



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	Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
10	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
11	Medicinal and aromatic	Open cultivation and Rainfed	January 2011	Rosemary	Ooty – 1 ( <i>Rosemarinus officinalis</i> )	-	Introduction of new crop	Popularisation of Rosemary variety Ooty-1	0.4	0.4	-	1	1	-
12	Fodder													
13	Plantation	Rainfed Max.Tem: 28°C Min.Tem: 2°C	March 2011	Tea	B/6/61	Clonal	Dolomite application for soil amendments	Demonstration on application of Dolomite in tea for soil amendments	2	2	-	5	5	-
		Rainfed Max.Tem: 28°C Min.Tem: 5°C	March 2011	Tea	B/6/61	Clonal	Weed management	Demonstration on integrated weed management in young tea	2	2	-	3	3	-
		Rainfed Max.Tem: 26°C Min.Tem: 3°C	June 2010	Tea	B/6/61	Clonal	Shear harvesting in tea	Introduction of hand operated shears to harvest green leaf.	1	0.8	-	2	2	-
		Rainfed Max.Tem: 28°C Min.Tem: 2°C	May 2010	Tea	B/6/61	Clonal	Machine pruning in tea	Demonstration of Mechanical pruning in tea	20	9.3	-	7	-	Due to poor rainfall during the first season of pruning
		Rainfed Max.Tem: 28°C Min.Tem: 0°C	January 2010	Tea	B/6/61	Clonal	Machine harvesting in tea	Use of mechanical harvester in tea	1	0.8	-	2	2	-
		Rainfed Max.Tem: 28°C Min.Tem:	January 2009	Tea	TRF-1	Clonal	Soil conservation, additional income	Planting tea in raiser under vegetable	1	0.8	-	2	2	-



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									Proposed	Actual	SC/ST	Others	Total	
		-	-	-	-	-	-	-	-	-	-	-	-	-
26	Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
27	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
28	Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
29	Implements	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
30	Others (specify)	Farm women	November 2009	Woolen knitting	-	-	Woolen knitting	Introduction of woolen knitting in villages	3	3	-	60	60	-



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	Commercial	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	
11	Medicinal and aromatic			Rosemary	Ooty – 1 ( <i>Rosemarinus officinalis</i> )	-		Popularisation of Rosemary variety Ooty-1					
		-	-	-	-	-	-	-	-	-	-	-	
12	Fodder	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	
13	Plantation	Rainfed Max.Tem: 28°C Min.Tem: 2°C	March 2011	Tea	B/6/61	Clonal	Dolomite powder application for soil amendments	Demonstration on application of Dolomite in tea for soil amendments	March 2011	pH-3.92			Tea
		Rainfed Max.Tem: 28°C Min.Tem: 5°C	March 2011	Tea	B/6/61	Clonal	Weed management	Demonstration on integrated weed management in young tea	March 2011	pH-4.2			Tea
		Rainfed Max.Tem: 26°C Min.Tem: 3°C	June 2010	Tea	B/6/61	Clonal	Shear harvesting in tea	Introduction of hand operated shears to harvest green leaf.	June 2010	pH 4.5			Tea
		Rainfed Max.Tem: 28°C Min.Tem: 2°C	May 2010	Tea	B/6/61	Clonal	Machine pruning in tea	Demonstration of Mechanical pruning in tea	May 2010	pH 4.3			Tea
		Rainfed Max.Tem: 28°C Min.Tem: 0°C	January 2010	Tea	B/6/61	Clonal	Machine harvesting in tea	Use of mechanical harvester in tea	January 2009	pH 4.5			Tea
		Rainfed Max.Tem: 28°C Min.Tem: 0°C	January 2009	Tea	TRF-1	Clonal	Soil conservation, additional income	Planting tea in raiser under vegetable cultivation to conserve soil and water	January 2009	pH 5.05			-
14	Fibre	-	-	-	-	-	-	-	-	-	-	-	
15	Enterprise	Farm women	November 2009	Woolen knitting	-	-	Introduction of machine knitting	Introduction of woolen knitting in villages	November 2009	-			

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	
16	Animal husbandry	Small scale	February 2011	Rabbit rearing	New Zealand white	-	Rabbit rearing	Popularisation of Rabbit rearing technology for rural youth to generate additional income	February 2011	-			

## 5.B. Results of Frontline Demonstrations

### 5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Millets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plantation	Demonstration on Mechanical harvester in Tea	B/6/61	Clonal	Rainfed Max.Tem: 28 <sup>o</sup> C Min.Tem: 0 <sup>o</sup> C	2	0.8	250	100	175	125	40	105000	175000	70000	1:1.7	100000	125000	25000	1:1.2



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										
	Mechanical pruning in tea	B/6/61	Clonal	Rainfed Max.Tem: 28°C Min.Tem: 0°C	7	8.8	FLD on Pruning is completed. Machine pruning in tea recorded quicker recovery of bushes than hand pruning.												
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

\*\* BCR= GROSS RETURN/GROSS COST

H – Highest Yield, L – Lowest Yield A – Average Yield