ANNUAL REPORT 2012-13

(FOR THE PERIOD APRIL 2012 TO MARCH 2013)

KRISHI VIGYAN KENDRA

DAKSHINA KANNADA DISTRICT

KARNATAKA VETERINARY, ANIMAL & FISHERIES SCIENCES UNIVERSITY, BIDAR

KRISHI VIGYAN KENDRA (D.K)

P.B. No.515, Kankanady, Mangalore -575002
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No. KVK (D.K.)/ Annual Report/2013-14 Date: 10-07-2013

To,

The Zonal Project Director
Zonal Project Directorate
Zone VIII, ICAR (TOT)
H.A. Farm Post, Hebbal,
Bangalore – 560 024.

Sir,

Sub: Submission of Annual Report for 2012-13 of Krishi Vigyan Kendra (D.K), Kankanady, Mangalore-reg.
Ref: F.No. 3-21/ZPD VIII/2012-13/30th April 2013

***

With reference to the above subject, I am herewith submitting Annual Report Krishi Vigyan Kendra (D.K), Kankanady, Mangalore for the period from **April 2012 to March 2013** for your kind information and needful.

Thanking you,

Yours faithfully,

Programme Coordinator

Copy submitted to:
The Director of Extension, KVAFSU, Nandinagar, Bidar-585 401.

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
Krishi Vigyan Kendra (D.K), Kankanady, Mangalore-575002.	Office: 0824-2431872	Fax: 0824-2430060	kvkdk@rediffmail.com	-

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

Address	Telephone		E mail	Web Address
	Office	Fax		
Vice Chancellor Karnataka Veterinary Animal & Fisheries Sciences University Nandinagar ,P.B.No.-6, Bidar-585 401	08482-245264	08482-245107	vckvafsu@yahoo.co.in dekvafsu@gmail.com	www.kvafsu.kar.nic.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. H. Hanumanthappa	-	9731845804	hhanumanthappa@rediffmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as 31st March 2013)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. H. Hanumanthappa	Programme coordinator	M	Fisheries	Ph D	37400-67000	59610/-	21-01-2006	Permanent	SC
2	SMS	Mr. Harish Shenoy	SMS	M	Agronomy	M.sc. (Agri.)Agronomy	15600-39100	21600/-	11-11-2010	Permanent	General
3	SMS	Shashikanth	SMS	M	Horticulture	M.Sc(Agri)in Horticulture	-	23000/- consolidated	02-06-2011	Work contract basis	SC
4	SMS	Ms. Shweta. B .K	SMS	F	Home Science	M.H Sc.	-	23000/- consolidated	08-11-2011	Work contract basis	General
5	SMS	Dr. T.S. Annappaswamy	SMS	M	Fisheries	Ph D.	-	24000/- consolidated	17.05.2012	Work contract basis	OBC
6	SMS	Mr. Murali R.	SMS	M	Plant Pathology	M.sc.(Plant Pathology)	-	23000/- consolidated	08-11-2012	Work contract basis	SC
7	SMS	Mr. Ramesh Babu S.	SMS	M	Soil Science	M.sc.(Soil Science)	-	23000/- consolidated	01-02-2013	Work contract basis	OBC
8	Programme Assistant(Lab Tech.)/T-4	Ms. Bhagyashree R.	Training Assistant	F	-	B. Sc. (Agri)	-	9300/- consolidated	18-12-2012	Work contract basis	SC
9	Programme Assistant (Computer)/ T-4	Mr. Sathisha Naik K.	Prog.Assistant (Computer)	M	-	B.Com. ADCST (Computer)	9300-34800	14330/-	24-01-2011	Permanent	ST
10	Programme Assistant/ Farm Manager	Mr. Someshekar S.K.	Farm Manager	M	-	B. Sc. (Agri)	-	9300/- consolidated	11-12-2012	Work contract basis	OBC
11	Assistant	Bhavya	Assistant	F	-	B.Com.	-	15900/- consolidated	26.10.2011	Work contract basis	OBC
12	Jr. Stenographer	Deepa	Stenographer	F	-	B.Com.	-	15900/- consolidated	02-11-2011	Work contract basis	OBC
13	Driver	Mr. Keshava	Jeep Driver	M	-	SSLC	-	11500/- consolidated	28-11-2011	Work contract basis	OBC
14	Driver	-	Tractor Driver	-	Vacant	-	-	-	-	-	-
15	Supporting staff	Mr. Ashwith	-	M	-	SSLC	-	10300/- consolidated	22-10-2011	Work contract basis	OBC
16	Supporting staff	Mr. Vidyavathi	-	-	Vacant	PUC	-	9500/- consolidated	21-10-2011	Work contract basis	SC

1.6. Total land with KVK (in ha) : 25.99ha.

S. No.	Item	Area (ha)
1	Under Buildings	2.0
2.	Under Demonstration Units	0.11
3.	Under Crops	6.89
4.	Orchard/Agro-forestry	-
5.	Others	16.99
	Total	**25.99**

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.in lakhs)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	24-11-2007	550	42.25	-	-	-
2.	Farmers Hostel	ICAR	24-11-2007	300	35.72	-	-	-
3.	Staff Quarters (06)	ICAR	24-11-2007	400	32.35	-	-	-
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1. Fisheries	ICAR	20-02-2007	80	1.75	-	-	-
	2. Horticulture	ICAR	12-05-2008	260	2.0	-	-	-
	3 -							
	4 -							
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-

B) Vehicles AS ON 31-03-2013

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero DI Jeep	2004	5,00,000	2,21,333 kms.	Good condition
M.F. Tractor 1035	2005	5,00,000	287 hrs.	Good condition
Hero Honda (Bike)	2006	40,000	27,111 kms.	Good condition
Aviator	2009	50,000	18,905 kms.	Good condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Sprayers	2005	2,640.00	Good
Power sprayer	2008	4,800.00	Good
Drum Seeder & Cona weeder	2005	2,600.00	Good
Paddy Planting Marker	2005	1,350.00	Good
Xerox Machine	2006	75,000.00	Good
Computer & Accessories	2006-07	98,890.00	Good
Weed cutter	2008	13,000.00	Good
Generator	2011	99,955.00	Good
EPBX	2011	49,455.00	Good
Power tiller	2011	1,50,000.00	Good
Milking Machine	2012	24961.00	Good
AV aids			
Digital Camera	2006	20,000.00	Good
Magnetic White Board	2008	3,800.00	Good
Desktop HP-Pavilion 6710in INTEL DUAL CORE	2011	30,900.00	Good
LAPTOP HP PAVILION DV6-3120TX	2011	37500.00	Good
UPS Frontech 800 Va.	2011	3000.00	Good

1.8. Details SAC meeting conducted in 2012-13:

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1.	29-06-2012	34	6	Conduct one interface meeting with Development Departments before pre review Action Plan and after finalizing Action Plan of KVK	The officers of the Development Departments have been apprised about the action plan 2013-14 during the Bimonthly workshop at ZARS Brahmavar on 14-02-2013 and their suggestion have been duly incorporated in the pre review action plan.
2				Popularize latest technologies in fisheries in the form of FLDs	A total of 2 FLDs showcasing latest technologies in Fisheries have been included in the Action plan 2013-14
3				Cross learning of KVKs utilizing the expertise and technology developed at KVKs of neighboring districts of Kasargod, Udupi etc.	The Scientist have visited the KVK Kasargod, Udupi and Kannur & have interacted with the scientists
4				Conduct self employment vocational training programmes for the benefit of youth to attract them to Agriculture	One Vocational Training programme for the Youths named "Friends of Coconut Tree" has been conducted on coconut climbing using palm climbing Device in association with Coconut Development Board Bangalore. Two more programmes are planned before 31-03-2013.
5				Provide technical backup and expertise of KVK scientists for all training programmes of the Agricultural Department.	The KVK Scientists are regularly participating as resource persons and providing technical backup to the Development Departments
6				Take up a model sheep and goat rearing demonstration unit at KVK	The university (KVAFSU Bidar) has already submitted a proposal to Zilla Panchayath Dakshina Kannada for financing the establishment of a model Diary farm in KVK and the proposal is under active consideration. A model sheep and goat rearing unit would also be established along with model Diary farm
7				Publish the technologies developed in the form of booklet/leaflets/bulletins etc.	During the Year 2012-13, seven books and bulletins have been published
8				Provide training of SHGs and empower them to form commodity group	Already one SHG group on machinaries has been formed under motivation and guidance of KVK. Attempts are under way to form a commodity group of SHG on Ragi malt. Trainings have been provided to the women SHG groups in this regard.
9				Create awareness among the school children about agriculture.	Under Sarva Shikashana Abhiyan programmeof state education Department school children of the District visited KVK under Krishi Darshan Programme. The students were briefed about importance of Agriculture
10				Create awareness about SRI method of Paddy Cultivation through training programmes	Training programmmes have been conducted and one FLD on SRI method has been implemented during the year 2012-13

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.	Cereals	:	Paddy
	Pulses	:	Black gram, Green gram, Cowpea and Horse gram
	Oil Seeds	:	Sesamum
	Vegetables	:	Brinjal, Bhendi, Vegetable cowpea, Ash gourd, Basella, Amorpophallus Sweet potato and cucumber
	Fruits	:	Banana, Pineapple, Jackfruit and Mango
	Plantation Crops	:	Arecanut, Coconut, Cashew, Pepper, Rubber, Vanilla and Cocoa
	Flower Crops	:	Jasmine
	Animal Husbandry	:	Dairy, Piggery, Poultry and Fisheries

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

S. No	Agro-climatic Zone	Characteristics
1	Coastal Zone, Zone 10	Krishi Vigyan Kendra, Dakshina Kannada, Kankanady, Mangalore is situated in the Coastal Zone No-10 with an operational area of five Taluks viz., Mangalore, Bantwal, Belthangady, Puttur and Sullya. The total Geographical area of the district is 4770 sq. km. The district has 130833 ha of net cultivable area mainly dependent on rainfall.

S. No	Agro ecological situation	Characteristics
1	Coastal Zone, Zone 10	The annual average rainfall is **2984.20** mm. This district receives rainfall between May and October with heavy rainfall during the month of June, July, and August. Recorded maximum temperature of 39.9^{o}C during the months of June and minimum temperature of 20.0 ^{o}C during the month of December The soil in the major portions of the district consists of three types, viz. coastal sandy alluvial, laterite and red loamy soil. Apart from this, coastal saline soil is also noticed in some parts of the district owing to the proximity to sea or backwater. Soils are low in CEC and acidic in condition. The PH of the soil ranges from 5.3 to 5.8 with low soluble salt content. The major nutrient status of the soil is varying from medium to low. The major crops grown in the districts are Paddy, Arecanut, Coconut, Cashew, Rubber, Pepper, Cocoa and Banana. In some parts of the district, pulses like Black gram, Green gram, oilseeds like Sesamum and vegetables like cucumber, Bhendi, Chilli, Brinjal Bitter gourd, Ash gourd, Little gourd and Spinach are grown during Rabi/ Summer season.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Coastal sands, Alluvial, Laterite and Red loamy soil	Soils are low in CEC and acidic in condition. The PH of the soil ranges from 5.3 to 5.9 with low soluble salt content. The major nutrient status of the soils is varying from medium to low.	130833

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	54633.00	12973.00	2544.00
2.	Black gram	1861.00	499.00	499.00
3.	Green gram	764.00	216.00	269.00
4.	Horsegram	58.00	10.00	390.00
5.	Cowpea	559.00	137.00	263.00
6.	Sesamum	622.00	314.00	390.00
7.	Arecanut	27092.00	230815.00	1802.00
8.	Coconut	16023.00	133427.00	8327.00
9.	Pepper	-	8724.00	359.00
10.	Cashew	29382.00	18808.00	192.00
11.	Cocoa	929.00	4925.00	530.00
12.	Pineapple	442.00	2855.00	60980.00
13.	Jack Fruit	930.00	40260.00	43290.00
14.	Banana	3135.00	78140.00	24925.0
15.	Ginger	-	-	-
16.	Rubber	10392.00	18706.00	1800.00
17.	Vegetables	1976.51	4452.50	12370.00
18.	Jasmine	67.00	457.00	7040.00

* Source: Statistical Department, Dakshina Kannada (Year: 2010-11), Dept. of Agriculture & Horticulture-2012-13

2.5. Weather data (Year: April 2012-March 2013)

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
April-12	57.9	33.0	22.1	68.4
May-12	10.3	33.5	21.8	58.6
June-12	870.8	39.9	20.9	76.2
July-12	594.5	30.3	20.9	78.1
August-12	955.0	29.7	20.5	76.0
September-12	300.8	30.1	20.7	74.6
October-12	125.2	30.5	20.9	73.0
November12	69.7	30.2	20.8	69.0
December-12	-	24.8	20.0	66.4
January-13	-	-	29.8	67.0
February-13	-	34.1	30.6	65.9
March-13	-	31.2	30.6	67.2
	2984.20	-	--	-

Source: HRS, Ullal, Mangalore

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

Category	Population	Production	Productivity
Cattle			
Crossbred	166771	-	-
Indigenous	229838	-	-
Buffalo	15119	-	-
Sheep			
Crossbred	-		
Indigenous	307	-	-
Goats	25749	-	-
Pigs exotic	159		
Crossbred	2726	-	-
Indigenous	2447	-	-
Rabbits	1000	-	-
Poultry	1322880		
Hens	-	-	-
Desi	-	-	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	-	**135813.17 t**	-
Marine	-		-
Inland	-		-
Prawn	-		-
Scampi	-		-
Shrimp	-		-

* Source: Statistical Department, Dakshina Kannada 2010-11

2.7 District profile has been prepared and submitted : YES

2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Mangalore	-	Tenkamijar Mudumarnadu	2010-11 2011-12 2012-13	Paddy, Arecanut, Coconut, Pepper, Cashew, Banana, Vegetables, Jasmine	Non adoption of HYVs Imbalanced nutrient application Soil acidity Pest and Diseases	• Introduction of high yielding varieties • Integrated Nutrient Management Approaches • Acid Soil Management • Integrated Pest & disease Management
2.	Bantwal	-	Bantwal Kasba Rayee Golthamajalu	2011-12 2012-13	Paddy, Arecanut, Coconut, Pepper, Banana, Vegetables, Jasmine	Labour Scarcity Lack of knowledge on management of pest and diseases	• Integrated Nutrient Management Approaches • Mechanisation • Integrated pest management approaches

3.	Puttur	-	Kaniyoor	2012-13)	Arecanut, Coconut, Pepper, Banana, Vegetables, Jasmine, Cashew, Cocoa, Rubber,	• Soil acidity • Imbalanced Nutrient application • Non adoption of HYVs • Untimely application of pesticides	• Soil reclamation • Introduction of high yielding varieties • Integrated Nutrient Management Approaches • Plant protection
4.	Belthangady	-	Nada Kajoor Hosangady Kuthlur	2010-11 2011-12	Paddy, Arecanut, Coconut, Pepper, Banana, Vegetables, Jasmine, Cashew, Cocoa, Rubber, Fodder	• Imbalanced nutrient Application Improper water management • Soil acidity • Lack of knowledge on management of pest and diseases	• Introduction of high yielding varieties • Integrated Nutrient Management Approaches • Plant protection
5.	Sullia	-	Kumabru	2012-13	Arecanut, Coconut, Pepper, Cassava Vegetables, Jasmine, Cashew, Cocoa, Rubber	• Imbalanced nutrient application • Lack of Knowledge on HYV	• Integrated Nutrient Management Approaches • Integrated pest management approaches • Introduction of HYV

2.9 **Priority thrust areas**

S. No	Thrust area
1.	Mechanization in Agriculture
2.	Integrated crop management practices
3.	Integrated pest and disease management approaches
4.	Acid Soil reclamation
5.	Introduction of High Yielding Varieties
6.	Value addition to Agriculture and Horticulture produces
7.	Storage of seeds
8.	Post harvest technology
9.	Fish culture in farm ponds
10.	Introduction of improved poultry birds for backyard rearing/piggery/rabbit
11.	Livestock management and introduction of fodder crops

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
05	04	39	39	25	24	300	286

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
80	81	3000	3159	2000	2692	6000	6174

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
-	MO4 Paddy Seed : 337 Kg.	Jasmine Plants= 4000 No.	Jasmine plants 3950 No.
-	MO4 Paddy Bulk : 5570 Kg.		
Paddy -50 Q	60 Q (2012-13)		

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Swarnadhara birds = 500 No.	Swarnadhara = 396 No.	Trichoderma = 100 Kg	Trichoderma = 46.00 Kg.
Milk = 10000 Ltr.	Milk = 9890 Ltr	Vermi compost = 175 Kg.	Vermi compost = 146 Kg.
Pig = 30 Nos	Pig =24 Nos		

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

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg.
1	ICM in pulses & Oil seeds	• Sesamum • Blackgram	•Lack of knowledge on utilization of residual moisture •Utilisation of paddy fallows with legume coppings for soil fertility	-	• Production technology of Sesamum	01	--	---	--	--	--	--	-	-
					• Production technology of Blackgram	01	-	-	--	--	-	-	-	1.5
2	ICM in paddy	Paddy	•Improper nutrient management	-	• ICM in paddy	01	-	-	Field days-01	-	-	-	-	-
		Paddy	•Labour scarcity	-	• Mechanisation in paddy	05	-	-	Field days-01	-	-	-	-	-
		Paddy	•Water scarcity and low yield.	-	•SRI Method	-	-	-	Field days-01	-	-	-	-	-
		Paddy	Improper soil management	-	• Acid Soil Management	01	-	-	Field days-01	-	-	-	-	-
		Padddy	Improper storage methods	-	• Storage of Paddy using Metal Bins.	01	-	-	-	-	-	-	-	-

3.	IPDM	• Arecanut	Lack of awearness about soil fertility	• Split application of Potassium	• management of Inflorescence die back in Arecanut • Management of Koleroga Disease in Arecanut • Root grub management in Arecanut • Integrated nutrient Management in Arecanut	05	-	-	-	-	-	-	-	-
4.	Scientific crop management for high yields	Banana	lack of proper management practices	-Bunch Feeding in Banana	• Integrated crop management in Banana	02	-	-	-	-	-	-	-	-
5	Scientific crop management for high yields	Cassave	lack of proper management practices		• HYV of Cassava	01	-	-	-	-	-	-	-	-
6	Pest management	Cashew	Lack of knowledge on Pest management		• Management of Tea mosquito Bug									
7	• Disease management • Post harvest loss	Pepper	Lack of knowledge on disease management Lack of knowledge on post harvest processing of pepper		• Management of quick wilt in pepper • Processing of pepper using solarization technique	02	-	-	-	-	-	-	10	-
8.	• Nutrient Management • Pest & Disease Management	Jasmine	• Poor nutrient management & Pest & Disease Management	-	• Integrated crop management in Jasmine	01	-	-	-	-	-	-	-	-
9.	• Nutrient Management	Ridge gourd	• Poor nutrient management practices	• Nutrient Management in ridge gourd	-	01	-	-	-	-	-	-	-	-

10.	• Nutrient Management	Bitter gourd	• Poor nutrient management practices	• Nutrient Management in bitter gourd	-	01	-	-	-	-	-	-	-	-
11	IPDM	Coconut	Lack of pest management		Management of Rhinocerous beetle.	01	-	-	-	-	-	-	-	-
12.	• Fish culture	Fisheries	Lack of knowledge on polyculture of fish and prawn Lack of knowledge on Integrated farming systems Improper fertilization of fish ponds Lack of knowledge on stocking of quality and quantity of fish seeds	-	Polyculture of fish and prawn Integration of Fish with Pig farming Utilization of weed infested farm ponds/ tanks for Polyculture of fish Poly culture of Fish with Desirable fish species. (80:20 Pond fish farming)	-	-	-	-	-	-	Catla-1200 Rohu-800 Prawn-4000 Catla-1200, Rohu-900, C.Carp-900, Pig lets-9 S. Carp - 800, G. Carp - 800, C.Carp – 2400 Catla-1600 Rohu-1600 S. Carp - 800,	-	-
13.	Rearing of improved poultry birds	Poultry	Popularization of variety	-	Backyard rearing of Swarnadhara Poultry Chicks using locally available ingredients	-	-	-		-	-	Birds-300	-	-
14	Non inclusion of green fodder in dairy feed	Dairy	Popularization of variety	-	Popularization of Co-4 fodder	01	-	-	-	-	100 cuttings / farmer			

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	Split Application of Potassium	UAS, Bangalore and Dharwad.	Arecanut	01	-	02	-
2	Banana Bunch feeding with cow dung slurry and nutrient mixtures	UAS and IIHR, Bangalore	Banana	01	-	01	-
3	Nutrient Management in Ridge gourd	UAS, Bangalore and KAU Thrissur	Ridge gourd	01	-	01	-
4	Nutrient Management in Bitter gourd	UAS, Bangalore and KAU Thrissur	Bitter gourd	01	-	01	-
5	Management of Bhendi yellow vein mosaic virus disease	UAS, Bangalore and Dharwad.	Bhendi	-	-	-	-
6.	Integrated Crop Management in Paddy	UAS Bangalore	Paddy	-	01	01	Field Days=01
7	Acid Soil Management in Paddy	UAS Bangalore	Paddy	-	01	01	Field Days=01
8	Integrated Nutrient Management in Arecanut	UAS Bangalore	Arecanut	-	01	01	-
9	Koleroga Disease Management in Arecanut	UAS Bangalore	Arecanut	--	01	01	-
10	Root grub management in Arecanut	UAS Bangalore	Arecanut	-	01	01	-
11	Integrated Crop Management in Jasmine	UAS Bangalore	Jasmine	-	01	01	-
12	Cultivation of HYV of Cassava	CTCRI Trivandrum	Cassava	-	01	02	Field Days=01
13	Polyculture of fish and prawn	UAS Bangalore	Fisheries	-	01	01	-
14	Poly culture of fish with desirable fish species (80:20 pond fish farming)	American Soyabean Association	Fisheries	-	01	01	-
15	Utilization of weed infested farm ponds /tanks for Polyculture of fish.	UAS Bangalore	Fisheries	-	01	01	-
16	Integration of fish with pig farming	KVAFSU Bidar	Fisheries	-	01	02	-
17	Quick wilt management in pepper	UAS Bangalore	Pepper	-	01	01	-
18	Integrated Crop Management in Banana	UAS Bangalore	Banana	-	01	01	-
19	Mechanization in paddy	UAS Bangalore	Paddy	-	01	03	Field Days=01
20	SRI Method of Paddy cultivation	UAS Bangalore	Paddy	-	01	02	Field Days=01
21	Management of Tea Mosquito Bug in Cashew	UAS Bangalore	Cashew	-	01	01	-
22	Production technology of HVY of Sesamum Navile-1	UAS Bangalore	Sesamum	-	01	01	-

23	Production technology of Black Gram	UAS Bangalore	Blackgram		01	01	-
24	Cultivation of CO-4 fodder	TNAU	Dairy		01	01	-
25	Management of inflorescence die back in Arecanut	UAS Bangalore	Arecanut		01	01	-
26	Storage of paddy using Metal Bin	UAS Bangalore	Paddy		01	01	-
27	Drying of pepper using solarization technique	UAS Bangalore	PHT		01	01	-
28	Management of Rhinocerous beetle in Coconut	UAS Bangalore	IPDM		01	01	-
29	Backyard rearing of Swarnadhara Poultry Chicks using locally available ingredients	KVAFSU Bidar	Poultry		01	01	-
30	Culture of seabass (*Lates calcarifer*) in brac kish water ponds	CMFRI	Fisheries		-	-	-

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
09	***10***	***11***	***12***	***13***	***14***	***15***	***16***	***17***	***18***	***19***	***20***	***21***	***22***	***23***	***24***
08	00	04	01	-	-	-	-	16	02	00	00	-	-	-	-
04	01	00	00	-	-	-	-	24	01	00	00	-	-	-	-
07	03	00	00	-	-	-	-	21	03	00	00	-	-	-	-
06	02	02	00	-	-	-	-	23	02	00	00	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	07	02	02	01	09	06	02	03	18	05	06	02
	-	-	-	08	00	01	01	09	06	02	03	17	02	05	03
-	-	-	-	05	03	02	01	16	04	00	00	-	-	-	-
-	-	-	-	15	04	04	01	17	01	05	01	-	-	-	-
-	-	-	-	08	00	02	00	16	04	00	00	-	-	-	-
-	-	-	-	06	10	01	03	04	10	02	05	-	-	-	-
-	-	-	-	05	-	-	-	17	02	03	00	15	05	00	00
-	-	-	-	03	01	00	00	10	00	04	00	-	-	-	-
-	-	-	-	01	03	00	00	31	03	00	00	-	-	-	-
-	-	-	-	04	00	00	00	51	04	00	00	-	-	-	-
-	-	-	-	03	00	00	00	42	26	00	00	-	-	-	-
-	-	-	-	11	00	00	00	23	00	00	00				

-	-	-	-	04	01	00	00	23	00	00	00				
-	-	-	-	18	01	01	00	93	30	37	24	06	10	02	02
-	-	-	-	13	00	00	00	13	0	03	0	13	06	02	00
-	-	-	-	10	03	02	00	15	03	02	00	-	-	-	-
-	-	-	-	10	00	02	00	12	00	00	00	-	-	-	-
-	-	-	-	11	00	02	00	14	03	01	02	-	-	-	-
-	-	-	-	07	01	04	01	15	05	01	01	-	-	-	-
-	-	-	-	15	00	02	00	15	03	02	00	-	-	-	-
-	-	-	-	00	10	00	00	10	00	00	00	-	-	-	-
-	-	-	-	00	10	00	00	00	10	00	00	-	-	-	-
-	-	-	-	08	01	01	00	08	01	01	00	-	-	-	-
-	-	-	-	20	06	03	01	22	07	05	01	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	02	01	-	01	-	04
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	-	-	-	-	**02**	**01**	**-**	**01**	-	-

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

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: Nil

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

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

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

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha
Integrated Nutrient Management	Ridge gourd	Nutrient Management in Ridge gourd	10	10	2.0
	BitterGourd	Nutrient Management in Bittergourd	10	10	2.0
	Banana	Bunch feeding of Banana	05	05	1.0
	Arecanut	Split Application of Potassium	10	10	2.0
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			**35**	**35**	**7.0**

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

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha
Integrated Nutrient Management	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	-	-	-	-	-
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.B.3. Technologies assessed under Livestock and other enterprises: Nil

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				
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total				

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

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	-	-	-	-
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total	-	-	-	-

4. C1. Results of Technologies Assessed
Results of On Farm Trial
1. Split Application of Potassium in Arecanut

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
Arecanut	Rain fed / Protective irrigation	Leaching loss of potassium due to high rainfall	Split Application of Potassium in Arecanut	10	T_1=FYM-10kg, NPK-15:15:15 = 1kg per plant /year February, May-June and September -October.	No. of bunches/plant	T_1=3 T_2=4 T_3=5	35.1% increase in yield over farmers practice (UAS,D)	Spilt application of potassium increases the yield and reduces the disease incidence	-	-
					T_2=FYM-20kg NPK=150:60:210 g/plant for improved varieties NPK=100:40:140 g/plant for local varieties UAS(B)	No. of Nuts/bunch	T_1=135 T_2=140 T_3=150				
					T_3= FYM-20kg NPK=150:60:230 g/plant for improved varieties NPK=120:40:160 g/plant for local varieties. Potash applied in three splits based on soil test values at January-February, May-June and September -October. UAS(D)	Dry weight/nut (gm)	T_1=8 T_2=9 T_3=10				
						Yield (qtl./ha.)	T_1=28 T_2=34 T_3=38				

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 Practice	28	qtl./ha.	202000	2.06
Technology option 2	UAS, Bangalore	34	qtl./ha.	301000	2.72
Technology option 3	UAS, Dharwad	38	qtl./ha.	352000	2.95

2. Banana Bunch feeding with cow dung slurry and nutrient mixtures

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
Banana	Rain fed / Protective irrigation	Leaching loss of nutrients due to heavy rain results in yield loss.	Banana bunch feeding with cow dung slurry and nutrient mixture	5	T1-Technology option-1 (Farmers practice) FYM-10kg, NPK-15:15:15 = 1kg per plant /year	Average fingers length (cm)	T_1=13.2 T_2=15.4 T_3=16.6	25% increases yield over farmer practices	Use of dung slurry and nutrient mixture increases bunch size and yield	-	-
					T2-Technology option-2 FYM-20kg NPK=200:100:300 g/plant	Average fingers diameter	T_1=10.4 T_2=11.7 T_3=13.0				
					T3- Technology option-3 FYM-20kg NPK=200:100:300 g/plant (UAS,B) +[½ kg Cow dung slurry + 7.5 gm Urea + 7.5 gm SOP per bunch	Bunch weight (kg)	T_1=25 T_2=28 T_3=31				
						Yield (t/ha)	T_1=28 T_2=33 T_3=38				

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)	Famers practice	28	t/ha	118500	-
Technology option 2	UAS Bangalore	33	t/ha	142650	17.85
Technology option 3	IIHR Bangalore	38	t/ha	149000	25.00

3. Nutrient Management in Ridge gourd

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
Ridge gourd	Rain fed / Protective irrigation	Poor Nutrient management	Nutrient Management in Ridge gourd	10	T_1= Application of DAP 100 kg/ha at the time of sowing and 50 kg urea after 35 days	Weight of fruits (Kg/plant)	T_1=0.50 T_2=0.61 T_3=0.64	37.10% increase in yield over farmers practice	Application of potassium resulted in higher yield and fruit size	-	-
					T_2= NPK 50:50:0 kg/ha in 2 splits + FYM 25 t/ha	No. of fruits/plant	T_1=11.96 T_2=14.76 T_3=15.51				
					T_3= NPK: 75:25:25 kg/ha in 2 splits+ FYM 25 t/ha.	Yield (t./ha.)	T_1=6.01 T_2=7.98 T_3=8.25				

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)	Farmer's practice	6.01	t/ha	37734	1.93
Technology option 2	UAS, Bangalore	7.98	t/ha	53825	2.07
Technology option 3	RARS Pilikode Kasargod KAU	8.25	t/ha	56913	2.13

4.Nutrient Management in Bitter gourd

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
Bitter gourd	Rain fed / Protective irrigation	Poor Nutrient management	Nutrient Management in Bitter gourd	10	T_1= FYM 1.5-2 t/ha, DAP 25 kg/ha as basal dose, urea 50 kg/ha as top dressing and applying burnt soil before planting	• Weight of fruits (Kg/plant)	T_1=0.18 T_2=0.26 T_3=0.31	48.24% increase in yield over farmers practice	Application of potassium resulted in higher yield and fruit size and better keeping quality	-	-
					T_2= FYM 18 t/ha., NPK 63:50:0 kg/ha.	• No. of fruits/plant	T_1=10.95 T_2=11.86 T_3=14.99				
					T_3= FYM 20 t/ha, NPK 70:25:25 kg/ha. in two splits	• Yield (t./ha.)	T_1=5.31 T_2=6.66 T_3=7.88				

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)	Farmer's practice	5.31	t/ha	42285	2.12
Technology option 2	UAS, Bangalore	6.66	t/ha	57220	2.33
Technology option 3	RARS Pilikode Kasargod KAU	7.88	t/ha	72745	2.59

5. Management of Yellow Vein Mosaic in Bhendi

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
Bhendi	Rain fed / Protective irrigation	Yellow vein mosaic disease causes 20-30% yield loss	Management of yellow vein mosaic in bhendi	5	T_1= No management has been followed T_2= Spraying of imidacloprid 17.80SL @ 0.5 ml per lit T_3= Sanitation and seed treatment with imidacloprid 5 ml per kg, Spraying of imidacloprid 17.80SL @ 0.5 ml per lit	% disease incidence Yield(qtl/ha)	OFT was not conducted due to concerned SMS post vacant & lapse of season when new incumbent took charge of the post				

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)	-	-	-	-	-
Technology option 2	UAS, Bangalore	-	-	-	-
Technology option 3	UAS, Dharwad	-	-	-	-

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

01. Spilt Application of Potassium in Arecanut

1.	Title of Technology Assessed	Spilt Application of Potassium in Arecanut
2.	Problem Definition	Leaching of nutrient due to heavy rain
3.	Details of technologies selected for assessment	T_1=FYM-10kg, NPK-15:15:15 = 1kg per plant /year T_2=FYM-20kg NPK=150:60:210 g/plant for improved varieties NPK=100:40:140 g/plant for local varieties T_3= FYM-20kg NPK=150:60:230 g/plant for improved varieties NPK=120:40:160 g/plant for local varieties. Potassium applied in three splits based on soil test values at January-February, May-June and September -October.
4.	Source of technology	T_1=Farmers practice, T_2=UAS, Bangalore, T_3=UAS, Dharwad
5.	Production system and thematic area	Rainfed/Irrigated ,Split application of Potassium
6.	Performance of the Technology with performance indicator	35.71% increased in the yield over farmers practice
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Spilt application of potassium increases the yield and reduces the disease incidence
8.	Final recommendation for micro level situation	Potassium applied in three splits at January-February, May-June and September - October.
9.	Constraints identified and feedback for research	Farmers appreciated the technology and desired to adopt the same
10.	Process of farmers participation and their reaction	

02. Banana Bunch feeding with cow dung slurry and nutrient mixtures

1.	Title of Technology Assessed	**Banana Bunch feeding with cow dung slurry and nutrient mixtures**
2.	Problem Definition	Leaching loss of nutrients due to heavy rain and light texture soils result in yield loss
3.	Details of technologies selected for assessment	T_1= (Farmers practice) FYM-10kg, NPK-15:15:15 = 1kg per plant /year T_2=. FYM-20kg NPK=200:100:300 g/plant T_3= FYM-20kg NPK=200:100:300 g/plant (UAS,B) +[½ kg Cowdung slurry + 7.5 gm Urea + 7.5 gm SOP per bunch
4.	Source of technology	$T_{1=}$ Farmer's practice, T_2=UAS, Bangalore, T_3= IIHR Bangalore
5.	Production system and thematic area	Protective irrigation
6.	Performance of the Technology with performance indicator	25% increases in yield over farmer practices
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Use of dung slurry and nutrient mixture increases bunch size and yield
8.	Final recommendation for micro level situation	**Application of NPK and dung slurry with micro nutrient increase**
9.	Constraints identified and feedback for research	-
10.	Process of farmers participation and their reaction	-

03. Nutrient management in Ridge gourd

1.	Title of Technology Assessed	**Nutrient management in Ridge gourd**
2.	Problem Definition	Low yield, Improper / Imbalanced nutrient management & lack of knowledge on management of potash in Ridge gourd
3.	Details of technologies selected for assessment	T_1= Application of DAP 100 kg/ha at the time of sowing and 50 kg urea after 35 days T_2= NPK 50:50:0 kg/ha in 2 splits + FYM 25 t/ha T_3= NPK: 75:25:25 kg/ha in 2 splits + FYM 25 t/ha.
4.	Source of technology	$T_{1=}$ Farmer's practice, T_2=UAS, Bangalore, T_3= KAU
5.	Production system and thematic area	Irrigated (Paddy fallows)
6.	Performance of the Technology with performance indicator	37.10% increase in yield over farmers practice
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Application of potassium resulted in higher yield and fruit size
8.	Final recommendation for micro level situation	Application of potassium in ridge gourd
9.	Constraints identified and feedback for research	-
10.	Process of farmers participation and their reaction	Farmers appreciated the technology and desired to adopt the same

04. Nutrient management in Bitter gourd

1.	Title of Technology Assessed	**Nutrient management in Bitter gourd**
2.	Problem Definition	Improper and imbalanced nutrient management
3.	Details of technologies selected for assessment	T_1= FYM 1.5-2 t/ha, DAP 25 kg/ha as basal dose, urea 50 kg/ha as top dressing T_2= FYM 18 t/ha.,NPK 63:50:0 kg/ha. T_3= FYM 20 t/ha, NPK 70:25:25 kg/ha. in two splits
4.	Source of technology	T_1= Farmer's practice, T_2=UAS, Bangalore, T_3= KAU
5.	Production system and thematic area	Management of potash
6.	Performance of the Technology with performance indicator	48.24% increase in yield over farmers practice
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Application of potassium resulted in higher yield and fruit size
8.	Final recommendation for micro level situation	Application of potassium @ 25 kg./ha. in two splits along with N & P
9.	Constraints identified and feedback for research	-
10.	Process of farmers participation and their reaction	Farmers appreciated the technology and desired to adopt the same

05. Management of yellow vein mosaic in Bhendi

1.	Title of Technology Assessed	**Management of yellow vein mosaic in bhendi**
2.	Problem Definition	Yellow vein mosaic disease causes 20-30% yield loss
3.	Details of technologies selected for assessment	T_1= No management has been followed T_2= Spraying of imidacloprid 17.80SL @ 0.5 ml per lit T_3= Sanitation, seed treatment with imidacloprid 5 ml per kg,Spraying of Imidacloprid 17.80SL @ 0.5 ml per lit
4.	Source of technology	T_1=Farmers practice, T_2=UAS, Bangalore, T_3=UAS, Dharwad
5.	Production system and thematic area	OFT was not conducted due to concerned SMS post vacant & lapse of season when new incumbent took charge of the post
6.	Performance of the Technology with performance indicator	
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	
8.	Final recommendation for micro level situation	
9.	Constraints identified and feedback for research	
10.	Process of farmers participation and their reaction	

4. D1. Results of Technologies Refined =NIL=

Results of On Farm Trial

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

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

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

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

PART V - FRONTLINE DEMONSTRATIONS

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	Oilseeds	Rainfed / irrigated	Summer 2012-13	Sesamum	local	-	Production technology	Integrated crop management	5.0	5.0	02	12	12	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Pulses	Rainfed/ irrigated	Summer 2012-13	Blackgram	TAU-1	-	Production technology	Integrated crop management	5.0	5.0	02	11	13	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals Paddy	Rainfed	Rabi 2012-13	Paddy	Jaya/ kaje Jaya		Mechanization	Mechanization in paddy	8 ha	8 ha	01	19	20	-
4		Rainfed	Kharief 2012-13	Paddy	MO-4	-	Crop management	ICM in paddy	5 ha.	5 ha.	3	9	12	-
5		Rainfed	Kharief 2012-13	Paddy	MO-4	-	Soil Management t	Acid Soil management	4 ha.	4 ha.	2	8	10	
6		Rainfed	Rabi-2012-13	Paddy	MO-4	-	Effective residual moisture utilization	SRI method of paddy cultivation	4 ha.	4 ha.	00	13	13	-
7		Rainfed / irrigated	Summer 2013	Paddy	MO-4	-	Storage Technique	Storage of Paddy for seed purpose using METAL BINS	10 farmers	10 farmers	-	10	10	-
8	Millets	-	-		-		-	-		-	-		-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Vegetables	Protective Irrigation	Kharif 2012-13	Cassava	-	Sree vijaya	Introduction new variety	Cultivation of high yielding cassava variety	0.1	0.1	02	03	05	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Flowers	Protective irrigation	Rabi 2012-13	Jasmine	Udupi jasmine	-	crop management	Integrated crop management in Jasmine	0.4ha.	0.4ha.	04	16	20	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

12	Fruit	Protective irrigation	Kharif 2012-13	Banana	Nendra		Crop management	ICM in banana	1.0ha	1.0ha	01	04	05	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Spices and condiments	Rainfed with Protective irrigation	Summer 2012-13	Pepper	Panniyur	-	Post harvest processing	Processing of pepper using solarization technique	-	-	-	10	10	-
14		Rainfed with Protective irrigation	Kharif 2012-13	Pepper	Panniyur	-	Disease management	Quick wilt management in pepper	200 vines	200 vines	-	11	11	
15	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Fodder	Rainfed/protective irrigation	Summer 2012-13	NB fodder	Co-4		Diary	Popularization of Co-4 Fodder	0.4 ha	0.4 ha	05	08	13	-
18	Plantation	Rainfed with Protective irrigation	Kharif 2012	Coconut	West coast tall	-	Pest management	Management of Rhinoceros beetle in Coconut	4.0ha.	4.0ha.	01	09	10	-
19		Rainfed with Protective irrigation	Kharif 2012	Arecanut	Mangala/ Local	-	Pest management	Root grub management in Arecanut	2.0 ha	2.0 ha	02	08	10	-
20		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala/ Mangala	-	Disease management	Managemnt of Inflorescence Die Back Arecanut	2.5 ha	2.5 ha	02	15	17	
21		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala	-	Integrated Nutrient management	Integrated Nutrient management in arecanut	1.0 ha.	1.0ha.	03	07	10	-
22		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala/ Mangala	-	Disease management	Koleroga Disease Management in arecanut	4.0 ha.	4.0ha.	05	19	24	-
23		Rainfed/protective irrigation	Rabi-2012-13	Cashew	Ullal series	-	Pest Management	Management of Tea Mosquito Bug in Cashew	4.0ha.	4.0ha.	02	13	15	-
24	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-

25	Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Poultry	Backyard	Summer 2013	Poultry	Swarnadhara	-	Varietal popularization	Rearing of Swarnadhara poultry birds	30 farmers	30 farmers	00	30	30	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Fish and Prawn	Rainfed	Kharif-2011-12	Fish and freshwater prawn	Catla, Rohu & fresh water prawn	-	Polyculture of fish and prawn	Polyculture of fish and prawn	0.4	0.4	00	04	04	-
32	Fish and Pig	Rainfed	Kharif-2011-12	Fish and piglets	Catla, Rohu, Common carp & Yarkshire piglets	-	Integrated Fish Farming	Integration of Fish with Pig Farming	0.3	0.3	00	03	03	-

33	Fish	Rainfed	Kharif-2011-12	Fish	Common carp, Silver carp & Grass carp	-	Fish Culture	Utilisation of weed infested farm ponds/tanks for Polyculture of fish	0.4	0.4	00	04	04	-
34	Fish	Rainfed	Kharif-2011-12	Fish	Catla, Rohu & Silver carp		Advance Polyculture of fish	Polyculture of fish with different stocking densities (80:20 pond fish farming)	0.4	0.4	00	04	04	-
35	Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Implements	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Others (specify)	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Oilseeds	Rainfed / irrigated	Summer 2012-13	Sesamum	Local	-	Production technology	Crop Management	Summer 2012-13	M	L	M	Rice fallows
-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Pulses	Rainfed/ irrigated	Summer 2012-13	Blackgram	TAU-1	-	Production technology	Crop Management	Summer 2012-13	M	L	L	Rice fallows
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals	Rainfed	Kharif- 2012	Paddy	MO-4	-	Crop Managemnt	ICM in paddy	Kharif 2012	M	L	L	vegetables
4		Rainfed	Kharif-2012	Paddy	MO-4	-	Soil Management	Acid soil management in paddy	Kharif 2012	M	L	M	vegetables
5		Rainfed	Rabi-2012	Paddy	Jaya	-	Effective moisture utilization	SRI method of paddy cultivation	Rabi-2012	M	M	L	Paddy
6		Protective irrigation	Rabi-Summer-2012-13	Paddy	Jaya	-	Mchnanisation	Mechanisation in paddy	Rabi-Summer-2012-13	M	M	L	Paddy
7		-	Summer-2013	Paddy	Jaya	-	PHT	Storage of paddy using Metal Bin		-	-	-	
8	Millets	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Vegetables	Rainfed	Kharif-2012	cassava	-	Sri vijaya	Tuber crop	Cultivation of high yielding cassava variety	Kharif 2012	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Flowers	Protective irrigation	Rabi 2012	Jasmine	Udupi jasmine	-	crop management	Integrated crop management in Jasmine	Rabi 2012	M	M	L	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Fruit	Protective irrigation	Kharief 2012	Banana	Nendra		Crop management	ICM in banana	Kharief 2012	M	M	L	fallow
-	-	-	-	-	-	-	-	-	-	-	-	-	-

13	Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Commercial												
-	-	-	-	-	-	-	-	-	-		-	-	-
15	Medicinal and aromatic	-	-	-	-	-	-	-	-		-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	--
16	Fodder	Rainfed/protective irrigation	Rabi-2013	NB fodder	Co-4		Diary	Popularization of Co-4 Fodder	Rabi-2012-13	M	L	L	Fallow
-	-	-	-	-	-	-	-		-	-	-	-	-
17	Plantation	Rainfed/protective irrigation	Kharif/Rabi-2012-13	Coconut	West coast tall	-	Pest management	Management of Rhinocerous beetle in Coconut	Kharif/Rabi-2012-13	-	-	-	-
18		Rainfed/protective irrigation	Kharif/Rabi-2011-12	Arecanut	Sumangala/ Mangala	-	Pest management	Root grub management in Arecanut	Kharif/Rabi-2012-13	-	-	-	-
19		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala/ Mangala	-	Disease management	Managemnt of Inflorescence Die Back Arecanut	Kharif/Rabi-2012-13	-	-	-	-
20		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala/ Mangala	-	Nutrient Management	Integrated Nutrient Management in Arecanut	Kharif/Rabi-2012-13	H	L	M	-
21		Rainfed/protective irrigation	Kharif/Rabi-2012-13	Arecanut	Sumangala/ Mangala	-	Disease Management	Koleroga disease Management in Arecanut	Kharif/Rabi-2012-13	-	-	-	-
22		Rainfed with protective irrigation	Kharif/Rabi-2012-13	Pepper	Penniyur	-	Disease management	Quick wilt management in pepper	Kharif/Rabi-2012-13	-	-	-	-
23		-	Summer-2013	Pepper	Paniyur-1	-	PHT	Drying of pepper using solarization technique		-	-	-	-
24		Rainfed with protective irrigation	Kharif/Rabi-2011-12	Cashew	Ullal Series	-	Pest management	Management of Tea Mosquito Bug in Cashew	Kharif/Rabi-2012-13	-	-	-	-
25	Fibre												
26	Fisheries	Rainfed	Kharif 2012	Fish and Prawn	Carps, Freshwater prawn	-	Poly culture of fish	Polyculture of fish and prawn	Kharif 2012	-	-	-	-

27		Rainfed	Kharif 2012	Fish	Carps	-	Advance polyculture of fish	Poly culture of fish with desirable fish spec ies (80:20 pond fish farming)	Kharif 2012	-	-	-	-
28		Rainfed	Kharif 2012	Fish	Carps	-	Fish culture	Utilization of weed infested farm ponds /tanks for Polyculture of fish.	Kharif 2012	-	-	-	-
29		Rainfed	Kharif 2012	Fish and Pig	Carps, Yarkshire piglets	-	Integrated fish farming	Integration of fish with pig farming	Kharif 2012	-	-	-	-
30	Poultry	-	Summer 2013	Poultry chicks	Swarnadhara Chicks	-	Backyard rearing of poultry chicks	Backyard rearing of Swarnadhara Poultry Chicks suing locally available ingredient	Summer 2013	-	-	-	-

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 (Sessamum	Production Technology in Sessamum	Local	-	Protective Irrigation Rabi 2012	13	05	2.25	2.10	2.20	1.90	16	7500	15400	7900	2.05	7300	13300	6000	1.82
Pulses (Blackgram)	Production Technology in Black gram	TAU-1	-	Irrigated summer - 2013	13	05	4.5	3.6	4.14	3.3	25.4	7650	16560	8910	2.16	7200	13200	6000	1.83
Cereals	Mechanization In Paddy	Jaya	-	Rabi-2012	20	08	50.0	40.0	42.5	35.0	21.4	30000	68000	38000	2.26	37500	56000	18500	1.50
	ICM in paddy (with special focus to STCRI approach)	Mo4	-	Kharif	12	5	60	30	45.625	30	52.10	50000	85000	35000	1.70	45000	60000	15000	1.33
	Acid soil management in paddy	Mo4	-	Kharif	10	4	55	25	41	29	41.40	45000	80000	35000	1.77	43000	60000	17000	1.39

	SRI method of paddy cultivation	Jaya	-	Rabi-2012	13	05	46	40	45	35	28.50	35000	72000	37000	2.05	37500	56000	18500	1.5
	Storage of Paddy for Seed purpose using metal Bin	Mo4	-	Rabi-2012	10	-	Under Progress : Observation will be recorded for a period of six months (upto August-2013)												
Millets																			
Vegetables	Cultivation of high yielding variety		Sree vijaya	Protective Irrigation	05	0.1	338.22	302.50	321.95	251.76	27.87	24580	97850	73270	3.98	25870	74960	49090	2.89
Flowers																			
Jasmine	Integrated Crop Management in Jasmine	Udupi Mallige	-	Rainfed Irrigation	20	0.4	76.54	65.53	69.76	52.86	38.98	76000	200900	124900	2.64	68500	144550	76050	2.11
Ornamental																			
Fruit																			
Banana	Integrated Crop Management in Banana	Nendra	-	Protective irrigation	05	1.0ha	358.10	329.80	339.29	245.20	38.37	68400	237503	169103	3.47	51500	142640	91140	2.76
Spices and condiments	Black Pepper	Panniyur		Rainfed/ Protective Irrigation	11	4.0ha	2.5	1.25	1.67	1.33	48.12	14000	82740	67740	5.91	12000	55860	43860	4.69
		Panniyur	-	Rabi-2012	10	-	Demo		Farmers Practice										
							33%		38%		15								
Commercial	-	-	-	-	-	-	-	-	-	-	--	-	-	-	-	-	-	-	-
Fibre crops	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

like cotton																			
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	Popularisation of CO-4 fodder	-	CO-4	Summer irrigated	13	0.4 ha	Under Progress Cuttings were planted during end of Feb-2013. First cut is expected at 2nd fortnight of May												
Plantation	Management of Koleroga Areca nut	Mangala		Rainfed/ Protective Irrigation	24	4	36	19	26.50	19.22	37.87	60000	288000	228000	4.80	50000	192000	142000	3.84
	Management of Root grub Areca nut	Sumangala		Rainfed/ Protective Irrigation	10	4	27.5	20	23.75	15	58.33	87500	192000	102500	2.19	75000	120000	45000	1.6
	Integrated nutrient Management in Areca nut	Sumangala		Rainfed/ Protective Irrigation	10	1	40	30	37.50	27.50	36.36	175000	525000	350000	3.00	180000	385000	205000	2.14
	Management of Inflorescence die back in Areca nut	Mangala		Rainfed/ Protective Irrigation	17	4	Under progress:												
	Management of Rhinoceros beetle in coconut	West coast tall		Rainfed/ Protective Irrigation	10	4	98	87	96	71	35.21	54400	118080	63680	2.17	47650	87330	39680	1.83
	Management of tea mosquito bug	Ullala series		Rainfed	15	4	10.5	8	9.3	5.23	77.82	25000	83700	58700	3.34	20000	47070	27070	2.25

	in Cashew																		
Fibre																			
Others (pl.specify)																			

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

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

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

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)				% Increase	*Economics of demonstration Rs./unit)				*Economics of check (Rs./unit)			
					Demo			Check if any		Gross Cost Rs.	Gross Return Rs.	Net Return Rs.	** BCR	Gross Cost Rs.	Gross Return Rs.	Net Return Rs.	** BCR
					H	L	A										
Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	Backyard rearing of Swarnadhara Poultry Chicks suing locally available ingredient	Swarnadhara	30	-	3.31	1.83	2.60	0.85	205.88	116	312	196	2.69	75	170	95	2.26
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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

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

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

5.B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2)	Yield (q/ha)				% Increase	*Economics of demonstration Rs./unit) or (Rs./m2)				*Economics of check Rs./unit) or (Rs./m2)			
					Demo			Check if any		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Fish and Prawn	Polyculure of fish & prawn	Catla, Rohu & fresh water prawn	4	4000	**Under Progress :** At end of 235 days the growth variation of fish and prawn is as follows: Catla : 0.60 – 0.90 kg : Rohu : 0.50 – 0.80 kg: Prawn : 20 – 45 gm (Harvesting will be done in the month of July/August 2013)												
Fish and piglets	Integration of fish with pig farming	Fish, Piglets	3	3000	**Under Progress :** At end of 215 days the growth variation of fish and piglets is as follows: Catla: 0.60 – 0.90 kg ; Rohu : 0.50 – 0.80 kg; Common carp : 0.40 – 0.60 kg ; Piglets: 55 – 70 kg (Harvesting will be done in the month of July/August 2013)												
Fish	Utilization of weed infested farm ponds /tanks for Polyculture of fish.	Common carp, Silver carp, Grass carp	4	4000	**Under Progress :** At end of 205 days the growth variation of fish is as follows: Grass carp : 0.60 – 0.90 kg : Common carp : 0.40 – 0.60 kg Silver carp : 0.50 – 0.80 kg (Harvesting will be done in the month of July/August 2013)												
Fish	Poly culture of fish with desirable fish species (80:20 pond fish farming)	Catla, Rohu, Silver carp	4	4000	Under Progress At end of 225 days the growth variation of fish is as follows: Catla : 0.60 – 0.95 kg : Rohu : 0.60 – 0.85 kg: Silver carp : 0.50 – 0.85 kg (Harvesting will be done in the month of July/August 2013)												
Fish	Culture of seabass (*Lates calcarifer*) in brackish water ponds	Seabass	FLD was not conducted due to lack of availability of resources														
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-High L-Low, A-Average

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

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

5.B.4. Other enterprises: Nil

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m^2}	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./unit) or (Rs./m2)				*Economics of check (Rs./unit) or (Rs./m2)			
					Demo			Check if any		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-High L-Low, A-Average

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

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

5.B.5. Farm implements and machinery: Nil

Name of the implement	Cost of the implement in Rs.	Name of the technology demonstrated	No. of Demo	Area covered under demo in ha	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)	*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

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

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

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

5.B.6. Cotton: Nil

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

Sl. No.	Category	Technology Demonstrated	Variety	Hybrid	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
						Proposed	Actual	SC/ST	Others	Total	
	Production Technology										
	IPM										
	Farm Implements										

5.B.6.2 Production technology demonstrations: Nil

Performance of demonstrations : Nil

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

Performance of Bt hybrids, Desi hybrids, non-Bt hybrids and Varieties in Front Line Demonstrations in cotton during 2012-13: Nil

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

5.B.6.3 Integrated pest management demonstrations : Nil

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

5.B.6.4 Demonstrations on farm implements **: Nil**

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.6.5 Extension Programmes organized in Cotton Demonstration Plots **: Nil**

Extension activity	No. of Programmes	Participants			SC/ST		
		Male	Female	Total	Male	Female	Total
Consultancy	-	-	-	-	-	-	-
Conventions	-	-	-	-	-	-	-
Demonstrations	-	-	-	-	-	-	-
Diagnostic surveys	-	-	-	-	-	-	-
Exhibition	-	-	-	-	-	-	-
Farmer study tours	-	-	-	-	-	-	-
Farmers Field school	-	-	-	-	-	-	-
Field Days	-	-	-	-	-	-	-
Field visits	-	-	-	-	-	-	-
Gram sabha	-	-	-	-	-	-	-
Group discussions	-	-	-	-	-	-	-
Kisan Gosthi	-	-	-	-	-	-	-
Kisan Mela	-	-	-	-	-	-	-
Training for Extension Functionaries	-	-	-	-	-	-	-
Training for farmers	-	-	-	-	-	-	-
Viedo show	-	-	-	-	-	-	-
Newspaper coverage	-	-	-	-	-	-	-
Popular articles	-	-	-	-	-	-	-
Publication	-	-	-	-	-	-	-
Radio talks	-	-	-	-	-	-	-
T.V. Programme	-	-	-	-	-	-	-
Others (Pl.specify)	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-

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

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1.	Paddy	Mechanisation in Paddy cultivation	Machineries suitable for small holdings need to be developed.
2.	Paddy	SRI-Method of Paddy cultivation	Machinery transplanting with suitable spacing for SRI method need to be developed.
3	Paddy	Integrated Crop Management in Paddy	Adoption of ICM practices gave higher yield over traditional method. In long run ICM practice will help to maintain the soil health and sustain the yield. Farmers are convinced about balanced fertilization for sustained production.
4	Paddy	Acid soil management in paddy	Application of lime improves the soil pH
5	Fodder	Popularization of CO-4 Fodder	Availability of planting material in bulk at planting season is essential.
6	Sesamum	Production Technology in Sessamum	Availability of improved varieties seeds in abundance during sowing season is very essential.
7	Black gram	Production Technology of Black gram	Availability of seeds of suitable variety for Coastal Region needs to be developed.
8	Arecanut	Integrated root grub management in Arecanut	Predicting the pest incidence made to obtain better yield.
9	Arecanut	Kole roga Management in Arecanut	Management of this disease by applying once is not sufficient so, control measures has to be taken regularly for at least 2-3 Sprays to control disease
10	Cashew	Management of tea mosquito bug in Cashew	For management of this particular pest, the chemical rotation is most important because of pest resistance and resurgence.
11	Arecanut	INM in Areca nut	Adoption of INM practices gave higher yield over traditional method and Nutrient status of the soil increases
12	Jasmine	ICM in jasmine	Nutrient Pest and Disease management helps to increase the yield
13	Banana	ICM in Banana	Use of Banana special will improve the yield.
14	Cassava	Introduction of high yielding cassava variety	The Introduced variety (Sree vijaya) performed better in yield than the local variety

5.B.6.7 Farmers' reactions on specific technologies **:**

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1.	Sesamum	Production technology	Adoption of improved crop management practices in Sesamum give higher yields. farmers are convinced about the technology and willing to adopt the same on large scale
2.	Paddy	Mechanisation of Paddy	Farmers are convinced that the problem of labor scarcity can be solved by adopting mechanization in paddy. They felt that mat nursery is simple and saved them cost of seeds and also labor.
3.	Paddy	SRI-Method of Paddy cultivation	Farmers felt that the yield in SRI-method of paddy cultivation is better over traditional practice. Experienced labour and weed management is major problem in this method, which can be overcome by use of conoweeder. The farmers are willing to adopt it and agree to disseminate the same to the neighbouring farmers.
4.	Paddy	Integrated Crop Management in Paddy	Farmers felt the ICM technology in paddy cultivation has helped to increase the grain and straw yield. Farmers wish to continue the same technology in future and disseminate it to the neighbouring farmers.
	Paddy	Acid soil management in paddy	Farmers opined that application of lime increases the yield compared to other paddy field
	Fodder	Popularization of CO-4 Fodder	Co-4 Fodder gave more yield than conventional/ existing fodder variety. Inclusion of green fodder reduced feed cost. .
5.	Arecanut	Integrated root grub management in Arecanut	Farmers opined that timely application of recommended dose of Pesticides reduced root grub incidence and plant has regained the vigour and yield.
	Arecanut	Koleroga disease management in Arecanut	Farmers opined that Scientific method of Bordeaux mixture and timely application has gives better yield.
	Arecanut	INM in Areca nut	Farmers opined that INM practices increases the yield.
6.	Pepper	Quick wilt management	Use of *Trichoderma* has got good control over farmer practice and suits well in organic farming
7	Cashew	Management of tea mosquito bug in Cashew	The timely application and chemical rotation helps to manage the pest
8	Banana	Integrated Crop Management in Banana	Farmers opined that ICM practices increases the bunch weight and yield compared to traditional method.
9	Cassava	Introduction of high yielding cassava variety0'	Farmers felt that the new variety Sreevijaya & scientific cultivation has increased the yield of cassava over the local variety and traditional methods. Farmers agreed to adopt the variety and cultivation practices and disseminate the same to the neighboring farmers.
10.	Jasmine	ICM Jasmine	Farmers opined that ICM Practices followed plot yielded flower throughout the year and quantity also increased compared to traditional method

5.B.6.8 Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	07	200	-
2	Farmers Training	24	644	-
3	Media coverage	-	59	-
4	Training for extension functionaries	-	-	-

PART VI – DEMONSTRATIONS ON CROP HYBRIDS : Nil

Demonstration details on crop hybrids : NIL

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Cereals																	
Bajra																	
Maize																	
Paddy																	
Sorghum																	
Wheat																	
Others (pl.specify)																	
Total																	
Oilseeds																	
Castor																	
Mustard																	
Safflower																	
Sesame																	
Sunflower																	
Groundnut																	
Soybean																	
Others (pl.specify)																	
Total																	
Pulses																	
Greengram																	
Blackgram																	
Bengalgram																	
Redgram																	
Others (pl.specify)																	
Total																	
Vegetable crops																	
Bottle gourd																	
Capsicum																	
Others (pl.specify)																	
Total																	

Cucumber																		
Tomato																		
Brinjal																		
Okra																		
Onion																		
Potato																		
Field bean																		
Others (pl.specify)																		
Total																		
Commercial crops																		
Sugarcane																		
Coconut																		
Others (pl.specify)																		
Total																		
Fodder crops																		
Maize (Fodder)																		
Sorghum (Fodder)																		
Others (pl.specify)																		
Total																		

H-High L-Low, A-Average

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

PART VII. TRAINING

7.A.. Farmers' Training including sponsored training programmes (On campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop Production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	01	24	05	29	09	01	10	29	10	39
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-

Integrated Crop Management (Boochetana)	01	30	09	39	03	00	03	33	09	42
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	01	38	07	45	00	00	00	38	07	45
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	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-

Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	01	35	0	35	00	00	00	35	00	35
Processing and value addition	01	11	14	25	0	0	25	11	14	25
Others (pl.specify)nutrient Maangement	01	13	02	15	00	00	00	13	02	15
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	03	10	114	124	00	00	00	10	114	124
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	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	01	45	04	49	06	00	06	45	10	55
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	02	43	09	52	07	00	07	50	09	59
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	02	06	65	71	00	03	03	06	68	74
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	01	52	08	60	00	00	00	52	08	60
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	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	01	16	12	28	00	00	00	16	12	28
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	**01**	**42**	**17**	**59**	**28**	**13**	**41**	**70**	**30**	**100**
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**17**	**365**	**266**	**631**	**59**	**23**	**82**	**424**	**289**	**713**

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	01	20	03	23	06	01	07	26	04	30
	01	10	06	16	08	04	12	18	10	28
	03	47	33	80	22	28	50	69	61	130
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	01	14	03	17	01	02	03	15	05	20
Cropping Systems	01	12	00	12	00	00	00	12	00	12
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	03	16	05	21	04	01	05	20	06	26
Integrated Crop Management	01	09	06	15	02	03	05	15	05	20
Soil and Water Conservation	01	13	00	13	03	00	03	16	00	16
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	01	40	11	51	00	00	00	40	11	51
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) Nutrient Management	02	44	05	49	00	00	00	44	05	49

b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) Production technology of Jasmine cultivation	01 01	04 17	10 15	14 32	02 00	05 00	07 00	14 17	07 15	21 32
d) Plantation crops										
Production and Management technology	01 01	16 60	04 00	20 60	00 23	00 02	00 25	16 83	04 02	20 85
Processing and value addition										
Others (pl.specify) Banana	01 01	23 24	00 01	23 25	00 00	00 00	00 00	23 24	00 01	23 25
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	01	17	02	19	03	00	03	20	02	22
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	01	0	10	10	00	00	00	0	10	10
Value addition	-	-	-	-	-	-	-	-	-	-
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	1	10	0	0	00	00	00	10	0	10
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	01	15	03	18	02	00	02	17	03	20
Integrated Pest Management	01 01	16 08	04 01	20 09	00 01	00 00	00 00	16 09	04 01	20 10
Integrated Disease Management	01 01	17 15	01 03	18 18	05 02	01 00	03 02	22 17	02 03	24 20
Bio-control of pests and diseases(inlo)	01	23	00	23	00	00	00	23	00	23
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) inland fisheries	-	-	-	-	-	-	-	-	-	-
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 (FFS)	06	20	05	25	-	-	-	20	05	25
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies (Biodiesel)	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**52**	**979**	**555**	**1534**	**313**	**166**	**480**	**1243**	**771**	**2014**

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	03	48	03	51	05	04	09	53	07	60
Value addition	-	-	-	-	-	-	-	-	-	-
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	03	48	03	51	05	04	09	53	07	60

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

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

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	-	-	-	-	-	-	-	-	-	-
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 Polyculture of Fish for food and nutritional security.	01	14	00	14	00	00	00	14	00	14
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)- Value addition	02	15	50	65	00	00	00	15	50	65
Any other (pl.specify)-	-	-	-	-	-	-	-	-	-	-
Total	**03**	**29**	**50**	**79**	**00**	**00**	**00**	**29**	**50**	**79**

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

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	-	-	-	-	-	-	-	-	-	-
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 : Value addition	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

7.G. Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**	-	-	-	-	-	-	-	-	-	-
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	-	-	-	-	-	-	-	-	-	-
6	**Others (pl.specify)**	-	-	-	-	-	-	-	-	-	-
7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	**Others : Friends of Coconut sponsored by CCD**	03	48	03	51	05	04	09	53	07	60
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 /Polyculture of Fishfor food and security	01	14	00	14	00	00	00	14	00	14
10.d	Fisheries Management (KVAFSU, Bidar)Technology week	06	157	73	230	45	18	63	202	91	293
10.e.	Others : Ornamental fish breeding and rearing (Sponsored by MPEDA)	01	26	03	29	07	00	07	33	03	36
11.	**Home Science**	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
12	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
12.a.	Capacity Building and Group Dynamics ATMA	01	30	09	39	03	00	03	33	09	42
12.b.	Others:	-	-	-	-	-	-	-	-	-	-
	Total	**12**	**275**	**88**	**363**	**60**	**22**	**79**	**335**	**110**	**445**

Details of sponsoring agencies involved

1. Coconut Development Board. Bangalore

2. MPEDA, Mangalore

3.KVAFSU,Bidar

4.ATMA, Mangalore

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	-	-	-	-	-	-	-	-	-	-
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-
4.c.	**Repair and maintenance of farm machinery and implements**	**03**	**48**	**03**	**51**	**05**	**04**	**09**	**53**	**07**	**60**
4.d.	Rural Crafts	-	-	-	-	-	-	-	-	-	-
4.e.	Seed production	-	-	-	-	-	-	-	-	-	-
4.f.	Sericulture	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
5	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
5.a.	Capacity building and group dynamics (ATMA)	-	-	-	-	-	-	-	-	-	-
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	**03**	**48**	**03**	**51**	**05**	**04**	**09**	**53**	**07**	**60**

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	07	139	39	178	15	07	22	-	-	-
Kisan Mela (Jackfruit mela)	01	500	400	900	203	286	489	-	-	-
Kisan Ghosthi	03	146	24	170	59	12	71	-	-	-
Exhibition participation/ krishi mela	05	-	-	-	-	-	-	-	-	-
Film Show	-	-	-	-	-	-	-	-	-	-
Method Demonstrations	04	40	06	46	04	01	05	-	-	-
Farmers Seminar	00	-	-	-	-	-	-			
Workshop	00	-	-	-	-	-	-			
Group meetings	00	-	-	-	-	-	-			
Lectures delivered as Resource Persons	64	2027	1184	3211	364	186	550	-	-	-
Newspaper coverage	59	-	-	-	-	-	-	-	-	-
Radio talks	08	-	-	-	-	-	-	-	-	-
TV talks	02	-	-	-	-	-	-	-	-	-
Popular articles	04	-	-	-	-	-	-	-	-	-
Extension Literature	07	-	-	-	-	-	-	-	-	-
Advisory Services(Telephone calls)	1733	-	-	-	-	-	-	-	-	-
Scientists visit to farmers field	273	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	518	-	-	-	-	-	-	-	-	-
Diagnostic visits	02	-	-	-	-	-	-	-	-	-
Exposure visits	02	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	-									-
Soil health Camp	01	09	06	15	05	03	08	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)								-	-	-
Environmental day	01	42	17	59	28	13	41			
Women In agriculture day	01	04	35	39	-	3	3	-	-	-
World food day	01	06	68	74	00	00	00	-	-	-
Nutrition week (Technology week)	01	157	73	230	45	18	63			
Any Other (Specify) Raitha mahila dinacharane	-	-	-	-	-	-	-	-	-	
Total	**2692**	**3070**	**1852**	**4922**	**723**	**529**	**1252**	**-**	**-**	**-**

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Paddy- Seed 2012-13	MO4	-	3.37 Kg.	8088.00	10
	Paddy Bulk-2012-13	MO4	-	57.50 Kg.	70258.00	26
Oilseeds	-	-	-	-	-	-
Pulses	Black gram	-	-	0.08Kg	720.00	1
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	4.41 kg	7902.00	113
Flower crops	Jasmine Plant	Udupi Jasmine	-	3950 No	79000.00	Supplied to Department of Horticulture DK, Mangalore
Spices	-	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-	-
Fiber crops	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	**-**	**-**	**-**	-	165968.00	150

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial	-	--	-	-	-	-
Vegetable seedlings	-			-	-	-
Fruits	Banana	G-9	-	140 Kg	2805.00	57
Ornamental plants	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-
Plantation						
	Coconut			8270 No	42275.00	-
	Mango trees	-	-	16 No	20150.00	-
	Jack	-	-	10 No	5300.00	-
	Cashew	-	-	2 No	400.00	-
	Sapota	-	-	1 No	150.00	-
Spices	-	-	-	-	-	-
Tuber	-	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others(specify)	-	-	-	-	-	-
Total					**71080.00**	

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers	-	-		
Bio-pesticide	-			
Bio-fungicide	Trichoderma	45.75 Kg	5210.00	12
Bio Agents	-			
Others (specify)	Vermi compost	144.75 Kg	1592.75	15
Total	-			

9.D. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals	-	-	-	-
Cows	-	-	-	-
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others : Goat kids&Goats	-	-	-	-
Poultry	Swarnadhara	396	43084.00	35
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify) Rabbits	-	-	-	-
Piggery	-	-	-	-
Piglet-Pigs	Yorkshire	24	111300.00	12
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total			**121030.00**	

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
Books	Mechanized Paddy Cultivation	Mr Harish shenoy Dr. H. Hanumanthappa	500
	Jack fruit cultivation Practices	Mr. Shashikanth Kattimani Dr. H. Hanumanthappa Dr. Lakshman	500

		Mr Harish shenoy Kum. Shweta. K	
Training manual	Polyculture of fish for food and nutritional security	Dr. H Hanumanthappa Prof. Honnanavar Dr. T. S. Annappaswamy Mr. Shashikant Kattimani	20
	Advance technologies in Agriculture and Horticulture crops	Mr. Shashikant Kattimani Mr. Ashokkumar Bennur Dr. H Hanumanthappa Kum.Shwetha .K Shri. Harish Shenoy Dr. T. S. Annappaswamy	100
	Integrated Crop Management in coconut	Mr. Shashikant Kattimani Mr.Muruli.R Dr. H Hanumanthappa Mr.Somushekar Kum.Bhagyashri Shri. Harish Shenoy	25
	Plant protection and value addition in Coconut	Mr. Shashikanth Kattimani Mr.Muruli R. Dr. H. Hanumanthappa Kum.Shweta. K Mr.Somashekar Mr.Ramesh babu.s	25
Popular articles	Dry land Horticulture	Mr. Shashikanth Kattimani Dr. H. Hanumanthappa	1
	Importance and uses of Ragi	Kum. Shweta. Kyatanagoudar Dr. H. Hanumanthappa	1
	Value addition to Agriculture and Horticulture crops	Kum. Shweta. Kyatanagoudar Dr. H. Hanumanthappa	1
	Pre Kharif activities and land preparation	Shri. Harish shenoy Kum.Punitha Dr. H. Hanumanthappa	1

Others (Pl. specify)	-	-	-
Total			

10.B. Details of Electronic Media Produced: Nil

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). Nil

Background	-
Interventions	-
a) Process	-
b) Technology	-
Impact	-
Economic gain	-
Horizontal spread	

10.D. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year2012-13

FFS programme on Fish culture

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
Fish	Fish culture	carps	-	IFS	1	0.2ha	**Under Progress :** At end of 225 days the growth variation of fish is as follows: Catla : 0.50 – 0.85 kg : Rohu : 0.50 – 0.75 kg: Common carp : 0.40 – 0.60 kg (Harvesting will be done in the month of July/August 2013)										

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) : Nil

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

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

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

10.G. Field activities(IFSD)

i. Number of villages adopted : 05
ii. No. of farm families selected : 05
iii. No. of survey/PRA conducted : -

10.H. Activities of Soil and Water Testing Laboratory:

Status of establishment of Lab :

1. Year of establishment : 2011
2. List of equipments purchased with amount : 429806.00

Sl. No	Name of the Equipment	Qty.	Cost
1	Single Quartz distillation unit 2.5 liter with water softner & automatic cutoff	1	54877.00
2	Flame photometer	1	43817.00
3	P.H. Meter	1	19530.00
4	Digital Conductivity	1	20844.00
5	Visible Spectrophotometer	1	50340.00
6	Hot Air oven	1	17933.00
7	L.G.350 Fraist free Refrigerator	1	23490.00
8.	Rotary shaker	1	22473.00
9.	Ultra centrifuge machine	1	55170.00
10.	Hot plate rectangular	1	7264.00
11.	Electronic Balance	1	53913.00
12.	Fume Exhaust hood	1	60155.00
Total		12	**429806.00**

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	**61 No.**	**61**	**22**	**1830**
Water Samples	**1 No.**	**01**	**01**	**50**
Plant samples	**-**	**-**	**-**	**-**
Manure samples	**-**	**-**	**-**	**-**
Others (specify)	**-**	**-**	**-**	**-**
Total	**62 No.**	**62**	**23**	**1880**

Details of samples analyzed during the 2012-13 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	**61 No.**	**61**	**22**	**1830**
Water Samples	**1 No.**	**1**	**1**	**50**
Plant samples	**-**	**-**	**-**	**-**
Manure samples	**-**	**-**	**-**	**-**
Others (specify)	**-**	**-**	**-**	**-**
Total	**62 No.**			**1880**

10.I. Technology Week celebration :

Period of observing Technology Week: 18.03.2013 to 23.03.2013
Total number of farmers visited : 293
Total number of agencies involved : 1
Number of demonstrations visited by the farmers within KVK campus : 4

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	6	293	Value addition to fish, Clean milk production and value addition to milk, Value addition to fruits, Scientific piggery farming, Integrated fish farming, Aquarium fabrication and maintenance
Lectures organized	15	293	Value addition to fish (Prawn pickle, Fish cutlets), Value addition to fish (Fish chakkuli, Fish shavige), Clean milk production, Value addition to milk(Pannir, Sented milk, Peda) Post harvest technology of agricultural and horticultural crops, Value addition to fruits(Sqaush, Jam) Pig cultivation, maintenance and food management, Disease management in piggery, Facilities for piggery farming in Dakshina Kannada District, Integration of fish and piggery farming, Integration of dairy and fish farming, Poultry cum fish culture, Duck cum fish culture, Paddy cum fish culture, horticultural carps cum fish culture, Ornamental fish breeding and rearing, Aquarium fabrication and maintenance
Exhibition	0	0	-
Film show	1	55	Scientific pig farming
Fair			-
Farm Visit	-	-	-

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Diagnostic Practicals	-	-	-
Supply of Literature (No.)	-	-	-
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)	-	-	-
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	-
Supply of fingerlings	-	-	-
Supply of Livestock specimen (No.)	-	-	-
Total number of farmers visited the technology week	-	293	

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

A. Introduction of alternate crops/varieties: Nil

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

B. Major area coverage under alternate crops/varieties: Nil

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

C. Farmers-scientists interaction on livestock management: Nil

State	Livestock components	Number of interactions	No.of participants
-	-	-	-
-	-	-	-
Total	-	-	-

D. Animal health camps organized : Nil

State	Number of camps	No.of animals	No.of farmers
-	-	-	-
-	-	-	-
Total	-	-	-

E. Seed distribution in drought hit states: Nil

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

F. Large scale adoption of resource conservation technologies: Nil

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

G. Awareness campaign : Nil

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
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

PART XI. IMPACT

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

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: Nil
(Please furnish detailed information for each case)

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

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
State Department Department of Agriculture, Horticulture, Animal Husbandry and Veterinary services, Fisheries, women & Child welfare development, APMC, State marketing board.	• Training and demonstrations. • Providing technical information to the Extension functionaries during bi-monthly workshops • Diagnostic survey and forecasting of pest and disease management of different crops. • Conduct of Field days, Farmers day, World Food day etc. • Field visit to problematic crops in the District. • Participation in Kissan melas, Krishi Utsav
Non-Governmental Organization Shree Kshetra Dharmasthala Rural Development Project, (SKDRDP) Cooperative Societies and Vijaya Rural Developmental Foundation	• Training programmes and demonstrations • Participation in meeting • Farmers selection, FLD, OFT implementation • Training need assessment
Bank Co-operative Agri. Bank	• Training Programmes for the farmers/Self Help Groups/OFT/FLD implementation.
All India Radio	• Transfer of technology through radio talks, • Announcing of messages to the farmers and KVK training Programme schedules. • Pest and Disease forecasting of different crops. • Schedule of Agricultural operations

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 : Nil

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
-	-	-	-

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?

KVK has taken lead in collaborating different development departments of DK District and provided necessary technical support for the preparation of SREP of the district.

Coordination activities between KVK and ATMA during 2012-13

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	**Meetings**	**-**	**-**	**-**	**-**
02	**Research projects**	**-**	**-**	**-**	**-**
03	**Training programmes**	Training programmes for farmers under bhoochetana programme	**07**	-	Participated as resource person and provided technical guidance
		Exhibition under ATMA	**05**		
		Rabi campaign	**-**		
		Farmers trainings under ATMA	**08**		
		Workshop under ATMA	**02**		
04	**Demonstrations**	**-**	**-**	**-**	**-**
05	**Extension Programmes**	**-**	**-**	**-**	**-**
	Kisan Mela	-	**04**		
	Technology Week	**--**	**-**		
	Exposure visit	**-**	**01**		
	Exhibition	**-**	**01**		
	Soil health camps	**-**	**-**	**-**	**-**
	Animal Health Campaigns	**-**	**-**	**-**	**-**
	Others (Pl. specify)	**-**	**-**	**-**	**-**
06	**Publications**	**-**			**-**
	Video Films	**-**	**-**	**-**	**-**
	Books	**01**	**-**	**-**	**-**
	Extension Literature	**-**	**-**	**-**	**-**
	Pamphlets	**-**		**-**	**-**
	Others (Pl. specify)	**-**		**-**	**-**
07	**Other Activities** (Pl. specify)	**--**	**-**	**-**	**-**
	Watershed approach	**-**	**-**	**-**	**-**

	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-
			-	-	-

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

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

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

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

12.F. Details of linkage with RKVY : Nil

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-

12. G Kisan Mobile Advisory Services: Nil

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
April 2012	-	-	-
May	-	-	-
June	-	-	-
July	-	-	-
August	-	-	-
September	-	-	-
October	-	-	-
November	-	-	-
December	-	-	-
January 2013	-	-	-
February	-	-	-
March	-	-	-

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

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

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (in Qtl)	Cost of inputs	Gross income	
Cereals									
Paddy	09-07-2012	20-11-2012	3.5	MO4	Seed purpose	3.37	8088	8088	2012-13
				MO4	Bulk	57.50	70258	70258	2012-13
	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Fibers	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Spices & Plantation crops									
	-	-	-	-	-	-	-	-	-
Floriculture	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Others (specify)									
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
2	Vermicompost	146 Kg.	-	1448	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Pig	Yorkshire	Pig	14	-	81300.00	-
			Piglets	10	-	30000.00	-
2	Poultry	Swarnadhara	Birds	396	-	43084.00	-

13.E. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2012	147	7	-
May 2012	84	7	-
June 2012	-	-	-
July 2012	4	3	-
Aug. 2012	19	8	-
Sept. 2012	79	3	-
Oct. 2012	129	6	-
Nov2012	252	6	-
Dec. 2012	72	2	-
Jan. 2013	152	12	-
Feb. 2013	32	3	-
March 2013	98	25	-

13.F. Database management : Nil

S. No	Database target	Database created

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

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

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	-	-	-	-	-	-	-
With KVK	Canara Bank	Fisheries College Branch, Mangalore	8520101100857 8520101100918 (RF)	SB	8520101100857 8520101100918 (RF)		

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

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 2012-13 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	37.00	37.00	38.79192
2	**Traveling allowances**	1.00	1.00	0.96740
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.67	2.67	2.66578
B	POL, repair of vehicles, tractor and equipments	1.95	1.95	1.94998
C	Meals/refreshment for trainees (ceiling upto Rs.75/day/trainee be maintained)	0.60	0.60	0.59987
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.60	0.60	0.59839
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3.70	3.70	3.48489
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.40	0.40	0.36443
G	Training of extension functionaries	0.25	0.25	0.24960
H	Maintenance of buildings	0.25	0.25	0.24840
L	Establishment of Soil, Plant & Water Testing Laboratory	-	-	-
J	Library	0.05	0.05	0.04995
K	Extension activities	0.25	0.25	0.24996
L	Farmers Field School	0.25	0.25	0.25000
M	Chemicals and glassware's for soil and water testing lbs	-	-	-
N	Petty items-such as pestle and mortar, cloth bag, plastic jar, tray, gas connection for flame photometer and other use,	-	-	-
	TOTAL (A)	**48.97**	**48.97**	**50.47057**
B. Non-Recurring Contingencies				
1	**Works**	-	-	-
2	**Equipments including SWTL & Furniture**	-	-	-
a.	Power tiller	-	-	-
b.	Computer & accessories	-	-	-
c.	Portable Carp Hatchery	-	-	-
d.	SWTL	-	-	-
e.	Generator	-	-	-
f.	EPABX System	-	-	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-	-	-
4	**Library** (Purchase of assets like books & journals)	-	-	-
TOTAL (B)		**-**	**-**	
C. REVOLVING FUND		**-**	**-**	**-**
GRAND TOTAL (A+B+C)		**48.97**	**48.97**	**50.47057**

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 2010 to March 2011	60987.00	134375.00	122512.00	72850.00
April 2011 to March 2012	72850.00	225209.00	198125.00	99934.00
April 2012 to March 2013	99934.00	664872.00	554660.00	210146.00

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

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Harish shenoy	SMS (Agronomy)	Operationalising Krishi Community Radio Station for the voice of the voiceless	UAS Dharwad and SAMETHI North	17=01-2013 to 24-01-2013 UAS Dharwad
Shashikanth.K	SMS (Horticulture)	Clean Milk Production	Dept of Microbiology Dairy Science College Hebbal Bangalore	13-12-2012 to 15-12-2012 Dairy Science College Hebbal Bangalore
Shweta	SMS (Home Science)	Dairy entrepreneurship Development	Dairy Science College Hebbal Bangalore	26-11-2012 to 30-11-2012 Dairy Science College Hebbal Bangalore
		Clean Milk Production	Dept of Microbiology Dairy Science College Hebbal Bangalore	13-12-2012 to 15-12-2012 Dairy Science College Hebbal Bangalore

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

Results of On Farm Trials for the year 2011-12

1. Polyculture of fish with different stocking densities (80:20 pond fish farming)

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
Fisheries	Rainfed/Protective irrigation	Production of fish without taking in to account of consumer preference and fish growth	Polyculture of fish with different stocking densities	04	T_1= Stocking of one/two species of fish T_2=Stocking recommended species (catla:Rohu: Common carp 4:3:3) Stocking 10000/ha. T_3=Stocking of catla, Rohu and Silver carp @ 4:4:2 stocking-10000/ha.	Yield & B:C Ratio	T3 - 58.05 qntl/ha T3 - 2.87	78.17% increase in yield in T3 over farmer practice (T1)	Silver carp performed well compared to common carp	-	-

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)	Farmer practice	3.26	t/ha	103525/-	2.13
Technology option 2	POP (UASB)	4.68	t/ha	163848/-	2.39
Technology option 3	American soybean Association	5.81	t/ha	226830/-	2.87

Details of On Farm Trial (OFT) for assessment to be furnished in the following format separately as per the following details:

01. Polyculture of fish with different stocking densities (80:20 pond fish farming)

1.	Title of Technology Assessed	**Polyculture of fish with different stocking densities (80:20 pond fish farming)**
2.	Problem Definition	Production of fish without taking into account of consumer preference and fish growth
3.	Details of technologies selected for assessment	T_1= Stocking of one/two species of fish T_2= Stocking of recommended species i.e. Catla, Rohu and Common carp @4:3:3 T_3= Stocking of catla, rohu and silver carp @ 4:4:2
4.	Source of technology	T_1=Farmers practice, T_2=POP (UASB), T_3=American Soybean Association
5.	Production system and thematic area	Rainfed /Protective irrigation; Selection of fish species for stocking and their stocking ratio
6.	Performance of the Technology with performance indicator	78.17% increase in yield over farmer practice
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	Recorded a yield of 58.05 qntl/ha
8.	Final recommendation for micro level situation	Stocking more desirable species results in more yield
9.	Constraints identified and feedback for research	-
10.	Process of farmers participation and their reaction	Farmers appreciated the technology and desired to adopt the same because silver carp performed well compare to common carp.

Results of Front line Demonstrations for the year 2011-12

5.B.2

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
	Storage of Paddy for Seed purpose using metal Bin	Mo4	-	Rabi-2012	10	-	Demo			Farmers practice									
							91%			82%	11.4	-	-	-	-	-	-	-	-
	Production technology of Black gram	TAU-1		Summer	12	5	H	L	A	3.3	25.4	7250	16560	9310	2.28	6100	13200	7100	2.16
							4.6	3.3	4.14										
	Management of inflorescence dieback		Mangala		14	4	24	18	21.35	14	33.43	95500	298900	203400	3.12	76000	196000	120000	2.58

5.B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2)	Yield (q/ha)				% Increase	*Economics of demonstration Rs./unit) or (Rs./m2)				*Economics of check Rs./unit) or (Rs./m2)			
					Demo			Check if any		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Fish and Prawn	Polyculure of fish and prawn	Catla, Rohu & fresh water prawn	4	4000	F-26.49 P-1.31	20.86 1.17	23.15 1.22	Polyculture of fish and prawn was done for the first time	-	68000	175510	107510	2.58	-	-	-	-
Fish and piglets	Integration of fish with pig farming	Fish, Piglets	3	3000	F-37.47 Pi-25.5	29.19 23.0	33.74 22.50	Integrated fish farming was done for the first time	-	144000	404920	260920	2.84	-	-	-	-

SUMMARY FOR 2012-13

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Nutrient Management	Ridge gourd	Nutrient management in Ridge gourd	10
	Bitter gourd	Nutrient management in Bitter gourd	10
	Banana	Banana bunch feeding with cow dung slurry and nutrients mixtures	05
	Arecanut	Split application of Potassium in Arecanut	10
Varietal Evaluation	-	-	-
	-	-	-
Integrated Pest Management	-	-	-
	-	-	-
Integrated Crop Management	-	-	-
	-	-	-
Integrated Disease Management	Bhendi	Management of yellow vein mosaic in bhendi *	-
Small Scale Income Generation Enterprises	-	-	-
	-	-	-
Weed Management	-	-	-
	-	-	-
Resource Conservation Technology	-	-	-
	-	-	-
Farm Machineries	-	-	-
	-	-	-
Integrated Farming System	-	-	-
	-	-	-

Seed / Plant production	-	-	-
	-	-	-
Value addition	-	-	-
	-	-	-
Drudgery Reduction	-	-	-
	-	-	-
Storage Technique	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
Total			**35**
***out of 05 proposed one OFT was not conducted due to Vacant of concerned SMS & lapse of season when new incumbent took charge**			

Summary of technologies assessed under livestock : Nil

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	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
Total			-
Note: *out of 02 proposed one OFT was not conducted due to mass mortality of turkey chicks during rearing due to aflotoxins in feed as per post mortem report of IAH & VB, Bangalore			

Summary of technologies assessed under various enterprises : Nil

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

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

Summary of technologies assessed under home science: Nil

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

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops: nil

Thematic areas	Crop	Name of the technology refined	No. of trials
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	-	-	-
	-	-	-
Others (Pl. specify)	-	-	-
	-	-	-
Total		-	-

Summary of technologies assessed under refinement of various livestock : Nil

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

Summary of technologies refined under various enterprises : Nil

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

Summary of technologies refined under home science : Nil

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

III. FRONTLINE DEMONSTRATION

Cotton

Frontline demonstration on cotton : Nil

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																		
Paddy	Mechanization	Mechanization In Paddy	-	20	8	42.5	35.0	21.4	-	-	30000	68000	38000	2.26	37500	56000	18500	1.50
	Crop management	ICM in paddy	-	12	5	45.625	30	52.1	-	-	50000	85000	35000	1.70	45000	60000	15000	1.33
	Soil management	Acid soil management in Paddy	-	10	4	41	29	41.4	-	-	45000	80000	35000	1.77	43000	60000	17000	1.39
	Water management	SRI method of Paddy cultivation	-	13	5	45	35	28.5	-	-	35000	72000	37000	2.05	37500	56000	18500	1.5
	Post harvest technology	**Storage of paddy for seed purpose using metal bins**	-	10	-	91	82	11.4	-	-								
	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Millets	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Oilseeds (Sessamum)	Crop management	Prduction technology of sesamum	-	13	5	2.2	1.90	16.00	-	-	7500	15400	7900	2.05	7300	13300	6000	1.82
Pulses (Blackgram	Crop management	Production Technology	-	13	5.0	4.5	3.60	4.14	3.30	25.40	7650	16560	8910	2.16	7200	13200	6000	1.83
Vegetables	Crop management	Cultivation of high yielding variety Cassava	-	05	0.1	321.95	251.76	27.87	-	-	24580	97850	73270	3.98	25870	74960	49090	2.89
Flowers Jasmine	Crop Management	ICM in Jasmine	-	20	0.4	69.76	52.86	38.98	-	-	76000	200900	124900	2.64	68500	144550	76050	2.11

Ornamental																		
Fruit	Crop Managem,ent	ICM in banana		**05**	**1.0**	339.29	245.20	38.37	-	-	68400	237503	169103	3.47	51500	142640	91140	2.76
Spices and condiments	**Post harvest techniques**	**Processing of pepper using solarization technique**		10	-	38	33	15	-	-	-	-	-	-	-	-	-	-
	Integrated disease management	Quick wilt management in Black Pepper	-	11	4.0	1.67kg/pt	1.33 kg /pt	48.12	-	-	14000	82740	67740	5.91	12000	55860	43860	4.69
Commercial	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	**Introduction of fodder**	**Popularization of CO-4 fodder**	-	**13**	**0.4 ha**													
Plantation	Integrated disease Management	Management of Koleroga in Arecanut	-	24	**4**	**26.5**	**19.22**	**37.87**	-	-	60000	288000	228000	4.80	50000	192000	142000	3.84
	Integrated pest Management	Management of Root grub management in Arecanut	-	10	**4**	**9.5**	**6**	**58.33**	-	-	35000	76800	41000	2.19	30000	48000	18000	1.6
	Integrated disease Management	Management of Inflorescence Die back in Arecanut	-	17	**4**													
	Nutrient Management	Integrated Nutrient Management in Arecanut	-	10	**1**	**37.5**	**27.5**	**36.36**	-	-	175000	525000	350000	3.00	180000	385000	205000	2.14
	Integrated pest Management	Management of Rhinoceros beetle in coconut	-	10	**4**													
	Integrated pest Management	Management oif tea mosquito bug in Cashew	-	15	4	9.3	5.23	77.82	-	-	25000	83700	58700	3.34	20000	47070	27070	2.25
Fibre																		
Others (pl.specify)																		
		Total		**241**	**58.9**													

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

** BCR= GROSS RETURN/GROSS COST

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																		
Poultry	Live stock management	Backyard Rearing of swarnadhara poultry chicks using locally available ingradients	-	30	-	2.60kg/bird	0.85 kg/bird	205.88	-	-	116/bird	312/bird	196/bird	2.69	75/bird	170/bird	95/bird	2.26
Rabbitry																		
Pigerry																		
Sheep and goat																		
Duckery																		
Others (pl.specify)																		
		Total		**20**	**-**													

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fish and prawn	Fish culture	Polyculure of fish & prawn	-	04	-	**Under Progress :** At end of 235 days the growth variation of fish and prawn is as follows: Catla : 0.60 – 0.90 kg : Rohu : 0.50 – 0.80 kg: Prawn : 20 – 45 gm (Harvesting will be done in the month of July/August 2013)											
Fish and Piglets	Integrated fish farming	Integration of fish with pig arming	-	03	-	**Under Progress :** At end of 215 days the growth variation of fish and piglets is as follows: Catla: 0.60 – 0.90 kg ; Rohu : 0.50 – 0.80 kg; Common carp : 0.40 – 0.60 kg ; Piglets: 55 – 70 kg (Harvesting will be done in the month of July/August 2013)											
Fish	Utilization of weed ponds	Utilization of weed infested farm ponds /tanks for Polyculture of fish.	-	04	-	**Under Progress :** At end of 205 days the growth variation of fish is as follows: Grass carp : 0.60 – 0.90 kg : Common carp : 0.40 – 0.60 kg Silver carp : 0.50 – 0.80 kg (Harvesting will be done in the month of July/August 2013)											
	Polyculture of fish	Poly culture of fish with desirable fish species (80:20 pond fish farming)	-	04	-	**Under Progress** At end of 225 days the growth variation of fish is as follows: Catla : 0.60 – 0.95 kg : Rohu : 0.60 – 0.85 kg: Silver carp : 0.50 – 0.85 kg (Harvesting will be done in the month of July/August 2013)											
	Utilization of brakish water ponds	Culture of seabass (*Lates calcarifer*) in brackish water ponds	-	**02**	-	FLD was not conducted due to lack of availability of resources											
Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Total		**15**														

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises : Nil

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

Apiculture	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																	

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

Women empowerment: Nil

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

Farm implements and machinery : Nil

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit ect.)			
						Demonstration	Check									
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Other enterprises

Demonstration details on crop hybrids : Nil

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demonst-ration	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals	-	-	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-

Total	-	-	-	-	-	-	-	-	-	-
Vegetable crops	-	-	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

IV. Training Programme

Farmers' Training including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	01	24	05	29	09	01	10	29	10	39
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management (Bhoochetana)	01	30	09	39	03	00	03	33	09	42
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	01	38	07	45	00	00	00	38	07	45
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	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	01	35	00	35	00	00	00	35	00	35
Processing and value addition	01	11	14	25	00	00	25	11	14	25
Others (pl.specify)	01	13	02	15	00	00	00	13	02	15
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-

Nursery management	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	03	10	114	124	00	00	00	10	114	124
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	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	01	45	04	49	06	00	06	45	10	55
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	02	43	09	52	07	00	07	50	09	59
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	02	06	65	71	00	03	03	06	68	74
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	01	52	08	60	00	00	00	52	08	60
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	01	42	17	59	28	13	41	70	30	100
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**17**	**365**	**266**	**631**	**59**	**23**	**82**	**424**	**289**	**713**

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	05	77	42	119	36	33	69	113	75	188
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	01	14	03	17	01	02	03	15	05	20
Cropping Systems	01	12	00	12	00	00	00	12	00	12
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	03	16	05	21	04	01	05	20	06	26
Integrated Crop Management	01	09	06	15	02	03	05	15	05	20
Soil and Water Conservation	01	13	00	13	03	00	03	16	00	16
Integrated Nutrient Management										
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

Horticulture	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Production of low value and high volume crop	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	01	40	11	51	00	00	00	40	11	51
Nursery raising	-	-	-	-	-	-	-	-	-	-
Exotic vegetables	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-
Protective cultivation	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)Nutrient Management	02	44	05	49	00	00	00	44	05	49
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others: Banana: Integrated crop management in banana	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others : Jasmine cultivation	02	21	25	46	2	5	7	31	22	53
d) Plantation crops										
Production and Management technology	02	76	04	80	23	02	25	99	06	105
Processing and value addition										

Others: Banana	02	47	01	48	00	00	00	47	01	48
e) Tuber crops										
Production and Management technology	01	17	02	19	03	00	03	20	02	22
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	01	09	06	15	05	03	08	14	09	23
Integrated water management	01	12	12	24	06	10	16	18	22	40
Integrated nutrient management	01	16	02	18	00	00	00	16	02	18
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	01	09	06	15	02	03	05	11	09	20
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	01	23	05	28	05	02	07	28	07	35
Piggery Management	-	-	-	-	-	-	-	-	-	-

Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	01	15	05	20	01	01	02	16	06	22
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	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	01	0	10	10	00	00	00	0	10	10
Value addition	-	-	-	-	-	-	-	-	-	-
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	01	10	-	10	00	00	00	10	0	10
Others : Use of ICT in Agriculture marketing (Sponsored)	-	-	-	-	-	-	-	-	-	-

Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	01	15	03	18	02	00	02	17	03	20
Integrated Disease Management	02	24	5	29	01	00	00	25	05	30
Bio-control of pests and diseases	02	32	04	36	07	01	05	39	05	44
Production of bio control agents and bio pesticides	01	23	00	23	00	00	00	23	00	23
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) Inland Fisheries	-	-	-	-	-	-	-	-	-	-
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 (Biodiesel)	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**52**	**979**	**555**	**1534**	**313**	**166**	**480**	**1243**	**771**	**2014**

Training for Rural Youths including sponsored training programmes (on campus): Nil

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	03	48	03	51	05	04	09	53	07	60
Value addition	-	-	-	-	-	-	-	-	-	-
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	03	48	03	51	05	04	09	53	07	60

Training for Rural Youths including sponsored training programmes (off campus) Nil

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	-	-	-	-	-	-	-	-	-	-
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	0	0	0	0	0	0	0	0	0	0

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	-	-	-	-	-	-	-	-	-	-
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 Polyculture of Fish for food and nutritional security.	01	14	00	14	00	00	00	14	00	14
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)- Value addition	02	15	50	65	00	00	00	15	50	65
Any other (pl.specify)- FFS for Extension Personnel	-	-	-	-	-	-	-	-	-	-
Total	03	29	50	79	00	00	00	29	50	79

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

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	-	-	-	-	-	-	-	-	-	-
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 : Value addition	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**	-	-	-	-	-	-	-	-	-	-
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	-	-	-	-	-	-	-	-	-	-
6	**Others (pl.specify)**	-	-	-	-	-	-	-	-	-	-
7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition(DCCD, Cochin)	-	-	-	-	-	-	-	-	-	-
7.b.	Others : Friends of Coconut tree (CDB)	-	-	-	-	-	-	-	-	-	-
8	**Farm machinery**	03	48	03	51	05	04	09	53	07	60
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	Polyculture of Fish for food and Nutritionnal security	01	14	00	14	00	00	00	14	00	14
10.d	Fisheries Management (KVAFSU, Bidar)	06	157	73	230	45	18	63	202	91	293

10.e.	Others : Ornamental fish breeding and rearing (Sponsored by MPEDA)	01	26	03	29	07	00	07	33	03	36
11.	**Home Science**	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
12	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
12.a.	Capacity Building and Group Dynamics ATMA	01	30	09	39	03	00	03	33	09	42
12.b.	Others:	-	-	-	-	-	-	-	-	-	-
	Total	12	275	88	363	60	22	79	335	110	445

Details of vocational training programmes carried out for rural youth: Nil

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	-	-	-	-	-	-	-	-	-	-
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-
4.c.	Repair and maintenance of farm machinery and implements	**03**	48	03	51	05	04	09	53	07	60
4.d.	Rural Crafts	-	-	-	-	-	-	-	-	-	-
4.e.	Seed production	-	-	-	-	-	-	-	-	-	-
4.f.	Sericulture	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
5	**Agricultural Extension**	-	-	-	-	-	-	-	-	-	-
5.a.	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	Grand Total	**03**	48	03	51	05	04	09	53	07	60

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (Telephone calls)	-	1733	-	1733
Diagnostic visits	2	-	-	2
Field Day	07	200	-	200
Group discussions	-	-	-	-
Kisan Ghosthi	03	241	-	241
Film Show	01	55	-	55
Self -help groups	-	-	-	-
Kisan Mela	01	1389	-	1389
Exhibition	05	1798	30	1828
Scientists' visit to farmers field	273	-	-	273
Plant/animal health camps	-	-	-	-
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	-	-	-	-
Method Demonstrations	04	51	-	51
Celebration of important days				
-(World food day)	01	74	-	74
-Technology week	01	293	-	293
Special day celebration (women in agriculture day)	01	42	-	42
Exposure visits	02	-	-	02
Others : Farmers visit to KVK	-	518	-	-
Total				

Details of other extension programmes

Particulars	Number
Electronic Media	-
Extension Literature	07
News Letter	-
News paper coverage	59
Technical Articles	04
Technical Bulletins	-
Technical Reports	-
Radio Talks	08
TV Talks	02
Animal health camps (Number of animals treated)	-
Others (pl.specify) Soil health camp	01
Total	**81**

VI. PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy-Seed-2012-13	MO-4	3.37	8088.00	10
	Paddy-Bulk-2012-13	MO-4	57.50	70258.00	26
Oilseeds	-	-	-	-	-
Pulses	Black gram	-	0.08	800.00	1
Commercial crops	-	-	-	-	-
Vegetables	Bhendi, Ridge gourd, Drumstick	-	4.41	7902.00	113
Flower crops	-	-	-	-	-
Spices	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-
Fiber crops	-	-	-	-	-
Forest Species	-	-	-	-	-
Others	-	-	-	-	-
Total	**-**	**-**	**9228.00**	**165968.00**	**150**

Production of planting materials by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Number	Value (Rs.)	Number of farmers
Commercial	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-
Fruits	Banana	G-9	140kg	2805.00	57
Ornamental plants	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-
Plantation	Coconut		8270 No	42275.00	20
	Mango trees		16 No	20150.00	1
	Jack		10 No	5300.00	1
	Cashew		2 No	400.00	1
	Sapota		1 No	150.00	1
Spices	-	-	-	-	-
Tuber	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-
Forest Species	-	-	-	-	-
Others	-	-	-	-	-
Total	-	-	-	**71080.00**	-

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	Trichoderma	45.75kg	5210.00	12
Bio Agents	-	-	-	-
Others	Vermi compost	144.75	1592.75	15
Total	**-**	**190.5**	**6802.75**	**27**

Production of livestock and related enterprise materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals	-	-	-	-
Cows	-	-	-	-
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others : Goat kids+ Goats	-	-	-	-
Poultry				
Broilers	Swarnadhara	396	43084.00	35
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify) Rabbit	-	-	-	-
Piggery	-	-	-	-
Piglet+Pig	Yorkshire	24	111300.00	12
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	**-**	**420**	**121030.00**	**37**

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

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**61**	**61**	**22**	**1830**
Water	**01**	**01**	**01**	**50**
Plant	**-**	**-**	**-**	**-**
Manure	**-**	**-**	**-**	**-**
Others (pl.specify)	**-**	**--**	**-**	**-**
Total	**62**	**62**	**23**	**1880**

VIII. SCIENTIFIC ADVISORY COMMITTEE:

Number of SACs conducted : 01
Scientific Advisory Committee Meeting was conducted on 29-07-2012 at KVK Mangalore. There were 29 participants including Scientists, Development Department Officers Farmer Represenrtatives.

IX. NEWS LETTER:

Number of issues of newsletter published "-nil-

X. RESEARCH PAPER PUBLISHED

Number of research paper published :nil

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

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

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Nutrient