	0	0	0
	0	0	0
Resource Conservation Technology	0	0	0
	0	0	0
Farm Machineries	0	0	0
	0	0	0
Integrated Farming System	0	0	0
	0	0	0
Seed / Plant production	0	0	0
	0	0	0
Value addition	0	0	0
	0	0	0

Drudgery Reduction	0	0	0
	0	0	0
Storage Technique	0	0	0
	0	0	0
Others (Pl. specify)	0	0	0
	0	0	0
Total			0

Summary of technologies assessed under refinement of various livestock

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials
Disease Management	0	0	0
Evaluation of Breeds	0	0	0
Feed and Fodder management	0	0	0
Nutrition Management	0	0	0
Production and Management	0	0	0
Others (Pl. specify)	0	0	0
Total			

Summary of technologies refined under various enterprises

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Summary of technologies refined under home science

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

	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0

III. FRONTLINE DEMONSTRATION

Cotton

Frontline demonstration on cotton

Crop	Thematic Area	Name of the technology demonstrated	No. of KVKs	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
cotton	ICM	Integrated crop management system along with full package	1	25	10	18.8	14.3	31.4	39914	90240	50326	2.26:1	46354	68640	22286	1.48:1
Total																

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demon	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals																		

Maize	Nutrient Management	ICM	1	10	3	72.5	62.5	16			28392	87000	58608	3.06:1	30150	75000	44850	2.48:1
Millets																		
Oilseeds																		
Ground nut	Integrated crop management	ICM in rainfed Ground nut	1	15	6	21.2	17.4	20.6	16.8	22.6	25310	55620	30310	2.2:1	23450	45360	21910	1.9:1
Pulses																		
Green gram	Integrated crop management	Improvedpackage of practices for rainfed green gram	1	10	5	10.8	8.1	41.3			21440	63600	44160	2.96:1	20873	48600	27727	2.32:1
Bengal gram	Integrated crop management	Improved cultivation practices for rainfed Bengal gram	1	12	4	11.2	9.2	21.7			20345	42560	22215	2.09:1	18680	34960	16280	1.87:1
Vegetables																		
Tomato	Integrated crop management	ICM	**1**	**15**	5	589.7	500	17.9			63000	176910	113910	2.80:1	68000	150000	82000	2.20:1
Bhendi	Nutrient Management	ICM	**1**	**10**	4	128.8	102	26.2			57000	115920	58920	2.03:1	61000	91800	30800	1.50:1
Chillies	Integrated crop management	ICM	**1**	**10**	4	14.3	10.6	34.9			41000	85800	44800	2.09:1	46000	63600	17600	1.38:1
Flowers																		
Ornamental																		
Fruit																		

Spices and condiments																		
Commercial																		
Medicinal and aromatic																		
Fodder																		
	Feed and fodder management	Popularization of mixed fodder	**1**		15	6.5	5.4	20			51.00	96.00	*45.00	1.88:1	51.00	76.00	25.00	1.49:1
Plantation																		
Fibre																		
Others (pl.specify)																		
	Total																	

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

** BCR= GROSS RETURN/GROSS COST

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																		
Poultry																		
Rabbitry																		
Pigerry																		
Sheep and goat																		
Duckery																		
Others (pl.specify)																		
	Total																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																		
Mussels																		
Ornamental fishes																		
Others (pl.specify)																		
		Total																

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Oyster mushroom																	
Button mushroom																	
Vermicompost																	
Sericulture																	
Apiculture																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Women empowerment

Category	Name of technology	No. of KVKs	No. of demonstrations	Name of observations	Demonstration	Check
Women						
Pregnant women						
Adolescent Girl						
Other women						

Children						
Neonats						
Infants						
Children						

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit ect.)			
						Demonstration	Check									
Introducing vegetable preservator		CRIDA Model	1	20	2	6days	2days	100	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demonst-ration	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Rice										
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	Mycho- 5005	10	4	58970	50000	17.9	63000	176910	113910	2.80:1
Brinjal										
Okra	Mycho- 10	10	4	12880	10200	26.2	57000	115920	58920	2.03:1
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										

V. 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	1	23	0	23	0	0	0	23	0	23
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/Irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	2	20	0	20	2	0	2	22	0	22
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	3	37	0	37	2	0	2	39	0	39
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	2	35	7	42	0	0	0	35	7	42
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
b) Fruits										

Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	18	1	19	0	0	0	18	1	19
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
d) Plantation crops										
Production and Management technology	2	15	20	35	0	5	5	15	25	40
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	1	33	0	33	4	0	4	37	0	37
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										

Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	1	48	4	52	12	0	12	60	4	64
Post harvest technology and value addition	1	10	3	13	0	0	0	10	3	13
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Soil Health and Fertility Management										
Soil fertility management	1	13	0	13	0	0	0	13	0	13
Integrated water management										
Integrated nutrient management	1	20	0	20	0	0	0	20	0	20
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient use efficiency	0	0	0	0	0	0	0	0	0	0
Balanced use of fertilizers	1	22	7	29	0	0	0	22	7	29
Soil and water testing	2	21	19	40	3	3	6	24	22	46
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Livestock Production and Management										
Dairy Management	1	16	17	33	0	0	0	16	17	33
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Feed and Fodder technology	3	31	15	46	0	0	0	31	15	46
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	1	2	5	7	2	11	13	4	16	20
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0

Designing and development for high nutrient efficiency diet	1	0	14	14	0	3	3	0	17	17
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	1	3	9	12	0	0	0	3	9	12
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	2	26	29	55	0	0	0	26	29	55
Women empowerment	1	0	30	30	0	5	5	0	35	35
Location specific drudgery production	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	26	26	0	4	4	0	30	30
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Agril. Engineering										
Farm machinery and its maintenance	2	19	3	22	0	0	0	19	3	22
Installation and maintenance of micro irrigation systems	4	79	3	82	0	0	0	79	3	82
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Plant Protection										
Integrated Pest Management	2	22	4	26	0	0	0	22	4	26
Integrated Disease Management	1	29	7	36	0	0	0	29	7	36
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Fisheries										

Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	16	0	16	0	2	2	16	2	18
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	1	17	0	17	0	2	2	17	2	19

Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	16	16	0	4	4	0	20	20
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	1	20	0	20	0	0	0	20	0	20
Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**43**	**595**	**239**	**834**	**25**	**39**	**64**	**620**	**278**	**898**

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	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/Irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	7	158	56	214	4	0	4	162	56	218
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0

Integrated Nutrient Management	8	168	66	234	1	24	25	169	91	260
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	2	24	0	24	0	0	0	24	0	24
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0

d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology	1	33	4	37	0	0	0	33	4	37
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Soil Health and Fertility Management										
Soil fertility management	2	57	18	75	3	4	7	60	22	82
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	6	34	57	91	0	0	0	34	57	91
Production and use of organic inputs	2	15	17	32	3	4	7	18	21	39
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	4	6	10	0	0	0	4	6	10
Nutrient use efficiency	0	0	0	0	0	0	0	0	0	0
Balanced use of fertilizers	2	5	17	22	1	2	3	6	19	25
Soil and water testing	2	26	7	33	14	2	16	40	9	49
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0

Livestock Production and Management										
Dairy Management	4	36	27	63	0	0	0	36	27	63
Poultry Management	3	15	7	22	0	1	1	15	8	23
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	4	23	54	77	7	8	15	30	62	92
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Feed and Fodder technology	7	61	18	79	3	10	13	64	28	92
Production of quality animal products	2	20	10	30	0	0	0	20	10	30
Others (pl.specify)	7	35	60	95	21	17	38	56	77	133
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	8	48	56	0	3	3	8	51	59
Design and development of low/minimum cost diet	1	7	28	35	0	0	0	7	28	35
Designing and development for high nutrient efficiency diet	2	0	19	19	0	16	16	0	35	35
Minimization of nutrient loss in processing	3	0	49	49	0	0	0	0	49	49
Processing and cooking	3	24	39	63	0	0	0	24	39	63
Gender mainstreaming through SHGs	2	1	28	29	0	7	7	1	35	36
Storage loss minimization techniques	2	0	28	28	0	0	0	0	28	28
Value addition	2	11	11	22	0	21	21	0	43	43
Women empowerment	4	0	60	60	0	18	18	0	78	78
Location specific drudgery production	1	10	16	26	0	7	7	10	23	33
Rural Crafts	1	0	16	16	0	11	11	0	27	27
Women and child care	2	6	17	23	5	48	53	11	61	72
Others (pl.specify)	2	15	27	42	2	16	18	17	43	60
Agril. Engineering										
Farm machinery and its maintenance	19	240	83	323	16	4	20	256	87	343
Installation and maintenance of micro irrigation systems	5	78	4	82	0	0	0	78	4	82

Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	2	23	0	23	0	0	0	23	0	23
Plant Protection										
Integrated Pest Management	11	166	52	218	3	10	13	169	62	231
Integrated Disease Management	2	25	11	36	0	0	0	25	11	36
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site										
Seed Production	1	0	1	1	0	12	12	0	13	13

Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	1	24	6	30	0	0	0	24	6	30
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	4	53	15	68	21	0	21	74	15	89
Formation and Management of SHGs	2	0	34	34	0	6	6	0	40	40
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**134**	**1405**	**1016**	**2421**	**104**	**251**	**355**	**1498**	**1275**	**2773**

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	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	20	20	0	5	5	0	25	25
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	2	0	54	54	0	6	6	0	60	60
Rural Crafts	1	0	23	23	0	3	3	0	26	26
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	1	7	2	9	0	0	0	7	2	9
Sheep and goat rearing	2	12	16	28	1	7	8	13	23	36
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0

Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	1	0	12	12	0	0	0	0	12	12
TOTAL	**8**	**19**	**127**	**146**	**1**	**21**	**22**	**20**	**148**	**168**

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	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and	4	54	7	61	0	0	0	54	7	61

implements										
Value addition	1	0	16	16	0	0	0	0	16	16
Small scale processing	1	0	29	29	0	0	0	0	29	29
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	18	18	0	6	6	0	24	24
Rural Crafts	1	0	16	16	0	0	0	0	16	16
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	1	0	12	12	0	7	7	0	19	19
TOTAL	**1**	**2**	**9**	**11**	**0**	**0**	**0**	**2**	**9**	**11**

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	0	0	0	0	0	0	0	0	0	0

Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	8	18	26	1	3	4	9	21	30
Household food security	1	0	22	22	0	3	3	0	25	25
Any other (pl.specify)	1	9	3	12	0	0	0	9	3	12
Total	**3**	**17**	**43**	**60**	**1**	**6**	**7**	**18**	**49**	**67**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0

Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	1	0	34	34	0	6	6	0	40	40
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**34**	**34**	**0**	**6**	**6**	**0**	**40**	**40**

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**	0	0	0	0	0	0	0	0	0	0
1.a.	Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
1.b.	Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
2	**Production and value addition**	0	0	0	0	0	0	0	0	0	0
2.a.	Fruit Plants	1	18	1	19	0	0	0	18	1	19
2.b.	Ornamental plants	0	0	0	0	0	0	0	0	0	0

2.c.	Spices crops	0	0	0	0	0	0	0	0	0	0
3.	**Soil health and fertility management**	4	39	17	56	3	4	7	42	21	63
4	**Production of Inputs at site**	1	18	29	47	0	0	0	18	29	47
5	**Methods of protective cultivation**	0	0	0	0	0	0	0	0	0	0
6	**Others (pl.specify)**	0	0	0	0	0	0	0	0	0	0
7	**Post harvest technology and value addition**	0	0	0	0	0	0	0	0	0	0
7.a.	Processing and value addition	5	120	57	177	0	0	0	120	57	177
7.b.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
8	**Farm machinery**	0	0	0	0	0	0	0	0	0	0
8.a.	Farm machinery, tools and implements	11	241	33	274	0	0	0	241	33	274
8.b.	Others (pl.specify)	2	45	0	45	0	0	0	45	0	45
9.	**Livestock and fisheries**	0	0	0	0	0	0	0	0	0	0
10	**Livestock production and management**	0	0	0	0	0	0	0	0	0	0
10.a.	Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
10.b.	Animal Disease Management	0	0	0	0	0	0	0	0	0	0
10.c	Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
10.d	Fisheries Management	0	0	0	0	0	0	0	0	0	0
10.e.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
11.	**Home Science**	0	0	0	0	0	0	0	0	0	0
11.a.	Household nutritional security	1	0	34	34	0	0	0	0	34	34
11.b.	Economic empowerment of women	1	0	15	15	0	0	0	0	15	15
11.c.	Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
11.d.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
12	**Agricultural Extension**	0	0	0	0	0	0	0	0	0	0
12.a.	Capacity Building and Group Dynamics	3	155	16	171	0	0	0	155	16	171
12.b.	Others (pl.specify)	2	0	54	54	0	6	6	0	60	60
	Total	**31**	**636**	**256**	**892**	**3**	**10**	**13**	**639**	**266**	**905**

Details of vocational training programmes carried out for rural youth

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**	0	0	0	0	0	0	0	0	0	0
1.a.	Commercial floriculture	0	0	0	0	0	0	0	0	0	0
1.b.	Commercial fruit production	0	0	0	0	0	0	0	0	0	0
1.c.	Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
1.d.	Integrated crop management	0	0	0	0	0	0	0	0	0	0
1.e.	Organic farming	0	0	0	0	0	0	0	0	0	0
1.f.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
2	**Post harvest technology and value addition**	0	0	0	0	0	0	0	0	0	0
2.a.	Value addition	0	0	0	0	0	0	0	0	0	0
2.b.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
3.	**Livestock and fisheries**	0	0	0	0	0	0	0	0	0	0
3.a.	Dairy farming	0	0	0	0	0	0	0	0	0	0
3.b.	Composite fish culture	0	0	0	0	0	0	0	0	0	0
3.c.	Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
3.d.	Piggery	0	0	0	0	0	0	0	0	0	0
3.e.	Poultry farming	0	0	0	0	0	0	0	0	0	0
3.f.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
4.	**Income generation activities**	0	0	0	0	0	0	0	0	0	0
4.a.	Vermi-composting	0	0	0	0	0	0	0	0	0	0
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
4.c.	Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
4.d.	Rural Crafts	0	0	0	0	0	0	0	0	0	0
4.e.	Seed production	0	0	0	0	0	0	0	0	0	0
4.f.	Sericulture	0	0	0	0	0	0	0	0	0	0

4.g.	Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
4.h.	Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
4.i.	Tailoring, stitching, embroidery, dying etc.	2	0	54	54	0	6	6	0	60	60
4.j.	Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
4.k.	Others (pl.specify)	0	0	0	0	0	0	0	0	0	0
5	**Agricultural Extension**	0	0	0	0	0	0	0	0	0	0
5.a.	Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
5.b.	Others (pl.specify)	1	23	0	23	0	0	0	23	0	23
	Grand Total	**3**	**23**	**54**	**77**	**0**	**6**	**6**	**23**	**60**	**83**

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	75	409	39	448
Diagnostic visits	49	250	10	260
Field Day	9	292	24	316
Group discussions	0	0	0	0
Kisan Ghosthi	0	0	0	0
Film Show	4	487	56	543
Self -help groups	48	729	4	733
Kisan Mela	2	203	16	219
Exhibition	10	2429	212	2641
Scientists' visit to farmers field	18	1909	10	1919
Plant/animal health camps	3	112	20	132
Farm Science Club	18	430	2	432
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	14	439	20	459
Celebration of important days	0	0	0	0
Special day celebration	0	0	0	0
Exposure visits	11	586	93	649
Others (pl.specify)				
Technology week celebration	1	546	147	693
JLG meetings	29	206	0	206

Vana mahotchevam	1	88	9	97
Health camp	1	51	6	57
Goat rearing association formed	1	18	2	20
PRA survey	1	42	4	46
Total	**295**	**9151**	**732**	**9813**

Details of other extension programmes

Particulars	Number
Electronic Media	0
Extension Literature	18
News Letter	4 issue
News paper coverage	4
Technical Articles	2
Technical Bulletins	3
Technical Reports	3
Radio Talks	3
TV Talks	0
Animal health amps (Number of animals treated)	3 (747)
Others (pl.specify)	0
Total	**40**

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	Cholam	COFS 29	0.7	11375.00	96
Oilseeds	Gingly	CO4	3.3	8415.00	82
Pulses	Green gram	Vamban-3	1.0	9500.00	22
	Cow pea	Co4	1.6	8000.00	18
Commercial crops	0	0	0	0	0
Vegetables	0	0	0	0	0
Flower crops	0	0	0	0	0
Spices	0	0	0	0	0

Fodder crop seeds	0	0	0	0	0
Fiber crops	0	0	0	0	0
Forest Species	0	0	0	0	0
Others	0	0	0	0	0
Total	**0**	**0**	**6.6**	**37290.00**	**218**

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	0	0	0	0	0
Vegetable seedlings	0	0	0	0	0
Fruits	Bananan suckers	Nanthiran	16700	15950.00	68
Ornamental plants	Hybicus	loacl	600	1200.00	25
Medicinal and Aromatic	0	0	0	0	0
Plantation	Coconut	Tall	2369	59225.00	345
Spices	0	0	0	0	0
Tuber	0	0	0	0	0
Fodder crop saplings	Cumber napier	Co-3	20000	5550.0	36
		Co-4	444250	105950.00	220
Forest Species	0	0	0	0	0
Others	Mulberry cuttings	V1	20350	26715.00	75
Total	0	0	**504269**	**214590.00**	**769**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilizers	0	0	0	0
Bio-pesticide	Neem soap	20	3510.00	16
	Pungamia soap	20	3290.00	15

Bio-fungicide	0	0	0	0
Bio Agents	0	0	0	0
Others	Vermicompost	12000	17712.00	45
	Arka Banana mixture	300	30000.00	185
	Arka Vegetable mixture	600	60000.00	260
Total	0	**12940**	**114512.00**	**521**

Production of livestock and related enterprise materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	0	0	0	0
Buffaloes	0	0	0	0
Calves	Cross	6	83,700.00	6
Others (Goat)	Tellicherry	12	23,440.00	8
Poultry	0	0	0	0
Broilers	0	0	0	0
Layers	0	0	0	0
Duals (broiler and layer)	0	0	0	0
Japanese Quail	0	0	0	0
Turkey	0	0	0	0
Emu	0	0	0	0
Ducks	0	0	0	0
Others (Pl. specify)	0	0	0	0
Piggery	0	0	0	0
Piglet	0	0	0	0
Others (Pl.specify)	0	0	0	0
Fisheries	0	0	0	0
Fingerlings	0	0	0	0
Others (Pl. specify)	0	0	0	0
Total	**2**	**18**	**1,07,140.00**	**14**

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

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	112	112	**20**	1950
Water	21	21	**5**	350

Plant	0	0	**0**	**0**
Manure	**0**	**0**	**0**	**0**
Others (pl.specify)	**0**	**0**	**25**	**0**
Total	**133**	**133**	**5**	**2300**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted
1

IX. NEWSLETTER

Number of issues of newsletter published
4

X. RESEARCH PAPER PUBLISHED

Number of research paper published
2

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

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**
0	**0**	**0**	**0**	**0**