PROFORMA FOR ANNUAL REPORT 2010-11

(FOR THE PERIOD APRIL 2010 TO MARCH 2011)

KRISHI VIGYAN KENDRA (DISTRICT NAME)

GENERAL INSTRUCTIONS

Please these instructions very carefully before starting preparation

Sl. No.	Instructions
General	Annual report is the most important achievement report for the KVK and it directly reflects the overall achievements pertaining to the reported period. Hence due care need to be given at your end for preparing this.
	Period of Report if from April 2010 to March 2011
	Last date of receiving the soft copy through email to ZPD VIII is 20th April 2011 positively.
	Please prepare minimum of 20 good action photographs with relevant captions covering various mandated activities of the KVK in High resolution JPG format and send separately along with this report
	By carefully preparing Summary Table you are helping ZPD VIII to compile your report. Hence please prepare the Summary tables carefully tallying with the relevant portions of the main report on all aspects.
	In the soft copy alone you please retain the blank column and rows as such with - as the same would be easy for ZPD VIII to compile and analyze the data
1.7	Under demonstration unit, kindly give name of unit. Source of funding must be mentioned
3.B.	This should tally with the thrust areas given in Sl.No.2.7
3.B2.	This can be made in landscape table
4.A1 to 4.B.4	Total of 4.A.1 should tally with 4.B.1, 4.A.2 with 4.B.2, 4.A.3 with 4.B.3. and 4.A.4 with 4.B.4
5.A.	For example thematic area – popularization of variety, and under this thematic area if two varieties have been popularized, please give separately.
5.A and 5.B	Kindly ensure that hybrids mentioned are really hybrids and then incorporate in the appropriate column
4.A, 4.B, 4.C, 5.A and 5.B	In case of all OFTs and FLDs, raw data (data on OFT and FLD on individual farmers basis) is required to be maintained at KVK level carefully and all data for this report must be compiled based on the raw data.
7 .A to 7.H	Please ensure that the total figures are tallying properly
Part VIII	Extension activity under celebrations for each important day, please insert separate rows and give appropriate data separately. Clubbing of data may be avoided.
10.A	Monthly, quarterly and Annual Report of KVK are compilation reports only and need not be considered as Technical Reports.
Cover page	For sending to ZPD, cover page should be same as given in the first page of the format. In other words no need of putting photographs and other picture formats. The same may be included while submitting the final Annual Report during Annual Review Workshop.

PART I - GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

KVK Address	Telephone		E mail	Web Address
RVS-Krishi Vigyan Kendra Urmelalagian, Ayikudi (PO) Tenkasi Taluk Tirunelveli District- 627 852	Office 04633- 292500	Fax 04633- 240390	tirunelvelikvk@gmail.com	www.rvskvk.com

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

Address	Telephone		E mail	Web Address
	Office	Fax		
RVS Educational Trust, RVS Nagar, Dindigul- 624 005	04551- 227237	227230	tirunelvelikvk@gmail.com	www.rvsgroup.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Mrs. N. Subbulashkmi Programme Coordinator (i/c) RVS- KVK, Urmelalagian, Ayikudi (PO) Tenkasi Taluk Tirunelveli District- 627 852	04633- 292500	9788736045	subbulakshmiarun@gmail.com subbulakshmiarun@rediffmail.com

1.4. Year of sanction:

1.5. Staff Position (as 31st March 2011)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator										
2	SMS	N.Subbulashkmi	Programme co-ordinator (i/c)	F	Home Science	M.Sc.,M.Phil.,	8000-13500	12000	01/09/2008	Permanent	OBC
3	SMS	M.Ramachandran	SMS - Agronomy	M	Agronomy	M.Sc	8000-13500	12000	12/01/2010	Temporary	SC
4	SMS	I.Karthikeyan	SMS - Horticulture	M	Horticulture	M.Sc	8000-13500	12000	11/22//2010	Temporary	SC
5	SMS										
6	SMS										
7	SMS										
8	Programme Assistant(Lab Tech.)/T-4	Dr.SRS.Selvakuthaligam	Prog.Asst – Veterinary & Animal science	M	Veterinary & Animal Science	B.V Sc., M.L.,	5500-175-9000	12000	02/28/2011	Temporary	OBC
9	Programme Assistant (Computer)/ T-4	C.Ravishankar	Prog. Asst - Computer	M	Computer Programmer.	MCA	5500-175-9000	8250	04/28/2010	Permanent	OBC
10	Programme Assistant/ Farm Manager	S.Tiruvengadam	Prog.Asst- Farm Manager	M	Farm Manager	B Sc	5500-175-9000	8250	12/20/2010	Temporary	OBC
11	Assistant	R.Sathishkumar	Accountant	M	Accountant	M Com	5500-175-9000	8250	01/10/2011	Temporary	OBC

12	Jr. Stenographer										
13	Driver	S.Selvakumar	Driver	M	Driver	Higher secondary	3200-75-4900	4688	10/01/2008	Permanent	SC
14	Driver	A.Krishnamoorthy	Driver	M	Driver		3200-75-4900	5813	09/01/1998	Permanent	OBC
15	Supporting staff	S.A.Murugan	Supporting staff	M	Supporting staff	Higher secondary	2550-55-3200	4800	08/01/2006	Permanent	OBC
16	Supporting staff	M.Abdul Khadhar	Supporting staff	M	Supporting staff	Higher secondary	2550-55-3200	4575	01/01/2010	Permanent	OBC

1.6. Total land with KVK (in ha) : 20 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.4
2.	Under Demonstration Units	2.6
3.	Under Crops	16.0
4.	Orchard/Agro-forestry	-
5.	Others	-

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1998	600	27.94	Nil		
2.	Farmers Hostel	ICAR	1998	300	8.80	Nil		
3.	Staff Quarters (8)	ICAR	1998	390	16.9	Nil		
4.	Demonstration Units					-	-	-
	1	ICAR	1995	90	0.75	Nil		
	2	ICAR	1995	150				
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Four wheeler – Jeep	2010	6.00	040130	Good
Two wheeler – Honda shine	2009	0.49	21953	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer printer &UPS	2002	1.34	Good
TV & VCR	1996	0.25	Good
OHP	1996	0.24	Repair
Slide Projector	1997	0.15	Good
Xerox machine	2004	0.92	Good
Camera	2004	0.18	Good
LCD projector & Scanner	2008	1.02	Good

1.8. Details SAC meeting conducted in 2010-11

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1.	30.07.2010	32	7	More demonstrations units must be established at KVK	We are taking steps to implement the demonstration unit
2.				Farm Mechanization must be promoted	We are planning to buy in the second quarter
				Arrangement of KVK conveners meet at regular intervals	We are conducting meetings at regular intervals
				Making efforts to arrange marketing facilities for agricultural commodities	We promote through SMS
				Transfer of new technologies to more number of blocks	We educate through Pamphlets and Newsletters

PART II - DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Paddy – Paddy- Pulses/cotton
2	Paddy – Paddy – Gingelly / Maize
3	Groundnut – Maize
4	Coconut
5	Paddy – Sugarcane

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

S. No	Agro-climatic Zone	Characteristics
1	Semi – Arid Zone	Thamirabarani River zone

S. No	Agro ecological situation	Characteristics
1	Semi – Arid Zone	Tirunelveli district is located in southern part of Tamilnadu and the river Thamirabarani flows across the district. The district received rainfall during all the seasons. The average rainfall is 814.88mm. The maximum precipitation is contributed by North East Monsoon (60%) followed by the South West Monsoon (20%)

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Red soil	Well drained, fine loamy, very deep, No calcareous, structures less, single, Grained, loose very friable non sticky and non plastic, clear smooth boundary. Strong coarse sub angular blocky, common very fine tubular pores, PH 6.2 to 7.8	35375
2	Sandy loam soil	Moderately well to poorly, fine loamy, Calcareous, alkaline, grayish brown Friable non sticky and non plastic, Common medium pores, PJ 5.8 to 9.0	45631
3.	Loamy soil	Well drained, fine loamy, very deep, No calcareous, structure less, single Grained, loose very friable non sticky and non plastic, clear smooth boundary strong coarse sub angular blocky, common very fine tubular pores, PH 6.2 to 7.8	65887

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

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
1	Paddy	77891	2, 33,673	71.37
2	Pulses	17485	20,982	-
3	Groundnut	1061	-	29.90
4	Cotton	2776	-	13.23
5	Sunflower	418	-	18.55
6	Flowers	875	-	-
7	Vegetables	1346	-	-
8	Cashew	4899	-	-
9	Acid lime	18500	26000	14.05
10	Amla	850	100000	117.64

* Source: Joint Director of Agriculture, Tirunelveli.

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April '10	36.8	33	27	66
May'10	48.5	35	24	69
June'10	29.12	32	25	70
July'10	26.2	31	26	74
August'10	8.98	34	27	62
September'10	73.54	30	22	73
October'10	63.44	29	24	79
November'10	295.34	28	23	83
December'10	171.16	28	24	76
January '11	75.06	29	28	56
February '11	40.01	30	27	60
March '11	79.63	32	29	67

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

Category	Population	Production	Productivity
Cattle			
Crossbred	**115817**	**82416**	**3.85**
Indigenous	**209620**	-	-
Buffalo	**114172**	**396015**	**3.95**
Sheep			
Crossbred	**375274**	-	-
Indigenous	-	-	-
Goats	**226638**	-	-
Pigs	**26998**	-	-
Crossbred	-	-	-
Indigenous	-	-	-
Rabbits	**5768**	-	-
Poultry	**864703**	-	-
Hens	-	-	-
Desi	-	-	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-
Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

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

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

2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Identified Thrust Areas
1	Sankaran Kovil	**Block:** Karadikulam	**Villages** 1. Karisalkulam 2. Kuruvikulam 3. Muthusamypuram 4. Kalingapatti 5. Melanneathanallur	**Crops:** Paddy Maize, Sunflower Groundnut, Pulses, Cotton **Enterprises** Dairy	• Scientific disease management • Improves cultivation practices • INM • Reclamation of Problematic soils • Scientific disease management • IPM • Varietal introduction
2	Alangulam	**Block:** Alangulam	**Villages** 1. Vettur 2. Adikalapatinam 3. Athiuthu 4. Maranthai 5. Kaluneerkulam 6. Oothamalai	**Crops** Paddy Groundnut Sunflower Onion Cashew Tomato **Enterprises** Dairy	• System of Rice intensification • INM • IPM • Scientific disease management • INM • Varietal introduction of high yielding Varieties in Groundnut
3	Ambasamutram	**Block:** Ambasamuthiram	**Villages** 1. Papanasam 2. Alvarkuruchi	**Crops** Paddy Pulses Banana Groundnut	• IPM • Scientific disease management • Varietal introduction • Scientific cultivation practices • Varietal introduction • INM
4	Sivagiri	**Block** Vasudevanallur	**Villages** 1.Puliyankudi 2.Subramaniyapuram 3.Nelkattuseval 4.Vellanakottai	**Crops** Sugarcane Paddy, Pulses **Enterprises** Dairy	• IPM • Scientific disease management • SRI • Seed treatment • Varietal introduction • Improved cultivation practiced • Health management in Livestock's
5	Tenkasi	**Block:** Tenkasi	Villlages 1. Piranoor 2. Kuthukalvalsai 3. Ilanchi 4. Sivramapattinam	**Crops** Paddy Onion Vegetables Sunflower Groundnut Coconut Banana **Enterprises** Dairy & Poultry	• SRI • INM • IPM • Scientific cultivation Practices • Scientific management in poultry • Nutrient management • Varietal introduction

		Block: Kadayanallur	**Villages** 1. Karadikulam 2. Marpalapuram 3. Singlipatti 4. Chokkampatti 5. Poigai	**Crops** Paddy Pulses Onion Groundnut Vegetables Citrus Amla & Coconut **Enterprises** Dairy & poultry	• SRI • Introduction of high yielded grafted Amla NA 10 • IPM • IPM in Citrus • Scientific cultivation practices • INM • Scientific disease management
		Block: Keelapavoor	**Villages** 1. Surandai 2. Sundarapandia puram 3. Melapavoor 4. Keelapavoor	**Crops** Paddy, Chilli, Tomato Bhendi Sunflower Maize Groundnut **Enterprises** Dairy	• IPM • Scientific disease management • Varietal introduction • INM • Scientific disease management • Scientific dairy rearing
6	Shenkottai	**Block:** Shenkottai	**Villages** 1.S.V.Karai 2.Ayikudi 3.Achampatti 4.Elathur 5.Puliyarai 6.Kambli	**Crops** Paddy, Pulses, Mango, Coconut **Enterprises** Dairy & Goat	• INM • Scientific cultivation practices • Varietal introduction • IPM

2.9 Priority thrust areas

S. No	**Thrust area**
1	Varietal Introduction in Agriculture and Horticulture crops
2	Scientific Crop management.
3	Integrated Pest Management
4	Scientific Disease Management
5	Integrated Nutrient Management
6	Organic Farming for Sustainable Agriculture
7	Reclamation of problem soil
8	Entrepreneur Development
9	Feed and Health Management in Livestock's
10	Scientific rearing of Poultry.
11	Women Empowerment
12	Rural Development

PART III - TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
5	5	50	42	11	11	250	243

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
45	42	1050	1029	5	1	45	42

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

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	
1	Weed management	Paddy	Trained labour shortage and planting of aged seedling	Assessment of mechanization of transplanting in paddy	-	3	-	-	4	-	-	-	No.	Kg

2	Varietal evaluation	Red gram	Low yield local varieties	Performance evaluation of red gram varieties	-	3	2	2	3	-	-	-		
3	INM	Chilli	Soil not tested for fertilizer application	Soil test based on IPNS in chilli	-	7	4	-	5	-	-	-		
4	INM	Jasmine	Poor flower yield improper fertilizer application	Study on foliar nutrition in jasmine	-	2	-	-	-	-	-	-		
5	Production & management	Cows	Animal not coming to estrum after parturition leading to prolonged inter calving period	Management of post partum in crossbred cows	-	2	-	-	-	-	-	-		
6	ICM	Paddy	Use of local variety	-	Popularization of Co RH 3 in SRI	2	-	-	-	-	-	-	-	-
7	ICM	Fodder grass	Use of local variety	-	Popularization of fodder grass Co (CN)4	2	-	-	-	-	-	-	-	-
8	ICM	Bhendi	Heavy yield but loss due to YMV incidence	-	Popularization of bhendi variety CoBH-1	4	-	-	-	-	-	-	-	-
9	ICM	Banana	Non application of MN leads to poor fruit quality and quantity losses	-	ICM in Banana	6	2	-	-	-	-	-	-	-
10	Varietal introduction	Onion	Cultivation of low yielding variety & thrips and cutworm pest management	-	Popularization of onion variety CO-5 (Aggregated type)	3	-	-	-	-	-	-	-	-
11	Varietal introduction	Chilli	Low yield due to mosic and fruit rot in chilli	-	Popularization of chilli variety KK-1	2	-	-	-	-	-	-	-	-
12	INM	Maize	Improper crop management	-	Micro nutrient management in maize	2	-	-	-	-	-	-	-	-

13	Farm mechanization	Pulse storage devices	Quality and quantity losses in pulses	-	Management of pulses in TNAU storage devices	5	-	-	-	-	-	-	-	-
14	IPM	Cotton	Local variety more susatable for pest and disease	-	Management of mealy bug in cotton	6	-	-	-	-	-	-	-	-
15	Production management	Poultry	Locally using for poultry disease attack	-	Popularization of CARI Asel/ Vanaraja	-	-	-	-	-	-	-	-	-
16	Promotion of vegetable preservator	CRIDA	Poor self life of the produce. Poor nutritional quality and distress role of vegetables	-	Farmers friendly low cost vegetable preservator	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	**Assessment of mechanization of transplanting in paddy**	**TNAU**	**Paddy**	**OFT**	-	**Improved planting techniques in paddy**	**Supply of seeds, cono weeder, multi row power weeder (Madurai type)**
2	Performance evaluation of red gram varieties	**TNAU**	**Red gram**	**OFT**	-	**Package practices in red gram**	**Method demonstration**
3	Soil test based on IPNS in chilli	**TNAU**	**Chilli**	**OFT**	-	**IPNS chillies**	**Demonstration**
4	Study on foliar nutrition in jasmine	**TNAU**	**Jasmine**	**OFT**	-	**Improper foliar nutrient management**	**Joint diagnostic**
5	Management of post partum in crossbred cows	**TNAU**	**Cows**	**OFT**	-	**Deworming and supplementation of TNAUVAS mineral mixture**	**Joint diagnostic visit**
6	Popularization of Co RH 3 in SRI	**TNAU**	**Paddy**	-	**FLD**	**Planting techniques for different weed management**	**Supply of seeds and method demonstration**
7	Popularization of fodder grass Co (CN)4	**TNAU**	**Fodder grass**	-	**FLD**	**Package of practices in cumbu napier hybrid grass**	**Supply of sets**
8	Popularization of bhendi variety CoBH-1	**TNAU**	**Bhendi**	-	**FLD**	**Introduce disease resistant varieties COBH-1**	**Supply of seeds and bio fertilizer**
9	ICM in Banana	**TNAU**	**Banana**	-	**FLD**	**IPM in banana**	**Supply of seeds and bio fertilizer**
10	Popularization of onion variety CO-5 (Aggregated type)	**TNAU**	**Onion**	-	**FLD**	**Introduction of small onion seed setting variety**	**Method demonstration**
11	Popularization of chilli variety KK-1	**TNAU**	**Chilli**	-	**FLD**	**Package of practices in chilli KK-1**	**Supply of seeds and bio fertilizer**
12	Micro nutrient management in maize	**TNAU**	**Maize**	-	**FLD**	**Improper of foliar spraying micro nutrients in maize**	**Method demonstration**
13	Management of pulses in TNAU storage devices	**TNAU**	**Pulse**	-	**FLD**	**Introduce the pulses storage TNAU devices**	**Training**
14	Management of mealy bug in cotton	**TNAU**	**Cotton**	-	**FLD**	**IPM practices**	**Training**
15	Popularization of CARI Asel/ Vanaraja	**TANUVAS**	**Poultry**	-	**FLD**	**CARI Asel**	**Joint diagnostic visit**
16	Farmers friendly low cost vegetable preservator	**TNAU**	**CRIDA**	-	**FLD**	**Low cost vegetable preservator**	**Demonstration and training**

3.B2 contd..

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

PART IV - On Farm Trial

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	-	-	-	-	1	-	1	-	-	2
Varietal Evaluation	-	-	1	-	-	-	-	-	-	1
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-	-	-	-	-	-
Weed Management	1	-	-	-	-	-	-	-	-	1
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Total	1	-	1	-	1	-	1	-	-	4

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

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

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

4. B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha
Integrated Nutrient Management	Chilli	Soil test based IPNS in chilli	3		3
	Jasmine	Study on foliar nutrient ion in jasmine	2		3
Varietal Evaluation	Red gram	Performance evaluation of red gram	5		3
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-
	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-
	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Weed Management	Paddy	Assessment of efficient mechanical weeding in SRI	5		3
	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-
	-	-	-	-	-
Farm Machineries	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
	-	-	-	-	-
Value addition	-	-	-	-	-
	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
	-	-	-	-	-
Storage Technique	-	-	-	-	-
	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
	-	-	-	-	-
Total	-	-	-	-	-

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	-	-	-	-
Nutrition management	-	-	-	-
Disease management	-	-	-	-
Value addition	-	-	-	-
Production and management	Cattle	Management of post partum Anestrum in crossbreds cows	5	25
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total				

6. C1. Results of Technologies Assessed

Results of On Farm Trial

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
Red gram	Irrigated / rainfed	Local varieties yield was low	Performance evaluation of red gram varieties	5	Varietal evaluation in three varieties	Plant height (cm) Yield kg/ha	Plant height – 135 cm	This variety are used to improve the growth and yield	This variety is in semidry region and get a maximum yield / ha Recommended does of fertilizer used simultaneously increased the yield		The application of RDF resulted in good growth

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 (Farmer's practice)		1.5	1500		
Technology option 2- APK 1 with RDF	TNAU	1.82	1820		
Technology option 3- CO (Rg) 7	TNAU	2.2	2200		

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

Performance evaluation of red gram varieties

2 Problem Definition

Local varieties yield was low

3 Details of technologies selected for assessment

Technology option 1 (Farmer's practice

Technology option 2- APK 1 with RDF

Technology option 3- CO (Rg) 7

4 Source of technology

TNAU

5 Production system and thematic area

They are grown under irrigated/ rainfed condition, the thematic are is suitable variety CO (Rg)-7 recommended dose of fertilizer.

6 Performance of the Technology with performance indicators

Technology options	**Plant height (cm)**
Technology option 1 (Farmer's practice	120

Technology option 2- APK 1 with RDF	130
Technology option 3- CO (Rg) 7	135

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

This variety suitable area and district.

Recommended dose fertilizer to increase the yield

8. Final recommendation for micro level situation

Technology option 1 (Farmer's practice

Technology option 2- APK 1 with RDF

Technology option 3- CO (Rg) 7

9 Constraints identified and feedback for research

This variety suitable to soil and RDF used for increase the yield

10 Process of farmers participation and their reaction

Maximum yield can be obtained from new variety through trail.

5. C1. Results of Technologies Assessed

Results of On Farm Trial

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
Paddy	Irrigated	Labour shortage during the period of weeding, high labour cost, drudgery involved in weeding operation, more time required for weeding operation	Assessment of efficient mechanical weeding in SRI	3	SRI	Plant height No. of tiller/hills Yield	No of tiller/hills- Plant height- Yield	-	Ample time is saved when using farm mechanization	-	-

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 (Farmer's practice) Rotary weeder	TNAU	-	-	-	-
Technology option 2- Cono weeder	TNAU	-	-	-	-
Technology option 3- Multi row power weeder	TNAU	-	-	-	-

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

1 Title of Technology Assessed

Assessment of efficient mechanical weeding in SRI

2 Problem Definition

Labour shortage during the period of weeding, high labour cost,

Drudgery involved in weeding operation, more time required for weeding operation.

3 Details of technologies selected for assessment

Technology option 1 (Farmer's practice) Rotary weeder

Technology option 2- Cono weeder

Technology option 3- Multi row power weeder

4 Source of technology

TNAU

5 Production system and thematic area

They are grown under irrigated conditions; the thematic area is using multi row power weeder, effective use of weed management.

6 Performance of the Technology with performance indicators

Technology options	**Plant height (cm)**	**Weed population/m^2**
Technology option 1 (Farmer's practice) Rotary weeder	98	75
Technology option 2- Cono weeder	112	82
Technology option 3- Multi row power weeder	120	91

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

Farmers are unable to come out from their traditional practice of Agriculture. Unable to adopt new farm mechanizations.

10 Process of farmers participation and their reaction

Ample time is saved when using farm mechanization

4. C1. Results of Technologies Assessed

Results of On Farm Trial

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
Chilli	Irrigated	Low yield & high cost of cultivation in chilli production	Soil test based IPNS in chilli	5	Recommended dose of NPK	No of fruit/ plant Yield /ha	No of fruit/plant – 8.3	Soil test based nutrient management reduces the cost of cultivation and also increase the yield of chilli	Number of fruits per plants increased, Through soil testing the yield was increased		The application of recommended of NPK resulted in maximum yield.

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 (Farmer's practice) – Farmers were applied 17:17:17 complex fertilizer @ 300 kg/ha	FP	3.5	3500	104300	1.53
Technology option 2 – recommended dose of NPK - 60:30:30	TNAU	3.8	3800	110950	1.67
Technology option 3 – soil test based nutrient management	RDF- TNAU	4.5	4500	112350	1.83

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

Soil test based IPNS in chilli

2 Problem Definition

Low yield & high cost of cultivation in chilli production

3 Details of technologies selected for assessment

Technology option 1 (Farmer's practice) – Farmers were applied 17:17:17 complex fertilizer @ 300 kg/ha

Technology option 2 – recommended dose of NPK - 60:30:30

Technology option 3 – soil test based nutrient management

(Soil test based nutrient management the cost of cultivation and also increase the yield of chilli)

4 Source of technology

TNAU

5 Production system and thematic area

Chilli is cultivated in Surandai and Ambai area. All the farmers in the area taking up cultivation of onion during May-June as an important cash crop will reduce vegetative growth and induce the flowering

6 Performance of the Technology with performance indicators

Technology options	No of fruit/plant
Technology option 1 (Farmer's practice) – Farmers were applied 17:17:17 complex fertilizer @ 300 kg/ha	7.1
Technology option 2 – recommended dose of NPK - 60:30:3	8.0
Technology option 3 – soil test based nutrient management	8.3

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

Soil test based recommended fertilizer

8. Final recommendation for micro level situation

Technology option 1 (Farmer's practice) – Farmers were applied 17:17:17 complex fertilizer @ 300 kg/ha

Technology option 2 – recommended dose of NPK - 60:30:30

Technology option 3 – soil test based nutrient management - NPK- 55: 20: 35 kg/ha

9 Constraints identified and feedback for research

-

10 Process of farmers participation and their reaction

Maximum yield
Number of fruits per bunch was increased.

4. C1. Results of Technologies Assessed 4

Results of On Farm Trial

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
Jasmine	Irrigated	Poor flower yield due to inadequate and improper nutrient management by the farmers in the area.	Study on foliar nutrition in jasmine	2	Integrated nutrient management	Flowering during lean month in jasmine		High yield were noticed when the foliar nutrition was used	High yield		By applying boric acid high yield were noticed

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 (Farmer's Practice) – Not applying RDF as foliar nutrients		-	-	-	-
Technology option 2- RDF application and foliar application	TNAU	-	-	-	-
Technology option 3 – Fertilizer dose of60:120:120 g NPK/plant 100g, ferrous sulphate 50g, boric acid 30g, planofix 10ml in 10 lit of water – 7 times	TNAU	-	-	-	-

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

1 Title of Technology Assessed

Study on foliar nutrition in jasmine

2 Problem Definition

Poor flower yield due to inadequate and improper nutrient management by the farmers in the area.

3 Details of technologies selected for assessment

Technology Option 1 (Farmer's Practice) – Not applying RDF as foliar nutrients

Technology option 2- RDF application and foliar application

Technology option 3 – Fertilizer dose of60:120:120 g NPK/plant 100g, ferrous sulphate 50g, boric acid 30g, planofix 10ml in 10 lit of water – 7 times

4 Source of technology

TNAU

5 Production system and thematic area

Jasmine cultivated at Kurumalaparri and Thiregudapuram area. All the farmers in the areas taking up cultivator of jasmine during out as an important cash crop will reduce vegetative and induce the flowering.

6 Performance of the Technology with performance indicators

Technology options
Technology Option 1 (Farmer's Practice) – Not applying RDF as foliar nutrients
Technology option 2- RDF application and foliar application
Technology option 3 – Fertilizer dose of60:120:120 g NPK/plant 100g, ferrous sulphate 50g, boric acid 30g, planofix 10ml in 10 lit of water – 7 times

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

8 Final recommendation for micro level situation

Technology Option 1 (Farmer's Practice) – Not applying RDF as foliar nutrients

Technology option 2- RDF application and foliar application

Technology option 3 – Fertilizer dose of60:120:120 g NPK/plant 100g, ferrous sulphate 50g, boric acid 30g, planofix 10ml in 10 lit of water – 7 times

9 Constraints identified and feedback for research

Fertilizer dose of60:120:120 g NPK/plant 100g, ferrous sulphate 50g, boric acid 30g, planofix 10ml in 10 lit of water – 7 times

10 Process of farmers participation and their reaction

High yield were noticed when the foliar nutrition was used

4. C1. Results of Technologies Assessed 5

Results of On Farm Trial

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 cows	Semi intensive system	Anestrum in post partum animals	Management of post partum Anestrum in cross breeds.	2	Post partum Anestrum	Conception rate Milk yield	Given below	75% conception rate in supplement of mineral mixture with Vitamin. A	The farmers realized the importance of mineral mixture to supplementation		

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**(% of conception)**
13	14	15	16	17	18
Technology option 1 (Farmer's practice) – conventional methods	Farmers	2.5	70 animals	-	0%
Technology option 2 – Deworming and supplementation of TANUVAS area specific mineral mixture	TANUVAS	3.0	-	-	30%
Technology option 3 – Deworming and supplementation of TANUVAS area specific mineral mixture + Vitamin A injection	TANUVAS	3.2	-	-	75%

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

1 Title of Technology Assessed

Management of post partum anestrum in crossbred cows.

2 Problem Definition

Anestrum in post partum animals

3 Details of technologies selected for assessment

Technology option 1 (Farmer's practice) – conventional methods

Technology option 2 – Deworming and supplementation of TANUVAS area specific mineral mixture

Technology option 3 – Deworming and supplementation of TANUVAS area specific mineral mixture + Vitamin A injection

4 Source of technology

TANUVAS

5 Production system and thematic area

The farmers who are having more than five animals have been selected and animals were selected and tested

6 Performance of the Technology with performance indicators

Technology options	Remarks
Technology option 1 (Farmer's practice) – conventional methods	-
Technology option 2 – Deworming and supplementation of TANUVAS area specific mineral mixture	50% animals shows normal oestrous
Technology option 3 – Deworming and supplementation of TANUVAS area specific mineral mixture + Vitamin A injection	75% animals shows normal oestrous

After feeding the animals with minerals mixture and Vitamin A, 75 % of the animals were showed the oestrus symptoms and they were inseminated.

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

After implementing the technology each and every farmers were provided with questionnaires to evaluate the technology.

8. Final recommendation for micro level situation

The mineral deficiencies and vitamin deficiencies are the most important problem among the dairy farmers. The reasons behind this situation are unavailability of balanced feed to the animals and shortage of green fodder. So supplementation of heavy yielder with essential minerals and vitamins will rectify the above situation.

9. Constraints identified and feedback for research

Lack of Veterinary and poor Artificial Insemination service to the villages and the reproductive record maintenance of the farmers are very poor for the purpose of follow up treatment.

10. Process of farmers participation and their reaction

The farmers coordinated well with staff of KVK in all stages of the programme implementation and followed the guidelines given to them and adopted the technologies without any flaw or deviation. The farmers are now well aware of the importances of mineral mixture and vitamin A in post partum Anestrum problem and reacted positively to KVK staff that they will adopt the technology in future and will be in touch with KVK for other technologies.

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	
1	Fodder	Irrigated	-	Cumbu Napier grass	CO (CN) 4	-	ICM	Popularization of fodder grass CO (CN)-4	5	5	10	8	18	-

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	
2	cereals	Irrigated	Rabi	Paddy	CoRH-3	CoRH-3	ICM	Varietal introduction of CoRH-3 in paddy with SRI	5	5	10	15	25	-

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	
3	Vegetable	Irrigated	Kharif	Bhendi	CoBH-1	-	Varietal introduction	Popularization of bhendi variety CoBH-1	5	5	7	8	15	-

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/S T	Others	Total	
4	Fruits crop	Irrigated	-	Banana	-	-	ICM	Integrated crop management	4	4	8	4	12	-

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	
5	Vegetable	Irrigated	Summer	Onion	Co-5	-	Varietal introduction	Popularization of onion Co-5 (Aggregatun type)	4	4	7	6	13	-

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
6	Vegetable	Irrigated	Summer	Chilli	KK-1	-	Varietal introduction	Varietal introduction of chillies KK-1	3	3	9	8	17	-

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	
7	Pulses	-	2010	Pulses	-	-	Farm mechanization	Introduction of two in one model trap for pulse beetle monitoring in storage	-	-	30	12	42	-

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	
8	Cereals	Irrigated	Rabi	Maize	-	-	INM	Micro nutrient management in maize	5	5	8	9	17	-

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	
9	Cash crop	Irrigated	Summer	Cotton	-	-	IPM	Management of mealy bug in cotton	7	7	8	12	20	-

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	
10	Poultry	Intensive	2010	Poultry	CARI Aseel/ Vanaraja	-	CARI Aseel/ Vanaraja-introduction	Popularization of CARI Aseel/ Vanaraja	10 unit of 10birds/farmer	10 unit of 10 birds / farmer	30	22	52	-

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	
11	Home science	-	-	All vegetable	-	-	Promotion of vegetable preservator	Farmers friendly low cost vegetable preservator	5	5	10	12	22	-

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	
1	Fodder	Irrigated	-	Cumbu Napier grass	CO (CN) 4	-	ICM	Popularization of fodder grass Co (CN)-4	-	-	-	-	-

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	
2	cereals	Irrigated	Rabi	Paddy	CoRH-3	CoRH-3	ICM	Varietal introduction of CoRH-3 in paddy with SRI	-	-	-	-	-

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	
3	Vegetable	Irrigated	Kharif	Bhendi	CoBH-1	-	Varietal introduction	Popularization of bhendi variety CoBH-1					

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	
4	Fruits crop	Irrigated	-	Banana	-	-	ICM	Integrated crop management	-	-	-	-	-

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	
5	Vegetable	Irrigated	Summer	Onion	Co-5	-	Varietal introduction	Popularization of onion Co-5 (Aggregatun type)	-	-	-	-	-

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	
6	Vegetable	Irrigated	Summer	Chilli	KK-1	-	Varietal introduction	Varietal introduction of chillies KK-1	-	-	-	-	-
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	
7	Pulses	-	2010	Pulses	-	-	Farm mechanization	Introduction of two in one model trap for pulse beetle monitoring in storage	-	-	-	-	-

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	
8	Cereals	Irrigated	Rabi	Maize	-	-	INM	Micro nutrient management in maize	-	-	-	-	-

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	
9	Cash crop	Irrigated	Summer	Cotton	-	-	IPM	Management of mealy bug in cotton	-	-	-	-	-

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	
10	Poultry	Intensive	2010	Poultry	CARI Aseel/ Vanaraja	-	CARI Aseel/ Vanaraja-introduction	Popularization of CARI Aseel/ Vanaraja	-	-	-	-	-

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	
11	Home science	-	-	All vegetable	-	-	Promotion of vegetable preservator	Farmers friendly low cost vegetable preservator	-	-	-	-	-

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 (t/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										
Cumbu Napier grass	Popularization of fodder grass Co (CN) -4	Co (CN) -4	-	Irrigated	5	5	400	180	250	300	25	25000	100000	75000	4.0	20000	50000	2.5	

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Yield at 45th Day	67 tons	40 tons
No. of tillers per clump	38	22

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha) /kg/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										
Paddy	Varietal introduction of CoRH-3 in paddy with SRI	CoRH-3	CoRH-3	Irrigated	5	5	1000	500	650	1000	0	18000	42000	24000	2.3	20000	36000	16000	1.8

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No of plants / m^2	**16**	**12**
No of grains /plant	210	160

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										
Bhendi	Popularization of bhendi variety CoBH-1	CoBH-1	CoBH-1	Irrigated	5	5	22.1	15	18	12	18.5	25000	100000	75000	4.0	30000	75000	45000	2.5

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Plant height/ cm	**120**	**90**
Number of fruits /plant	29	20

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										
Fruits crop	Integrated crop management in Banana			Irrigated	4	4	400	250	300	320	20	80000	400000	320000	5.0	100000	320000	220000	3.2

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No of bunch plant	8	6
No of fruits / bunch	18	14

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										
Onion	Popularization of onion Co-5	Co-5	-	Irrigated	4	4	16	11	13.5	12	33.4	48500	240000	191500	4.3	65000	180000	115000	2.7

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Germination percentage	92 %	72 %
Pest incidence	88 %	63 %

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										
Chilli	Varietal introduction of chillies KK 1	KK-1		Irrigated	3	3	8.3	6.1	7.1	6.9	37.4	15000	20750	5750	1.3	16000	17250	1250	1.07

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No of fruits / plant	**90**	**60**
Pest incidence	85%	62 %

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										
Pulse	Introduction of two in one model trap for pulse beetle monitoring in storage	-	-	-	3	-	-	-	-	-	-	2500	-	-	-	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 – Highest Yield, L – Lowest Yield A – Average Yield

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Percentage of good quality pulses	93 %	60 %

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										
Maize	Micro nutrient management in maize	-	-	Irrigated	5	5	48	30	38	35	27.8	18000	48000	30000	2.6	15000	35000	20000	2.3

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Plant height cm	190	160
No of cup / plant	3	2

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										
Cotton	Management of mealy bug in cotton	MCU 7	-	Irrigated or rain fed	7	7	16.5	11.5	13.0	12.0	27.3	25000	69300	44300	2.7	30000	50400	20400	1.7

* 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.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Pest incidence control	**85 %**	**60 %**
No of bolls / plant	65	40

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										
All vegetables	Farmers friendly low cost vegetable preservator	-	-	-	5	-	-	-	-	-	-	2950	-	-	-	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 – Highest Yield, L – Lowest Yield A – Average Yield

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Quality after 11days preservation	95 %	0 %

5. B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)				% Increase	*Economics of demonstration Rs./unit)				*Economics of check (Rs./unit)			
					Demo			Check if any		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Poultry	Popularization of CARI Aseel / Vanaraja	CARI Aseel	10	10 birds / farmer	800g	500g	650g	300g	10	50	100	50	2.1	20	25	5	1.25:1

* 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**
Weight at 2 months of age	800grams	650 grams
Weight of the egg	53 grams	48 grams

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	
1	Production Technology	-	-	-	-	-	-	-	-	-	-
2	IPM	Management of Mealy bug in cotton			Summer 2010	10	10	12	10	22	-
3	Farm Implements	-	-	-	-	-	-	-	-	-	-

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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Irrigation & Rainfall	-	-	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5.B.6.4 Demonstrations on farm implements

Name of the implement	Area (Ha)	No. of Demo.	Name of the technology demonstrated	Labour requirement for operation (Rs./ha)		
				Demo	Local check	% change
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Total	-	-	-	-	-	-

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

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1	Cumbu Napier grass	Popularization of fodder grass Co(CN) -4	Maximum Milk yield
2	Paddy	Varietal introduction of CoRH 3 in with SRI	High yield
3	Bhendi	Popularization of bhendi variety CoBH-1	High resistant to yellow vein mosaic virus
4	Banana	Integrated crop management in banana	Yield was good
5	Onion	Popularization of onion Co-5	Low cost of cultivation
6	Chilli	Varietal introduction of chillies KK-1	High yield
7	Maize	Micro nutrient management in maize	High yield obtained by applying MN mineral mixture
8	Cotton	Management of mealy in cotton	-
9	Pulse	Introduction of two in one model trap for pulse beetle monitoring in storage	-
10	Home science-vegetable	Farmers friendly low cost vegetable preservator CRIDA	Preservation of vegetable s is fresh
11	Poultry	Popularization of CARI Aseel / vanaraja	-

5.B.6.8 Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	11	95	-
2	Farmers Training	25	150	-
3	Media coverage	-	-	-
4	Training for extension functionaries	1	100	-

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

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	2	26	25	51	11	7	18	37	32	69
Resource Conservation Technologies	5	41	31	72	20	16	36	61	47	108
Cropping Systems	1	7	5	12	8	3	11	15	8	23
Crop Diversification	1	8	6	14	4	2	6	12	8	20
Integrated Farming	1	8	5	13	2	5	7	10	10	23
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	1	5	2	7	11	2	13	16	4	20
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	1	10	7	17	4	3	7	14	10	24
Production of organic inputs	1	7	3	10	8	2	10	15	5	20
Others (pl.specify)	-	-	-	-						
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	4	21	19	40	18	19	37	39	38	77
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	3	13	19	32	14	6	20	27	25	52

Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	6	28	31	59	39	17	56	67	48	115
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	1	5	7	12	5	3	8	10	10	20
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management										
Soil fertility management	1	5	4	9	5	6	11	10	10	20
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	3	22	19	41	19	17	36	41	36	77
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	3	17	14	31	13	16	29	30	30	60
Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-

Designing and development for high nutrient efficiency diet	1	-	20	20	-	-	-	-	20	20
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	9	-	110	110	-	52	52	-	162	162
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	6	33	40	73	28	23	51	61	63	124
Integrated Disease Management	1	4	6	10	4	5	9	8	11	19
Bio-control of pests and diseases	3	15	23	38	18	20	38	33	43	76
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-

Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site										
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics										**1129**

Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**54**	**275**	**396**	**671**	**231**	**224**	**455**	**506**	620	1126

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	1	8	5	13	2	5	7	10	10	20
Resource Conservation Technologies	2	11	13	24	8	10	18	19	23	42
Cropping Systems	1	7	8	15	10	12	22	17	20	37
Crop Diversification	2	13	10	23	7	10	17	20	20	40
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	1	8	6	14	7	4	11	15	10	25
Nursery management	1	9	7	16	6	4	10	15	11	26
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	2	22	13	35	32	21	53	54	34	88
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	1	7	6	13	3	4	7	13	7	20
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
b) Fruits										
Training and Pruning	2	14	13	27	6	9	15	2	22	42

Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	1	7	6	13	3	4	7	10	10	20
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	2	18	14	32	10	8	18	28	22	50
Plant propagation techniques	2	8	7	15	16	20	36	24	27	51
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants										
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants										
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-

Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	1	6	7	13	4	3	7	10	10	20
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	2	22	18	40	14	18	32	36	36	72
Production and use of organic inputs	1	5	2	7	5	8	13	10	10	20
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	1	9	8	17	7	3	10	16	11	27
Soil and water testing	2	16	6	22	8	14	22	24	20	44
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet	1	-	20	20	-	-	-	-	20	20
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-

Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	9	-	95	95	-	72	72	-	167	167
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering										
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection										
Integrated Pest Management	6	31	25	56	31	31	62	62	56	118
Integrated Disease Management	1	5	4	9	5	6	11	10	10	20
Bio-control of pests and diseases	2	19	12	31	13	16	29	32	28	60
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-

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

Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	44	245	305	550	197	282	479	442	587	1029

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	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	1	-	-	-	-	25	25	-	25	25
Rural Crafts	1	-	23	23	-	7	7	-	30	30
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-

Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify) skill triaining	-	-	-	-	-	-	-	-	-	-
TOTAL	2	-	23	23	-	32	32	-	55	55

7.D. Training for Rural Youths including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	10	7	115	122	15	72	87	15	187	202
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-

Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	10	7	115	122	15	72	87	15	187	202

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Women and Child care	1	-	20	20	7	15	22	7	35	42
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	1	-	20	20	7	15	22	7	35	42

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	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	7	-	59	59	-	30	30	-	89	89
Women and Child care	10	-	175	175	-	75	75	-	250	250
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	17	-	234	234	-	105	105	-	339	339

Details of sponsoring agencies involved
1.IOB
2.NABARD

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**	-	-	-	-	-	-	-	-	-	-
1.a.	Commercial floriculture	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial fruit production	-	-	-	-	-	-	-	-	-	-
1.c.	Commercial vegetable production	-	-	-	-	-	-	-	-	-	-
1.d.	Integrated crop management	-	-	-	-	-	-	-	-	-	-
1.e.	Organic farming	-	-	-	-	-	-	-	-	-	-
1.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
2	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Value addition	-	-	-	-	-	-	-	-	-	-
2.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
3.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-
3.a.	Dairy farming	-	-	-	-	-	-	-	-	-	-
3.b.	Composite fish culture	-	-	-	-	-	-	-	-	-	-
3.c.	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
3.d.	Piggery	-	-	-	-	-	-	-	-	-	-
3.e.	Poultry farming	-	-	-	-	-	-	-	-	-	-
3.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
4.	**Income generation activities**	-	-	-	-	-	-	-	-	-	-
4.a.	Vermi-composting	**1**	**30**	**18**	**48**	**15**	**12**	**27**	**45**	**30**	**75**
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-
4.c.	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
4.d.	Rural Crafts	-	-	-	-	-	-	-	-	-	-
4.e.	Seed production	-	-	-	-	-	-	-	-	-	-
4.f.	Sericulture	**2**	**17**	**20**	**37**	**7**	**15**	**22**	**24**	**35**	**59**
4.g.	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
4.h.	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-
4.i.	Tailoring, stitching, embroidery, dying etc.	-	-	-	-	-	-	-	-	-	-
4.j.	Agril. para-workers, para-vet training	-	-	-	-	-	-	-	-	-	-
4.k.	Others (pl.specify) EDP in jute bag one month.	**1**	**-**	**16**	**16**	**-**	**10**	**10**	**-**	**26**	**26**
5	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
5.a.	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	4	47	54	101	22	37	59	69	91	160

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										
Field Visit	**72**	**318**	**212**	**530**	**268**	**260**	**528**	**111**	**73**	**184**
Kisan Mela	-	-	-	-	-	-	-	-	-	-
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-
Exhibition	**4**	**250**	**120**	**370**	**60**	**40**	**100**	**18**	**8**	**26**
Film Show	-	-	-	-	-	-	-	-	-	-
Method Demonstrations	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-
Group meetings	-	-	-	-	-	-	-	-	-	-
Lectures delivered as resource persons	-	-	-	-	-	-	-	-	-	-
Newspaper coverage	-	-	-	-	-	-	-	-	-	-
Radio talks	-	-	-	-	-	-	-	-	-	-
TV talks	-	-	-	-	-	-	-	-	-	-
Popular articles	-	-	-	-	-	-	-	-	-	-
Extension Literature	-	-	-	-	-	-	-	-	-	-
Advisory Services	-	-	-	-	-	-	-	-	-	-
Scientific visit to farmers field	-	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	**20**	**300**	**141**	**441**	**260**	**100**	**360**	**17**	**8**	**25**
Diagnostic visits	**63**	**280**	**159**	**439**	**140**	**139**	**279**	**87**	**63**	**150**
Exposure visits	-	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	**61**	**-**	**857**	**857**	**-**	**176**	**176**	**14**	**17**	**31**
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	220	1148	1489	2637	728	715	1443	247	169	416

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)	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-
Pulses	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Flower crops	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Fodder crop seeds	Co4 sets	-	-	-	-	30
Fiber crops	-	-	-	-	-	-
Forest Species	Teak, Neem, Pongam, Mahakani, Rose wood	-	-	-	-	50
Others (specify)	Ornamental Plants	-	-	-	-	15
Total	-	-	-	-	-	95

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Number	Value (Rs.)	Number of farmers to whom provided
Commercial					
Vegetable seedlings					
Fruits	Mango	Alphonsa	603	48564	20
		Immampasand	515	9270	30
		Rumani	415	7470	16
		Bangalora	295	5310	25
		Senthura	473	8514	50
		Neelam	520	9360	23
		Hybrid			
		Banagapalli	545	9818	26
		Kalapad	310	5580	10
	Sapota		339	10170	30
	Amla		747	18675	16
	Guava		158	1264	17
Ornamental plants			2095	8380	155
Medicinal and Aromatic					
Plantation					
Spices					
Tuber					
Fodder crop saplings	Fodder grass	Co3	5500	550	47
Forest Species	Teak		3400	13600	143
Others(specify)					
Total			**156525**	**156525**	**608**

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

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers			
Technical reports			
News letters			
Technical bulletins	1.SRI techniques in rice 2.Cultivation practices of Brinjal 3.Cultivation practices of Red Gram	Mr.M.Ramachandran Mr.I.Karthikeyan	200 100 100
Popular articles			
Extension literature	1.Cultivation of Co5 Onion 2.Mealy bug management in cotton 3.Inter crop in Sugarcane 4.Mushroom cultivation 5.Value added product in Banana	 Mr.M.Ramachandran Mr.I.Karthikeyan	100 150 200 300 200
Others (Pl. specify)			
TOTAL			

10.B. Details of Electronic Media Produced

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

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).

The Broad outline for the case study may be

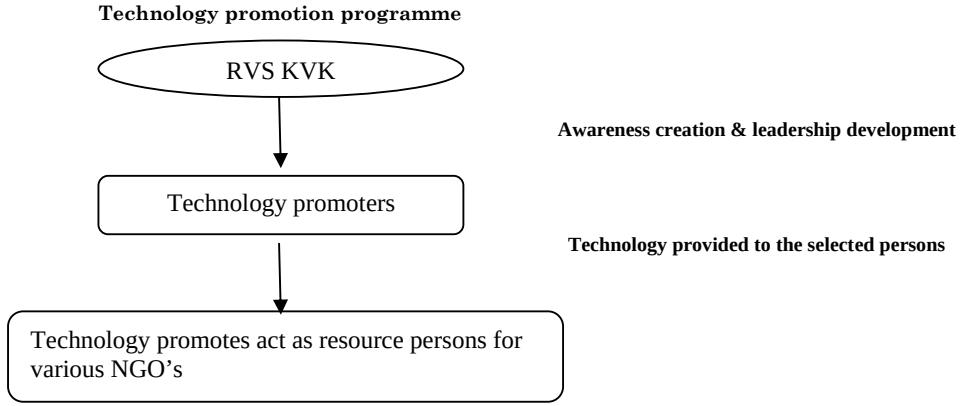
Title :
Background

Interventions
- Process
- Technology

Impact
- Horizontal Spread
- Economic gains :
- Employment Generation

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

- Our KVK adopted a strategic decision in raising the agricultural competitiveness of farmers through group approach
- Identifying 10 progressive farmers in each village who has proven record in farming system diversification, productivity, profitability and quality up gradation. Details of farmers list were collected through personal interactions with line departments, localite channels and key informants.
- Implanting the newer superior technologies through Front Line Demonstration in the earmarked field.
- Dissemination of the results obtained from FLDs through farmers fair field days, literatures and seminars.



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

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

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

Training needs are analyzed by assessing and documenting farmer's needs, perceptions, priorities and problems. We inform the villages about the field visits in advance and we make a prior plan about the field exercised and field visits are made to villages for collection of information by using PRA, group discussions, one to one discussions, social and resource mapping, transect map, Matrix ranking, seasonality map, Timeline and Venn Diagram.

S.No	Training Need Tools	Usage & Importance
1	Livelihood analysis	To identify Major economic and occupations groups of the village and their source of income
2	Questionnaire	Collecting information directly from farmers related with their need for skill up gradation or the urgency to know about an innovation
3	Time line	To get information on earlier problems experienced, coping mechanisms employed by the villagers, recurrence problems, natural calamities and turning points, establishment of various infrastructure facilities & outbreak of animal and crop diseases.
4	Ranking exercise	Ranking exercise are carried out for ranking farmers problems / training needs and to prioritize them

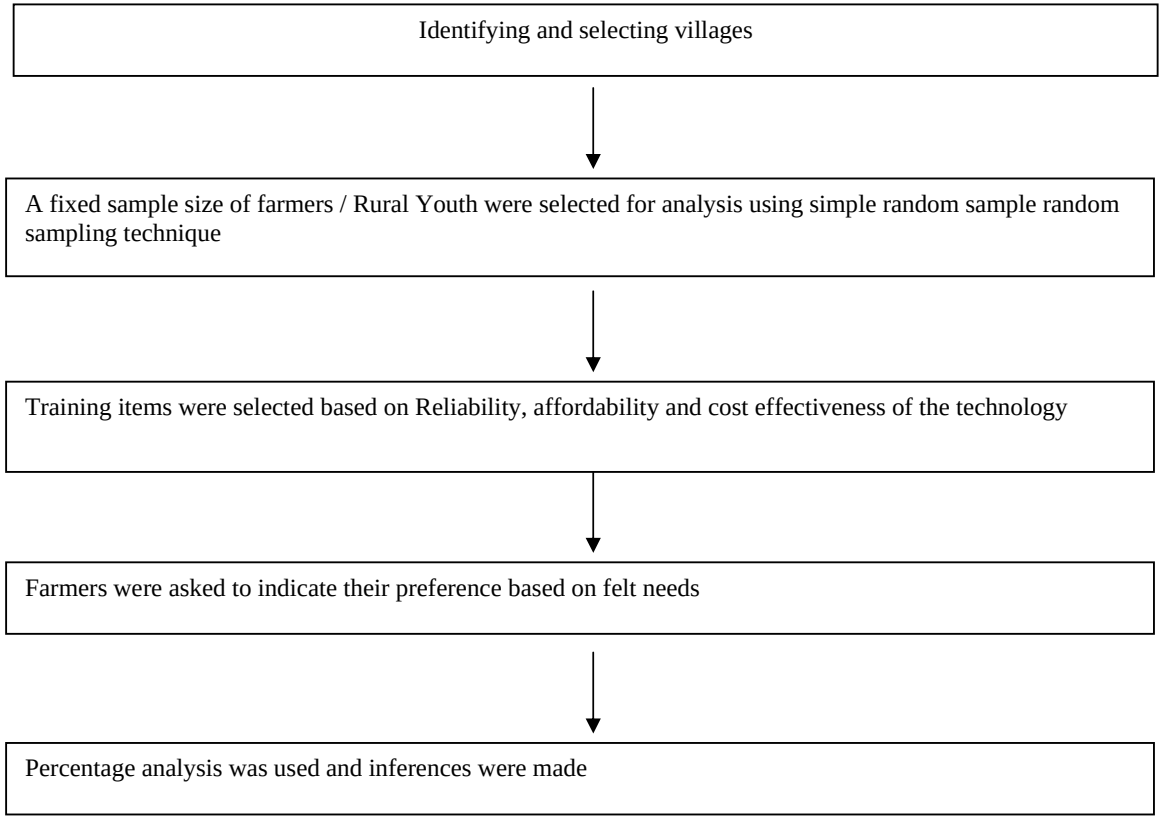
Rural Youth

S.No	Training Need Tools	Usage & Importance
1	Daily routine	To get an account of time spent by Rural Youth for various activities in a day of twenty-four hours. Data on wage earning, rest and recreations hours. Data on leisure time, which can be utilized for imparting skill for income generation.
2	Trend line	To become aware of changing trends in rural youth perception in income generation from agriculture. Assessing rural youth's readiness and interest in learning agriculture innovation.

In-service personnel

S.No	Training Need Tools	Usage & Importance
1	Participatory Rural Appraisal	For training different categories of Persons involved in the development process, government officials, NGO's , banks, donor agencies, researchers, extension agents and scientists.
2	Questionnaire method	Exhaustive data can be collected
3	Phone calls and personal contact	Quick and reliable

Methodology:



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

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel

10.G. Field activities

i.	Number of villages adopted	:	17
ii.	No. of farm families selected	:	165
iii.	No. of survey/PRA conducted	:	16

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Yes

1. Year of establishment : 15th April 2006
2. List of equipments purchased with amount

Sl. No	Name of the Equipment	Qty.	Cost
1	Electronic analytical balance	1	45000
2	Hot air oven 18 x 18 x 18”	1	15500
3	Water bath 300 x 250 x 100 mm	1	6200
4	Laboratory centrifuge	1	16000
5	Multipurpose stirrer	1	3625
6	Fine pipette fixed volume 250, 500, 1000 µl	1	10500
7	Magnetic stirrer 1 lit. With Hot plate	1	4500
8	Heating mantle 2 litres	2	1220
9	Visible spectrophotometer EI model 305E	1	57370
10	Digital flame photometer EI model 391 E	1	42200
11	Conductivity meter EI model 391 E	1	9450
12	Microprocessor Based conductivity EI model 1601	1	19900
13	Roy balances 2 kg	1	7500
14	Eco-still water double distiller borosilicate	1	31500
15	DM plant 100 Liters / Hr.	1	11000
16	Eutech cyber scan microprocessor bench pH meter	1	14000
17	Rotary flasks shaker 45 x 45 cm 0.2 HP	1	24000
18	Hot plate rectangular 45cm x 60 cm stainless steel	1	8500
19	Water & soil test kit pH, TDS, Condenser, Do Salinity Model 1160E	1	46509
20	PH meter pen type Eutech water proof	1	3806
21	Coil stove with regulator	1	1300
22	Electronic automatic kel plus Microprocessor based eight place macro block Digestion system,	1	67834
23	Chemicals and glassware	1	250000
24	Laboratory set up	1	320000
25	Petty items	1	20000
26	Soil and plant sample processing and storage facility	1	50000
27	Refrigerator	1	20000
28	Air conditioner 1.5 tones	1	22000
29	Computer with Accessories	1	46000
Total			**11,75,414**

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	-	-	-	-
Water Samples	-	-	-	-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	-	-	-	-

Details of samples analyzed during the 2010-11:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	-	-	-	-
Water Samples	-	-	-	-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	-	-	-	-

D. Animal health camps organized

State	Number of camps	No.of animals	No.of farmers
Sheep	**1**	**100**	**75**
Total	**1**	**100**	**75**

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total			

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
									4	**200**		
Total												

PART XI. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

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

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

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

Name of organization	Nature of linkage
Line department	Meeting, Training, Demonstration and workshop

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

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

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Mahalir Thittam	06.03.2001	TNWDC, Chennai	2,25,000

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?

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	Monthly meeting	Mr. S. Prabu Mr. M.Rama chanadran Mrs. N. Subbulakshmi	10	-
02	Research projects	Varietal evaluation of Red gram	Mr. S. Prabu	1	-
					-
03	Training programmes	INM ICM Value addition for vegetable & fruits	Mr. S. Prabu Mr. M.Rama chanadran Mrs. N. Subbulakshmi	11	-
					-

04	**Demonstrations**	**Field demonstrations for red gram**	**Mr. S. Prabu Miss.J. Ponni priya**	**1**	**-**
					-
05	**Extension Programmes**				**-**
	Kisan Mela				**-**
	Technology Week				**-**
	Exposure visit	**Field visit to karadikulam**	**Mr. S. Prabu Miss.J. Ponni priya**	**4**	**-**
	Exhibition				**-**
	Soil health camps				**-**
	Animal Health Campaigns	**Animal health campaigns at suradai**	**Mr. S. Prabu Miss.J. Ponni priya**	**1**	**-**
	Others (Pl. specify)				**-**
06	**Publications**	**Red gram booklet**	**Mr. S. Prabu Miss.J. Ponni priya**	**1**	
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others (Pl. specify)				
07	**Other Activities** (Pl. specify)				
	Watershed approach				
	Integrated Farm Development				
	Agri-preneurs development				

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
April 2010	20	75	-
May	18		-
June	15		-
July	16		-
August	18		-
September	20		-
October	21		-
November	10		-
December	15		-
January 2011	18		-
February	18		-
March	18		-

PART XIII - PERFORMANCE OF INFRASTRUCTURE IN KVK

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)
October 2008	10	1 month	
November 2008	35	1 day	
December 2008	40	3 days	
January 2009	35	4 day	
February 2009	55	2 days	
March 2009	22	1 days	
April 2009	23	3 days	
May 2009	30	5 days	
June 2009	41	2 days	
July 2009	40	1 days	
August 2009	32	3 days	
September 2009	20	1 days	

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	Indian overseas bank	Kadayanallur	0324	Dr.K.V.Kuppusamy	141	00002000	IOBA000324
With KVK	Indian overseas bank	Kadayanallur	0324	Dr.K.V.Kuppusamy	160,161	00002000	IOBA000324

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 – 50 ha**					
	a. Essential inputs					
	b. POL, hiring vehicle, Kisan melas, printed materials, reports, demonstration boards					
	Total					
2.	**Farm Implements – 75 ha**					
	a. New equipments					
	b. Contingencies					
	Total					

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**	40.00	40.00	36,12,505
2	**Traveling allowances**	0.75	0.75	75,000
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	2.50	2,14,358
B	POL, repair of vehicles, tractor and equipments	1.65	1.65	1,47,837
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.00	1.00	92,490
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.50	0.50	44,920
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.85	1.85	1,78,730
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.90	0.90	83,920
G	Training of extension functionaries	0.40	0.40	32,468
H	Maintenance of buildings	0.50	0.50	42,185
I	Establishment of Soil, Plant & Water Testing Laboratory	0.25	0.25	24,890
J	Library	0.05	0.40	34,057
	TOTAL (A)	**50.75**		
B. Non-Recurring Contingencies				

1	**Works**			
2	**Equipments including SWTL & Furniture**	5.30	5.30	5,30,000
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)	0.10	0.10	9,975
TOTAL (B)		5.40	-	-
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		56.15		

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	10,53274.15	265625.00	508493.00	810406.15
April 2009 to March 2010	810406.15	314525.00	305254.00	819677.20
April 2010 to March 2011	819677.20	250000.00	210000.00	859677

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
S.Prabu	SMS – Plant Protection	Integrated Farming systems for sustainable farming	Kattupakkam, Kanchipuram	**10.11.2010 to 02.11.2010**
I.Karthikeyan	SMS - Horticulture	Hi-tech Banana	GRI, Dindigul	**30.12.2010**
N.Subbulakshmi	SMS – Home science	Training cum workshop on strengthening gender perspective in agricultural research and extension	TANUVAS Chennai	**24.01.2011 to 25.01.2010**
		Recent trends in crop processing technologies	IICPT- Tanjore	**23.03.2011 to 25.03.2011**
M.Ramachandran	SMS-Agronomy	Control of Ranikhet disease in desi birds	Kundrakudi KVK	**21.01.2011**
I.Horticulture	SMS - Horticulture	Protected cultivation of Horticulture crops	TNAU, Coimbatore	**28.03.2011 & 29.03.2011**
M.Ramachandran	SMS - Agronomy	Weather based Advisory services	TNAU, Coimbatore	**30.03.2010 to 31.03.2011**
C.Ravishankar	Programme Assistant - Computer Science	Database Management and Web hosting	TNUA, Coimbatore	**29.03.2011 to 31.03.2011**

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	Chilli	Soil test based IPNS in chilli	3
	Jasmine	Study on foliar nutrient ion in jasmine	2
Varietal Evaluation	Red gram	Performance evaluation of red gram	5
	-	-	-
Integrated Pest Management	-	-	-
	-	-	-
Integrated Crop Management	-	-	-
	-	-	-
Integrated Disease Management	-	-	-
	-	-	-
Small Scale Income Generation Enterprises	-	-	-
	-	-	-
Weed Management	Paddy	Assessment of efficient mechanical weeding in SRI	5
	-	-	-
Resource Conservation Technology	-	-	-
	-	-	-
Farm Machineries	-	-	-
	-	-	-
Integrated Farming System	-	-	-
	-	-	-
Seed / Plant production	-	-	-
	-	-	-
Value addition	-	-	-
	-	-	-
Drudgery Reduction	-	-	-
	-	-	-
Storage Technique	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
	-	-	-
Total			**15**

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Disease Management	-	-	-
Evaluation of Breeds	-	-	-
Feed and Fodder management	-	-	-
Nutrition Management	-	-	-
Production and Management	Cattle	Management of post partum Anestrum in crossbreds cows	5
Others (Pl. specify)	-	-	-
Total			

Summary of technologies assessed under various enterprises

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

Summary of technologies assessed under home science

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

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
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		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals	Weed management	Varietal introduction of CoRH-3 in paddy with SRI			5	1000	1000	0				18000	42000	24000	2.3	20000	36000	16000
	INM	Micro nutrient management in maize			5	48	35	27.8				18000	48000	30000	2.6	15000	35000	20000
Vegetables	Bhendi	Popularization of bhendi variety CoBH-1			**5**	22.1	**12**	**18.5**			25000	100000	75000	4.0	30000	75000	45000	2.5
		Popularization of onion Co-5			**4**	**16**	**12**	**33.4**			48500	240000	191500	4.3	65000	180000	115000	2.7
		Varietal introduction of chillies KK 1			**3**	**8.9**	**6.9**	**37.4**			15000	20750	5750	1.3	16000	17250	1250	1.07
Fruit		Integrated crop management in Banana			**4**	**400**	**320**	**20**			80000	400000	320000	5.0	100000	320000	220000	3.2
Commercial		Management of mealy bug in cotton			**7**	**16.5**	**12**	**27.3**			25000	69300	44300	2.7	30000	50400	20400	1.7
Fodder	**ICM**	Popularization of fodder grass CO (CN)-4			5	400	300	25			25000	100000	75000	4.0	20000	50000	30000	2.5
Others (pl.specify)		Introduction of two in one model trap for pulse beetle monitoring in storage			**3**	-	-	-	-	-		-	-	-	-	-	-	-
		Farmers friendly low cost vegetable preservator			**5**	-	-	-	-	-	**2950**	-	-	-	-		-	-
		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
Poultry		Popularization of CARI Aseel / Vanaraja			10	800	650	10			50	100	50	2.1	20	25	5	1.25:1
	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

Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**	**1**	**7**	**18**	**25**	**11**	**4**	**15**	**11**	**22**	**40**
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	**1**	**10**	**7**	**17**	**5**	**5**	**10**	**15**	**12**	**27**
6	**Others (pl.specify)**	**10**	**23**	**258**	**281**	**28**	**144**	**172**	**51**	**402**	**453**
7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
8	**Farm machinery**	-	-	-	-	-	-	-	-	-	-
8.a.	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-
8.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
9.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-
10	**Livestock production and management**	-	-	-	-	-	-	-	-	-	-
10.a.	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
10.b.	Animal Disease Management	-	-	-	-	-	-	-	-	-	-
10.c	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-
10.d	Fisheries Management	-	-	-	-	-	-	-	-	-	-
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
11.	**Home Science**	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	**6**	**-**	**88**	**88**	**-**	**44**	**44**	**-**	**132**	**132**
11.b.	Economic empowerment of women	**2**	**-**	**22**	**22**	**-**	**13**	**13**	**-**	**35**	**35**
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
12	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
12.a.	Capacity Building and Group Dynamics	**1**	**30**	**18**	**48**	**15**	**12**	**27**	**12**	**18**	**30**
12.b.	Others (pl.specify)	**18**	**23**	**368**	**391**	**28**	**201**	**229**	**51**	**569**	**620**
	Total	**1**	**7**	**18**	**25**	**11**	**4**	**15**	**11**	**22**	**40**

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**	-	-	-	-	-	-	-	-	-	-
1.a.	Commercial floriculture	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial fruit production	-	-	-	-	-	-	-	-	-	-
1.c.	Commercial vegetable production	-	-	-	-	-	-	-	-	-	-
1.d.	Integrated crop management	-	-	-	-	-	-	-	-	-	-
1.e.	Organic farming	-	-	-	-	-	-	-	-	-	-
1.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
2	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Value addition	-	-	-	-	-	-	-	-	-	-
2.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
3.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-
3.a.	Dairy farming	-	-	-	-	-	-	-	-	-	-
3.b.	Composite fish culture	-	-	-	-	-	-	-	-	-	-
3.c.	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
3.d.	Piggery	-	-	-	-	-	-	-	-	-	-
3.e.	Poultry farming	-	-	-	-	-	-	-	-	-	-
3.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
4.	**Income generation activities**	-	-	-	-	-	-	-	-	-	-
4.a.	Vermi-composting	**1**	**30**	**18**	**48**	**15**	**12**	**27**	**45**	**30**	**75**
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-
4.c.	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
4.d.	Rural Crafts	-	-	-	-	-	-	-	-	-	-
4.e.	Seed production										
4.f.	Sericulture	**2**	**17**	**20**	**37**	**7**	**15**	**22**	**24**	**35**	**59**
4.g.	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
4.h.	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-
4.i.	Tailoring, stitching, embroidery, dying etc.	-	-	-	-	-	-	-	-	-	-
4.j.	Agril. para-workers, para-vet training	-	-	-	-	-	-	-	-	-	-
4.k.	Others (pl.specify)	**1**	**-**	**26**	**26**	**-**	**40**	**40**	**-**	**66**	**66**
5	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
5.a.	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	4	47	64	111	22	67	89	69	131	200

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

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**500**	**450**	**150**	-
Water	300	300	100	-
Plant	-	-	-	-
Manure	-	-	-	-
Others (pl.specify)	-	-	-	-
Total				

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted
one

IX. NEWSLETTER

Number of issues of newsletter published
3

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