

PROFORMA FOR ANNUAL REPORT 2014-15

(FOR THE PERIOD APRIL 2014 TO MARCH 2015)

KRISHI VIGYAN KENDRA, UDUPI DISTRICT

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 Zonal Agricultural & Horticultural Research Station Brahmavar	Office 0820- 2563923	Fax 0820- 2561011	email- kvkudupi@gmail.com	

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

Address	Telephone		E mail	Web Address
	Office	Fax		
University of Agricultural and Horticultural Sciences	Ph: 08182267001	08182298008	vcuahss2014@gmail.com	http://www.uahs.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Jayalaxmi Narayan Hegde	9448642416	9480838202	kvkudupi@gmail.com

1.4. Year of sanction:2001

1.5. Staff Position (as 31st March 2015)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asst.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Dr. Jayalaxmi Narayan Hegde	Programme Coordinator	F	Plant Protection	M.Sc., Ph.D	15600-39100	37400+9000	04.02.12	Permanent	General
2	SMS	Mr. Chaitanya H.S.	SMS	M	Horticulture	M. Sc	15600-39100	16918+6000	01.10.12	Permanent	General
3	SMS	Mr. R. Jayaprakash	SMS	M	Soil Science	M. Sc	15600-39100	16918+6000	29.11.12	Permanent	SC
4	SMS	Dr Satheesh N.	SMS	M	Home Science	M.Sc., Ph.D	15600-39100	16250+6000	27.09.13	Permanent	SC
5	SMS	Dr Ganesh Prasad T.	SMS	M	Agril Extn.	M.Sc., Ph.D	15600-39100	16250+6000	30.09.13	Permanent	SC
6	SMS	Dr. N.E. Naveen	SMS	M	Agronomy	M.Sc., Ph. D	15600-39100	16250+6000	01.10.13	Permanent	IIIB
7	SMS	Mr Srinivas H. Hulkoti	SMS	M	Animal Science	M. Sc	15600-39100	16250+6000	23.11.13	Permanent	ST
8	Programme Assistant(Lab Tech.)/T-4	Mr. Sanjeev Kyatappanavar	Training Assistant	M		M. Sc	9300-34800	11000+4200	21.02.11	Permanent	III B
9	Programme Assistant (Computer)/ T-4	Mrs Shailaja	Programme Assistant (Computer)	F		BBM	9300-34800	11000+4200	24.01.11	Permanent	III B

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asst.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
10	Programme Assistant/ Farm Manager	Mrs S.M. Vidyashree	Farm Manager	F		M.Tech (Agril. Engineering)	9300-34800	10560+4200	10.11.11	Permanent	SC
11	Assistant	Ms Leelavathi	Assistant	F		BSc		12000/- consolidated	05.01.15	Contract	I A
12	Jr. Stenographer	Ms. Ashalatha G.	Typist cum computer operator	F		BA		10910 consolidated	05.01.15	Contract	II A
13	Driver	Mr Riyaz Ahmed Nabi Saheb Nadapa	Driver (Jeep)	M		10 th	11600-21000	12000	05.09.12	Permanent	I A
14	Driver	Mr.Veeresh	Driver	M		10 th	14550-26700	16800	23.11.08	Permanent	IIA
15	Supporting staff	Mr. Razak Hazarath Saheb Walikar	Assistant Cook-cum-caretaker	M		7 th	10400-16400	11600	23.10.08	Permanent	II A
16	Supporting staff	Mr. Mr Rithesh	Office Attendant	M		PUC, ITI	11600-21000	8400	15.04.15	Permanent	SC

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

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	4.0
3.	Under Crops	13.0
4.	Orchard/Agro-forestry	-
5.	Others	2.6

1.7. Infrastructural Development:

A) Buildings

Sl. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	November-2012	550	45 lakhs			
2.	Farmers Hostel	ICAR	2002	4879	30 lakh		Nil	
3.	Staff Quarters		Sanctioned this year					
4.	Demonstration Units							
	1	ICAR	2007	2.0 ha	1,00,000			
	2	NCOF	2008	600	1,50,000			
	3	ZP-Udupi	Sanctioned recently for Rs.7.5 lakh and work in progress					
5	Fencing		Planned during current year					
6	Rain Water harvesting system		Planned during current year					
7	Threshing floor		NA					
8	Farm godown		NA					

B) Vehicles

<i>Type of vehicle</i>	<i>Year of purchase</i>	<i>Cost (Rs.)</i>	<i>Total kms. Run</i>	<i>Present status</i>
Tractor	2002	2,97,000	224.6 hrs	Not in Good condition
Bolero-Jeep	2002	5,00,000	24315	Not in Good condition

C) Equipments & AV aids

<i>Sl. No.</i>	<i>Name of Equipments</i>	<i>Year of purchase</i>	<i>Cost (Rs.in lakhs)</i>	<i>Present status</i>
<i>Lab equipments (Soil science)</i>				
1.	Autoclave- Vertical	2009	25,500	Good
2.	Combined Electrode Model CL -518	2008	1,000	Good
3.	Digital Conductivity meter	2005	7,400	Good
4.	Digital Micropipettes	2009	18,827	Good
5.	Digital PH meter	2005	8,550	Good
6.	Double glass distillating unit	2005	49,000	Good
7.	Ducting from fume cupboard	2005	23,000	Good
8.	Electronic Acid Neutralizer scrubber	2005	24,000	Good
9.	Electronic automatic kel plus microprocessor (Digestion system)	2005	53,000	Good
10.	Electronic automatic kel plus microprocessor (Distillation system)	2005	86,000	Good
11.	FGL I 615 PH meter	2009	6,346	Good
12.	Flame photometer	2005	39,000	Good
13.	Fume cup board	2005	42,000	Good
14.	Hot air oven	2005	20,000	Good
15.	Hot air oven PSM make	2009	18,370	Good
16.	Hot plate with thermostatic control	2005	9,600	Good
17.	Laminar air flow	2009	44,900	Good
18.	LG Frost free refrigerator	2006	22,000	Good
19.	Magnetic stirrer with hot plate	2005	5,500	Good
20.	Physical balance	2005	12,000	Good
21.	Research Microscopes	2009	59,160	Good

<i>Sl. No.</i>	<i>Name of Equipments</i>	<i>Year of purchase</i>	<i>Cost (Rs.in lakhs)</i>	<i>Present status</i>
22.	Rotary Shaker	2005	28,000	Good
23.	Spectrophotometer	2005	46,200	Good
24.	Top loading balance	2005	49,000	Good
<i>Equipments (Home science)</i>				
1.	Axpert Electronic weighing machine	2008	7,800	Good
2.	Floor Mill with S.S Body 1 HP Motor	2008	9,100	Good
3.	Bajaj Oven Toaster Griller	2008	5,050	Good
4.	Hydropress Pillar type Hydraulic press Hand operated 5 tonnes cap.	2008	38,470	Good
5.	L G Frost free Refrigerator	2008	27,333	Good
6.	Stainless steel Drum & Round Tray	2008	3,051	Good
7.	Butterfly Gas Stove	2009	2800	Good
<i>Plant Protection Equipments</i>				
1.	ASPEE GR 25/BH Gotor Rocking Sprayer	2008	3,585	Good
2.	ASPEE Sprayer	2006	1255	Good
3.	Battery operated Sprayer	2009	4,615	Good
<i>Farm implements</i>				
1.	OLEO - MAC Weed cutter 2.4 HP	2009	30,000	Good
2.	Silco All metal portable platform scale (300 kg)	2009	8,700	Good
<i>Other equipments</i>				
1.	UPS 1.4 KVA Powerline	2008	23,558	Good
2.	Euroclean Vaccum Cleaner	2008	6,125	Good
<i>Audio visual aids</i>				
1.	BPL Colour TV 63 cm	2002	25,000	Good
2.	Computer (Samsung)	2006	38,000	Good
3.	Computer (Compaq)	2003	42,000	Good
4.	Copier –Godrej	2002	77,954	Old
5.	Desk top Computers (HCL) 2 nos	2008	46,000	Good
6.	Digital Copier cum net work printer (Xerox machine)	2008	55,120	Good
7.	Display Boards 15 nos	2009	30,000	Good
8.	LCD Panasonic 1500 Lumens	2007	64,125	Good
9.	LCD projector (Hitachi)	2009	44,990	Good

<i>Sl. No.</i>	<i>Name of Equipments</i>	<i>Year of purchase</i>	<i>Cost (Rs.in lakhs)</i>	<i>Present status</i>
10.	Laptop (Compaq)	2003	75,000	Good
11.	Laptop ACER	2007	35,500	Good
12.	Multimedia Projector Sanyo	2002	1,44,349	Good
13.	Motorised Screen	2008	23,000	Good
14.	OHP with bill board for projection	2002	24,862	Good
15.	Printer (Lexmark) 2 nos	2008	31,290	Not working
16.	Printers (Epson) Dot matrix	2003	7,000	Good
17.	Triphod stand with screen	2002	-	Good
18.	Touch screen information Kiosk	2008	1,24,569	Good
19.	UPS – APC 500 VA (3 nos)	2008	5,550	Not working
20.	Video Camera (Sony)	2008	1,84,000	Good
21.	Visual Production Unit	2008	5,99,500	Good
22.	Video Camera-Soy-Handy Cam	2001	56,000	Old
23.	Godrej copier (Xerox machine)	2002	77,954.00	Old (Not in working condition)

1.8. Details SAC meeting conducted in 2013-14

SAC Number	SAC Conducted Date	No. of Participants	No. of Absentees	Recommendations	Action Taken
11th SAC 2014	8/14/2014	42	-	<p>1. Training programme on repair and maintenance of sprayers to be conducted by involving expert technician for farmers/Rural youth.</p> <p>2. Training programme on Koleroga management in Arecanut to be conducted by involving Dept. of Horticulture, SKDRDP and lead progressive farmers. The resource persons</p>	<p>1. Training programme on repair and maintenance of sprayers and agriculture implements have been conducted from 11.09.2015 to 13.09.2015 at KVK, Brahmavar and 38 farmers/ rural youth were trained on the repair techniques of different types of sprayers and important agriculture implements</p> <p>2. Training programme/ Vichar Sankirna on the management of pests and diseases were conducted on 03-09-2014 wherein the integrated management of Koleroga was also addressed. Dr. Vinayaka Hegde,</p>

			<p>from CPCRI, Kasargod and Arecanut Research Station, Shivamogga to be invited as a resource person.</p> <p>3. Agriculture Department officials and representatives of Krishika Samaja should be invited for the important training programmes of Krishi Vigyan Kendra.</p> <p>4. Training programmes should be conducted based on the interest and essentiality of farmers/farm women/rural youth of this region</p> <p>5. Hatchery unit may be established at KVK farm for providing poultry chicks as and when required by the farmers for encouraging poultry farming</p> <p>6. Introduce the important popular /adopted varieties and hybrids to this region which had been released from Agriculture Universities of Karnataka</p> <p>7. At medicinal plants demonstration unit information of the plant and its uses has to be mentioned in the display board.</p> <p>8. Good quality neem cake to be procured from different KVKs to supply among the interested farmers</p> <p>9. Introduce the ruling ground nut varieties such as ICGV 91114 / TMV-2/GPBD-4/KCG-6/K6 in the farmers field under technology assessment</p>	<p>Scientist, CPCRI, Kasargod and Dr. Narayansamy, Professor, Dept. Plant Pathology, Shivamogga were the resource persons</p> <p>3. In most of the important training programmes of Krishi Vigyan Kendra Agriculture Department officials and representatives of Krishika Samaja are invited</p> <p>4. Training programmes being organized at KVK are need based. Based on the paper advertisement, the interested candidates will be attending the training programme</p> <p>5. Budget is proposed for ZPD to establish hatchery unit, if it sanctioned it will be established at KVK</p> <p>6. We are Introducing the important popular /adopted varieties and hybrids released by Universities and IIHR, Bangalore through OFTs/FLDs in Paddy, Groundnut, Blackgram</p> <p>7. Common names, medicinal uses and the part used for the medicine has been mentioned in the display board of the medicinal plant demonstration unit</p> <p>8. Farmers were asked about this, but due to high cost none of the farmers came forward for this. Kundapur farmers they themselves are getting good NSKE from Gulburga.</p> <p>9. On Farm Testing has been taken in 2013-14 and is continued in 2014-15 (crop will be harvested in 25th March, 2015)</p>
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			<p>and seed production of the promising variety may be taken up.</p> <p>10. Introduce new varieties in Chrysanthemum and information regarding marketing aspects of Chrysanthemum need to be given.</p> <p>11. Production of banana special and vegetable special at KVK farm to be started by taking license from IIHR, Bangalore and supply to the farmers.</p> <p>12. During bakery training programme give importance to value addition of local fruits and conduct the training programme on value addition of different products for SHGs members and for sale of such value added products at KVK, Brahmavar.</p> <p>13. Arrange for visit of interested farmers on commercial poultry farming to Namakal, Tamil Nadu for getting information on scientific poultry farming.</p> <p>14. Demonstrating mechanization in paddy to be organized /conduct in one village or group of farming community in collaboration with Dept. of Agriculture, JDA, Udupi Conduct training programmes on production technology of green manure crops and pulse crops.</p> <p>15. Conduct training programme for school children on importance of agriculture and nutritional garden.</p>	<p>10. OFT on Assessment of Chrysanthemum varieties has been taken and tested for their yield</p> <p>11. Action will be taken in the year 2015-16</p> <p>12. Bakery training programme will be conducted during December, 2015 in which the value addition of the local fruits will be given importance, the branding and marketing of the products will be educated</p> <p>13. Visits will be arranged for interested farmers on commercial poultry farming to Namakal, Tamil Nadu for getting information on scientific poultry farming during June- July, 2015</p> <p>14. Collaborated with Mukambika Battada Belegarara Sanga, Kundapur taluk for training the farming community on Mechanization in paddy from seed to seed Off campus training programme has been proposed and will be carried out during Kharif/Rabi-2015</p> <p>15. One on campus training programme for two days and four off campus training programme were conducted at Govt. Primary School, Kota, Saibrakatte,</p>
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				<p>Pervaje and Vaddarse where different topics on agriculture, beekeeping, nutritional gardening were covered and also method demonstration on budding, grafting and vermicomposting were conducted. Also participated as a resource person in different schools on agriculture awareness topic. During Celebration of important days such as National Science day and Vanamahotsava conducted Government schools of Januvarukatte and Nadoor, KVK scientists gave technician information on different aspects of Agriculture and allied</p>
			<p>16. Conducting training programme on popularization of blackgram variety-Rashmi in collaboration with Dept. of Agriculture, JDA, Udupi</p>	<p>16. Off campus training programme has been proposed and will be carried out during Kharif/Rabi-2015</p>
			<p>17. Introduce resistant varieties of Bhendi for yellow vein mosaic disease</p>	<p>17. Resistant variety of Bhendi was introduced during ICM in Bhendi by SMS(Horticulture). But farmers did not show interest in cultivation of Green bhendi in place of local Halu Bhendi</p>
			<p>18. Establish fodder crop demonstration unit at Krishi Vigyan Kendra and also introduce good fodder varieties developed from different Agriculture Universities of Karnataka to the farmers</p>	<p>18. Fodder bank of high yielding varieties have been established at KVK plot and high yielding fodder varieties have been introduced</p>

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.	Agriculture
2.	Horticulture
3.	Fisheries and Dairy Farming

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-10	Laterite soil, heavy rainfall of 4000 mm/annum, both hilly and plain land area

S. No	Agro ecological situation	Characteristics
1.	Coastal zone	Heavy rainfall, hot humid climatic condition

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Laterite soil	Strongly acidic, light textured, low water holding soils with medium available nitrogen, high phosphorus and low potassium status	3 lakh ha.

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

<i>S. No</i>	<i>Crop</i>	<i>Area (ha)</i>	<i>Production (Metric tons)</i>	<i>Productivity (kg /ha)</i>
1.	Paddy	56330	228130	4049
2.	Groundnut	2050	3890	1900
3.	Black gram	4670	3260	700
4.	Greengram	82	50	600
5.	Cowpea	340	720	800
6.	Horsegram	210	130	620
7.	Coconut	17299	2283.30	0.13
8.	Arecanut	6881.00	12545.00	1.82
9.	Pepper	282.00	104.60	0.37

<i>S. No</i>	<i>Crop</i>	<i>Area (ha)</i>	<i>Production (Metric tons)</i>	<i>Productivity (kg /ha)</i>
10.	Cashew	19411.00	39823.00	2.05
11.	Banana	1463.00	29595.00	20.23
12.	Mango	1369.00	24135.00	17.63
13.	Jasmine	313.00	2282.00	7.29
14.	Cocoa	110.00	65.60	0.60
15.	Chilly	66.00	90.00	1.36
16.	Chrysanthemum	65.00	975.00	15.00

2.5.1.1. Weather data

Months	RF (mm)	Rainy day	Max.Temp	Min.Temp	WS	RH-I	RH-II
January	0	0	32.37	19.76	3.95	76.52	53.19
February	0	0	33.75	20.20	4.81	79.18	61.96
March	0	0	34.50	22.59	5.29	78.26	63.97
April	11	3	35.23	25.64	5.18	81.47	65.97
May	99.7	3	33.01	25.26	5.03	81.77	62.81
June	508	18	31.37	24.46	6.13	87.93	73.20
July	978.6	29	28.75	24.70	6.08	94.61	84.19
August	1190.2	27	28.77	23.58	4.71	96.97	86.45
September	334.4	21	29.99	23.44	4.54	94.70	80.40
October	212.9	8	31.76	23.66	3.36	91.03	75.35
November	106.6	3	31.67	21.48	3.19	88.43	71.00
December	3.2	1	32.78	21.15	3.35	90.77	63.13
Total/Mean	3444.6	113	32.00	22.99	4.63	86.80	70.14

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

<i>Category</i>	<i>Population</i>	<i>Production (Tones)</i>	<i>Productivity</i>
Cattle			
<i>Crossbred</i>	77344		
<i>Indigenous</i>	238393		
Buffalo	26610		
Sheep			
Crossbred			
<i>Indigenous</i>	59		
Goats	2732		
Pigs			
<i>Crossbred</i>	314		
<i>Indigenous</i>	776		
Rabbits	186		
Poultry	589412		
Hens			
<i>Desi</i>			
<i>Improved</i>			
Ducks	-		
Turkey and others	-		

<i>Category</i>	<i>Area</i>	<i>Production(Tons)</i>	<i>Productivity</i>
Fish			
<i>Marine</i>		98550	-
<i>Inland</i>		1831	-
Prawn			
Scampi		-	-
Shrimp		1831	4-5 tons

District profile has been **Updated** for 2013-14 Yes / No: Yes

2.8 Details of Operational area / Villages

<i>Sl No.</i>	<i>Taluk</i>	<i>Name of the block</i>	<i>Name of the village</i>	<i>How long the village is covered under operational area of the KVK (specify the years)</i>	<i>Major crops & enterprises</i>	<i>Major problem identified</i>	<i>Identified Thrust Areas</i>
1.	Udupi, Karkala and Kundapur	Byndoor Brahmavar Ajekar	Teggarse Cherkady Irgana Durga jarkala	1 year	Paddy	<ul style="list-style-type: none"> ☞ Acidic soils ☞ Improper nutrient management ☞ Low yielding varieties ☞ Chaffyness of grains ☞ Blast disease ☞ Labour scarcity 	<ul style="list-style-type: none"> ☞ Soil reclamation ☞ INM ☞ Introduction of high yielding varieties ☞ IDM ☞ Mechanization like Use transplanter, drum seeder, paddy combined harvester etc,
2.	Udupi Kundapur and Karkala	Byndoor Ajekar	Teggarse Irgana Durga jarkala	2 year	Paddy	<ul style="list-style-type: none"> ☞ Leaf folder, Gall midge ☞ Gundy Bug, Blast, ☞ Acidic soil ☞ Improper nutrient management 	<ul style="list-style-type: none"> ☞ IPM ☞ IDM ☞ INM
3.	Udupi Kundapur and Karkala	Kota Hebri	Innanje Airody Pandeshwara Nalkur	6 months	Blackgram	<ul style="list-style-type: none"> ☞ Local varieties ☞ Broad casting ☞ Improper nutrient management 	<ul style="list-style-type: none"> ☞ High yielding varieties ☞ Optimum spacing ☞ INM
4.	Udupi and Kundapur	Kota Byndoor	Kota Manure Nagoor Kambadakone	3 years	Groundnut	<ul style="list-style-type: none"> ☞ Low yielding varieties ☞ Uneven spacing ☞ Improper nutrient management 	<ul style="list-style-type: none"> ☞ Introduction of new varieties ☞ Optimum Plant population, ☞ Application of gypsum
5.	Udupi Kundapur Karkala	Mandarti Shiroor	Senapura	1 year	Banana	<ul style="list-style-type: none"> ☞ Inadequate plant population ☞ Improper nutrient management ☞ Acidic soil 	<ul style="list-style-type: none"> ☞ Adoption of Recommended spacing maintenance ☞ INM. ☞ Micronutrient management
6.	Udupi and Karkala	Kaup Karakala	Shankarapura Belve	3 years	Jasmine	<ul style="list-style-type: none"> ☞ White fly infestation ☞ Leaf spot 	<ul style="list-style-type: none"> ☞ IPM ☞ INM

<i>Sl No.</i>	<i>Taluk</i>	<i>Name of the block</i>	<i>Name of the village</i>	<i>How long the village is covered under operational area of the KVK (specify the years)</i>	<i>Major crops & enterprises</i>	<i>Major problem identified</i>	<i>Identified Thrust Areas</i>
			Innanje Belmannu			<ul style="list-style-type: none"> ☞ Improper nutrient management ☞ Lack of know how on training and pruning 	<ul style="list-style-type: none"> ☞ IDM ☞ Pruning techniques
7.	Kundapura	Kundapur	Hemmadi Kirimanjeshwar	2 years	Chrysanthemum	<ul style="list-style-type: none"> ☞ Low yielding local cultivars ☞ Imbalanced Nutrition ☞ Insect pest menace 	<ul style="list-style-type: none"> ☞ Introduction of high yielding varieties ☞ INM and IPM
8.	Udupi Kundapur Karkala	Byndoor Vandse Ajekar	Teggarse Pethri Vandse Kenchanur Irgana Durga jarkala	2 years	Areca nut	<ul style="list-style-type: none"> ☞ Root grub infestation ☞ Dieback of inflorescence ☞ Mahali (Kole roga) ☞ Improper nutrient management ☞ Acidic soil ☞ Low yielding varieties 	<ul style="list-style-type: none"> ☞ Integrated Root grub management ☞ IDM ☞ INM ☞ Introduction of New varieties ☞ Quality seedlings production
9.	Karkala	Byndoor Vandse Karkala	Teggarse Irgana Durga jarkala	2 years	Coconut	<ul style="list-style-type: none"> ☞ Red palm weevil ☞ Stem bleeding in coconut ☞ Mite infestation ☞ Improper nutrient management ☞ Acidic soil 	<ul style="list-style-type: none"> ☞ INM ☞ IDM ☞ IPM
10.	Udupi Kundapur	Udupi Kundapur	Mattu Basroor	3 years	Brinjal	<ul style="list-style-type: none"> ☞ Bacterial Wilt ☞ Shoot and fruit borer ☞ Whitefly 	<ul style="list-style-type: none"> ☞ IDM ☞ IPM ☞ Quality seedling production
11.	Udupi Kundapur Karkala	Kota Karkala	saligram Kota Irgana Durga Jarkala	2 years	Agriculture / Horticulture	<ul style="list-style-type: none"> ☞ Acidic soils ☞ Improper nutrient management 	<ul style="list-style-type: none"> ☞ Reclamation by liming ☞ INM

<i>Sl No.</i>	<i>Taluk</i>	<i>Name of the block</i>	<i>Name of the village</i>	<i>How long the village is covered under operational area of the KVK (specify the years)</i>	<i>Major crops & enterprises</i>	<i>Major problem identified</i>	<i>Identified Thrust Areas</i>
12.	Udupi Kundapur Karkala	Uchila Brahmavar	Kottambailu Thenkanediyyur Kalyanapura Kukkude MuduKukkude	2 years	Human Nutrition	<ul style="list-style-type: none"> ☞ Balanced nutrition, ☞ Inadequate consumption of ☞ fruits and vegetables 	<ul style="list-style-type: none"> ☞ Balanced nutrition ☞ Encouraging growing of ☞ fruit crops in kitchen ☞ garden
13.	Udupi Kundapur Karkala	Uchila Brahmavar	Kottambailu Thenkanediyyur Kalyanapura Kukkude MuduKukkude	2 years	Value addition of foods	<ul style="list-style-type: none"> ☞ Lack of technical know how on value addition of ☞ Cashew fruits 	<ul style="list-style-type: none"> ☞ Baking technology ☞ Value addition for locally available fruits like jackfruit, Garcinia, Pineapple etc. ☞ Value added products of fruits and vegetables
14.	Udupi Kundapur Karkala	Hebri	Santhekatte, kannar, Amavase bailu	2 year	Fodder	<ul style="list-style-type: none"> ☞ Shortage of green fodder ☞ Less fat in milk ☞ High cost of production ☞ Worm menace in animals 	<ul style="list-style-type: none"> ☞ Azolla as supplementary green fodder ☞ Use of CO-4 fodder crop ☞ De worming
15.	Udupi Kundapur Karkala Udupi	Uppunda Petri Brahmavara	Petri Avarse Nitte Pethri Kenchnur Shiriyara	3 years	Fisheries	<ul style="list-style-type: none"> ☞ White spot disease in shrimp farming ☞ Poor quality of dried sea fish, ☞ weed menace in fish pond 	<ul style="list-style-type: none"> ☞ Scientific farming, ☞ Better management practices ☞ Culture of Grass carp ☞ Culture of catfish
16.	Udupi Kundapur Karkala	Karkala Brahmavara Kota	Karkala Brahmavara Avarse Mandarathi	2 year	Poultry	<ul style="list-style-type: none"> ☞ Low yield and survival ☞ Egg damage 	<ul style="list-style-type: none"> ☞ Encouraging Backyard poultry farming with new breeds viz. Swarnadhara

2.9 Priority thrust areas

<i>Sl. No.</i>	<i>Thrust Areas</i>
1.	Introduction of High Yielding Varieties (HYVs)
2.	Integrated Nutrient Management (INM)
3.	Integrated Farming system (IFS)
4.	Soil Reclamation
5.	Water Conservation and Management
6.	Organic Farming
7.	Integrated Pest and Disease Management (IPDM)
8.	Non Insecticidal Pest management (NIPM)
9.	Agro processing and value addition
10.	Drudgery reduction and Empowerment of women
11.	Employment generation activities through small scale industry
12.	Back yard poultry farming
13.	Disease management in Shrimp farming
14.	Inland fish farming
15.	Scientific dairy management
16.	Information Education Communication Tools

PART III - TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
4	4	12	18	15	15	127	138

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
71	71	2160	2318	4	2	120	104

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
40.7	28.301	35750	21932

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
7025	1953	-	-

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

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of Bio products		
1	Varietal Evaluation	Chrysanthemum	Local variety high incidence to sucking insects	Assessment of chrysanthemum varieties	-	-	-	-	-	6		6750 rooted chrysanthemum cuttings	-	-	-
2	Nutrient dosage management	Groundnut	Low yielding varieties and low seed replacement	Assessment of nutrient dosage in Groundnut	-	-	-	-	-	-	Urea (3), Rockphosphate(11) MOP(4.5)	-	-	-	-
3	Varietal Evaluation	Groundnut	Low yielding varieties and low seed	Assessment of groundnut varieties	-	2	-	-	-	-	KCG-2(20 kgs) KCG-6(20 kgs) ICGV-91114(20 kgs) Boran (10 kgs)	-	-	-	-
4	Production and Management	Fishery	Low growth of locally available fish Sp. in farm	Assessment of Amur Common carp in	-								Amur 1700, Catla 1800,		

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	
			ponds	polyculture system along with Catla and Rohu									Rohu 1400, Common carp - 200	
5	Farm Mechanization	Paddy	Severe labour problem at critical stages of operation and lack of knowledge on mechanization	-	Mechanization in paddy	2	-	-	1	Transplanting machine & combined harvester	-	-	-	
6	Resource Conservation Technologies	Green manure crops(Sun hemp)	Lack of awareness on green manuring crops in coastal area	-	Enriching the paddy fallows through green manure crop (Sunhemp)	-	-	-	-	Sunhemp seeds (1.25)	-	-	-	
7.	Nutrient Management	Groundnut	Paddy fallows soils are	-	Micronutrient	1	-	-	-	Zinc sulphate	-	-	-	

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		
			deficient in micronutrient		management in Groundnut and processing value addition and market linkage						(40 kgs) Boran (20 kgs)				
8	Resource Conservation Technologies	Paddy	Soil acidity, Iron and aluminum toxicity	-	Soil acidity management in paddy	1	-	-	-	-	Lime (1.98 tonnes)	-	-	-	
9	Integrated Crop Management	Paddy	Soil acidity micronutrient deficiency weed problem pest and disease problem	-	Integrated Crop management in Paddy	1	-	-	1		Zinc sulphate (50 kgs) Urea (600 kgs) Rockphosphate (650 kgs)	-	-	-	

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		
											MOP (400 kgs)				
10	Integrated Nutrient Management	Blackpepper	Spike shedding leading to low yield	-	Foliar nutrition of Black Pepper by pepper special for higher yield	1	-	-	6				Pepper special micro nutrient	50 kgs	
11	Integrated Pest and Disease Management	Blackpepper	Crop loss due to high incidence of foot rot disease	-	Foot rot disease management in Black pepper	1	-	-	10	-	-	-	Trichoderma Neem cake Plastic mulch	20 kgs 250 kgs 70 kgs	
12	Integrated Pest and Disease Management	Arecanut	Root grub menace and yield loss	-	Integrated Management of Root Grub in	1	-	-	8	-	-	-	Imidacloprid Soldier Nemato	-	

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		
					Arecanut									da	
13	Integrated Crop Management	Cowpea	Low yielding local variety	-	Introduction of high yielding Yard long bean variety Arka Mangala	1	-	-	8	5 kgs	-	-	-	-	-
14	Integrated Crop Management	Amaranthus	Low yielding local variety and susceptible to white rust	-	Introduction of Multicut Amaranth Variety Arka Arunima	-	-	-	15	20 kgs	-	-	-	-	-
15	Integrated Pest Management	Brinjal	Shoot and fruit borer	-	Integrated management of Shoot and Fruit Borer in Brinjal	1	-	-	4	-	-	-	-	Phermontraps	

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		
16	Integrated Nutrient Management	Fodder slips	Non availability of green fodder throughout the year	-	Demonstration of Fodder Bank with high yielding varieties	-	-	-	-	-	COFS – 29-15 kgs, COFC 8-10 kgs and DHN6– 3000	-	-	-	
17	Production and Management	Fishery	Lack of knowledge	-	Culture of Desirable fish species in polyculture system	-	-	-	-	-	-	Catla-11300 Rohu 3800 Mrigal -3800	-	-	
18	Production and Management	Fishery	Lack of knowledge on rearing of Sea bass fish in cage culture	-	Culture of Individually high value brackish	-	-	-	-	-	-	Sea bass 4200	-	-	

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		
			system		water fish in cage culture system										
19	Production and Management	Fishery	Lack of knowledge	-	Grass carp and common carp culture for Management of weed infested minor tanks	-	-	-	-	-	-	-	Grass carp – 14000 Common carp - 6000	-	-

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1	Assessment of chrysanthemum varieties	UHS, Bagalkot	Chrysanthemum	1	-	-	Field visit, Group discussion meetings
2.	Assessment of nutrient dosage in Ground nut	UAS (B), KAU, Thrissur	Groundnut	1	-	-	Field visit, Group discussion meetings
3.	Assessment of groundnut varieties	UASB, ICRISAT, Hyderabad	Groundnut	1	-	2	Field day, Field visit, Group discussion meetings, Training programmes
4.	Assessment of Amur Common carp in polyculture system along with Catla and Rohu	KVAFSU, Bidar	Fishery	1	-	-	Field day, Field visit, Group discussion meetings, Training programmes
5.	Mechanization in paddy	UASB	Paddy	-	1	2	Field day, Field visit, Group discussion meetings, Training programmes
6.	Enriching the paddy fallows through green manure crop (Sunhemp)	UASB	Paddy	-	1	-	Field visit, Group discussion meetings
7.	Micronutrient management in Groundnut and processing value addition and market linkage	UASB	Groundnut	-	1	1	Field visit, Group discussion meetings, Training programmes
8.	Soil acidity management in paddy	UASB	Paddy	-	1	1	Field visit, Group discussion meetings, Training programmes
9.	Integrated Crop management in Paddy	UASB	Paddy	-	1	2	Field day, Field visit, Group discussion meetings, Training programmes
10.	Foliar nutrition of Black Pepper by pepper special for higher yield	IISR Calicut	Black pepper	-	1	1	Method Demonstration, Field visit, Group discussion meetings

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
11.	Foot rot disease management in Black pepper	UASD	Black pepper	-	1	2	Method Demonstration, Field visit, Group discussion meetings
12.	Integrated Management of Root Grub in Arecanut	UASB	Arecanut	-	1	1	Field visit, Group discussion meetings
13.	Introduction of high yielding Yard long bean variety Arka Mangala	IIHRBangalore	Cowpea	-	1	1	Field visit, Group discussion meetings
14.	Introduction of Multi cut Amaranth Variety Arka Arunima	IIHRBangalore	Amaranthus	-	1	-	Field visit, Group discussion meetings
15.	Integrated management of Shoot and Fruit Borer in Brinjal	IIHR Bangalore	Brinjal	-	1	1	Field visit, Group discussion meetings
16.	Demonstration of Fodder Bank with high yielding varieties	TNAU Coimbatore,IGFRI, Dharwad and BAIF, Pune	Fodder slips	-	1	-	Field visit, Group discussion meetings
17.	Culture of Desirable fish species in polyculture system	ASA	Fishery	-	1	-	Field visit, Group discussion meetings
18.	Culture of Individually high value brackish water fish in cage culture system	CMFRI, Mangalore	Fishery	-	1	-	Field visit, Group discussion meetings
19.	Grass carp and common carp culture for Management of weed infested minor tanks	ASA	Fishery	-	1	-	Field day, Field visit, Group discussion meetings

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
14	2	1	1	98	13	20	7	1943	327	79	73	-	-	-	-

PART IV - On Farm Trial**4.A1. Abstract on the number of technologies assessed in respect of crops**

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management		1								1
Varietal Evaluation		1								1
Integrated Pest Management										
Integrated Crop Management							1			1
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		2					3			3

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

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitary	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 (Per trail covering all the Technological Options)
Integrated Nutrient Management	Groundnut	Micronutrient management in groundnut crop and value addition	10	10	4
	Black pepper	Foliar nutrition of Black Pepper by pepper special for higher yield	15	15	50 vines per demo total 750 vines
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management	Paddy	ICM in paddy	10	10	4
	Amaranth	Introduction of Multi cut Amaranth Variety Arka Arunima	20	20	2.5
	Cowpea	Introduction of High Yielding Yard Long Bean Variety Arka Mangala	10	10	1

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Integrated Disease Management	Blackpepper	Foot rot Disease Management in Black Pepper	10	10	25 vines per demo total 250 vines
	Arecanut	Integrated management of root grub in Arecanut	10	10	4
	Brinjal	Integrated management of shoot and fruit borer in brinjal	10	10	4
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology	Paddy	Soil acidity management in paddy	9	9	4
	Paddy	Enriching paddy fallows through green manure crop	9	9	4
Farm Machineries	Paddy	Mechanization in paddy	9	9	4
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total			122	122	

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 (Per trail covering all the Technological Options)
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					
?[pp;Value addition					

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management	Fishery	Culture of Desirable fish species in polyculture system	3	3
	Fishery	Culture of Individually high value brackish water fish in cage culture system	4	4
	Fishery	Grass carp and common carp culture for Management of weed infested minor tanks	3	3
Feed and fodder	Fodder	Demonstration of Fodder Bank with high yielding varieties	6	6
Small scale income generating enterprises				
Total			16	16

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. Assessment of Groundnut varieties

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
Groundnut	Rainfed	Low yielding varieties and low seed replacement	Assessment of Groundnut varieties	5	Varietal trial	Yield, Net Return, BC Ratio	Q/ha, Rs. / unit, Rupee	Varietal performance on yield	ICGV - 91114 was high yield and resistant to drought as compared to KCG-2 and KCG-6	-	Along with the ICGV-91114 other high yielding varieties like K-6, K-9 & GPBD-5 is included and continued for 2015-16

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) GPBD-4/TMV-2	Farmers practice	28.50	q/ha	79032	3.89
Technology option 2- KCG- 2	UAS(B)	26.25	q/ha	70682	3.39
Technology option 3- KCG- 6	UAS(B)	27.50	q/ha	75038	3.60
Technology option 4- ICGV-91114	ICRISAT	30.00	q/ha	83750	4.02

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

1.	Title of Technology Assessed	:	Assessment of Groundnut varieties
2.	Problem Definition -	:	Low yielding varieties and low seed replacement
3.	Details of technologies selected for assessment	:	Technology option 1 (Farmer's practice) GPBD-4/TMV-2 Technology option 2- KCG- 2 Technology option 3- KCG- 6 Technology option 4- ICGV-91114
4.	Source of technology	:	UAS(B), ICRISAT
5.	Production system and thematic area	:	Rabi-Groundnut and varietal trial
6.	Performance of the Technology with performance indicators	:	Varietal trial in coastal alluvial soils were ICGV-91114 performed better than KCG-2 and KCG-6
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	ICGV -91114 was high yield and resistant to drought as compared to KCG-2 and KCG-6.
8.	Final recommendation for micro level situation	:	This OFT was continued and recommendation will be made in 2015-16
9.	Constraints identified and feedback for research	:	-
10.	Process of farmers participation and their reaction	:	Involved in cultivation of varieties, training programmes and field day, Group discussion meetings

2. Assessment of Nutrient Dosage in Groundnut

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
Groundnut	Rice fallow	Low yielding varieties and low seed replacement	Assessment of Nutrient Dosage in Groundnut	5	Nutrient management	Yield	Q/ha	Nutrient dosage for higher yield	UASB RDF practice was found to be good	-	-

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) Suphala 19:19:19 (2 bags)	Farmers practice	24.56	q/ha	64686	3.26
Technology option 2- 25:50:25 NPK kg/ha	UAS (B)	28.50	q/ha	79980	3.72
Technology option 3-10:75:75 NPK kg/ha	KAU, Thrissur	28.00	q/ha	77330	3.51
Technology option 4- STCR concept	UAS (B)	27.50	q/ha	73680	3.13

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

1.	Title of Technology Assessed	:	Assessment of Nutrient Dosage in Groundnut
2.	Problem Definition -	:	Low yielding varieties and low seed replacement
3.	Details of technologies selected for assessment	:	Technology option 1 (Farmer's practice) : Suphala 19:19:19 (2 bags) Technology option 2- 25:50:25 NPK kg/ha Technology option 3- 10:75:75 NPK kg/ha Technology option 4- STCR concept
4.	Source of technology	:	UAS (B), KAU, Thrissur
5.	Production system and thematic area	:	Nutrient Dosage and standardization of RDF practice for coastal groundnut
6.	Performance of the Technology with performance indicators	:	UASB recommended practices with higher number of nuts /plant and higher pod filling
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Higher yield due to good pod filling
8.	Final recommendation for micro level situation	:	UASB package of RDF 25:50:25 NPK kg/ha
9.	Constraints identified and feedback for research	:	-
10.	Process of farmers participation and their reaction	:	Group discussion meetings and Scientific management practices

3. Assessment of Chrysanthemum Varieties

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
Chrysanthemum	Limited irrigation	Local variety high incidence to sucking insects	Assessment of Chrysanthemum Varieties	5	Varietal trial	No. of Flowers per plant, Avg. Flower yield per plant, Avg. Diameter of Flower	Nos Gms, cms	Local variety performed better	Local variety performed better	-	-

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. / ha	BC Ratio
13	14	15	16	17	18
Technology option 1- <u>Local (Farmer's practice)</u>	Farmers Practices	7.35	t/ha	201175.00	4.19
Technology option 2 - Var. Raja	UAHS, Bagalkot	6.89	t/ha	179212.00	3.84
Technology option 3- Var. Dundi	UAHS, Bagalkot	6.75	t/ha	174725.00	3.73
Technology option 4- Var. Katti Raja	UAHS, Bagalkot	5.35	t/ha	130875.00	3.14

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

1.	Title of Technology Assessed	:	Assessment of Chrysanthemum Varieties
2.	Problem Definition -	:	Local variety high incidence to sucking insects
3.	Details of technologies selected for assessment	:	<u>Farmers' Practice (FP) - Local (Farmer's practice)</u> <u>Recommended practice(RP)-</u> Var. Raja <u>Alternative practice1 (AP1)-</u> Var. Dundi <u>Alternative practice-2 (AP2)-</u> Var. Katti Raja
4.	Source of technology	:	UAHS, Bagalkot
5.	Production system and thematic area	:	Varietal Evaluation
6.	Performance of the Technology with performance indicators	:	Recommended varieties did not perform better compared to the local variety
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Local variety perform better
8.	Final recommendation for micro level situation	:	Adopted varieties for coastal region will not perform better
9.	Constraints identified and feedback for research	:	Evaluation of suitable Chrysanthemum variety for coastal Karnataka is required
10.	Process of farmers participation and their reaction	:	Group discussion meetings and Scientific management practices

4. Assessment of compatibility & survival rate of pungacius fish species

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
Fishery	Homestead	Low growth of locally available fish Sp. in farm ponds	Assessment of Amur Common carp in polyculture system along with Catla and Rohu	3		Average Length, Average Weight, Yeild	Cms,kgs, kg/ha	On going			

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
1) Technology option 1 - <i>Farmers' Practice (FP)</i> Culture of Common carp in monoculture system	Farmers practice	On going			
2) Technology option 2 - Rearing of Amur Common carp fish fingerlings in Monoculture System	KVAFSU, Bidar				
Technology option 3- Rearing of Amur Common carp (30%) in polyculture system along with Catla (40%) and Rohu (30%)	KVAFSU, Bidar				

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

1.	Title of Technology Assessed	:	Assessment of Amur Common carp in polyculture system along with Catla and Rohu
2.	Problem Definition -	:	Low growth of locally available fish Sp. in farm ponds
3.	Details of technologies selected for assessment	:	<u>Technology 1- Farmers' Practice (FP)</u> - Culture of Common carp in monoculture system Technology 2- <u>Recommended practice(RP)</u> Rearing of Amur Common carp fish fingerlings in Monoculture System Technology 3- <u>Alternative practice1 (AP1)</u> Rearing of Amur Common carp (30%) in polyculture system along with Catla (40%) and Rohu (30%)
4.	Source of technology	:	KVAFSU, Bidar
5.	Production system and thematic area	:	On going
6.	Performance of the Technology with performance indicators	:	
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	
8.	Final recommendation for micro level situation	:	
9.	Constraints identified and feedback for research	:	
10.	Process of farmers participation and their reaction	:	

4.D1. Results of Technologies Refined –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

Contd..

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

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

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

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2013-14

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for short fall in achievement
									Proposed	Actual	SC/ST	Others	Total	
	Oilseeds													
1.		Rice fallow	Rabi	Groundnut	K-6	-	Nutrient management	Application of Zinc Sulphate @ 4kg/ac and Boran @ 1.5 kg/ac	4	4	-	10	10	-
	Pulses													
	Cereals													
2.		Rainfed	Kharif	Paddy	MO-4	-	Soil reclamation	Application of Lime based on soil test report	4	4	-	9	9	
3.		Rainfed	Kharif	Paddy	MO-4	-	ICM	Application of STCR based Urea, Rock phosphate, MOP and Lime	4	4	-	10	10	
4.		Rainfed	Kharif 2013	Paddy	MO-4	-	Mechanization	8 row mechanical transplanter, Cono weeder and Combined harvester	4	4	-	9	9	

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for short fall in achievement
									Proposed	Actual	SC/ST	Others	Total	
	Fruit													
	Spices and condiments													
		Irrigated	Kharif	Pepper	Panniyur-1		IPDM	Foot rot Disease Management in Black Pepper	25 vines per demo total 250 vines	25 vines per demo total 250 vines	-	10	10	
		Irrigated	Khariff	Pepper	Panniyur-1	-	ICM and INM	Foliar nutrition of Black Pepper by pepper special	50 vines per demo total 750 vines	50 vines per demo total 750 vines	-	15	15	
	Commercial													
	Medicinal and aromatic													
	Fodder													
		Homestead	Summer	Fodder	COFS – 29, COFC – 8 and DHN – 6		Production and Management	Introduction of high yielding multi cut fodder grass varieties	1.6	1.6		6	6	

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for short fall in achievement
									Proposed	Actual	SC/ST	Others	Total	
	Plantation													
		Irrigated	Perennial	Areca nut	Mangala	-	IPDM	Mechanical destruction+ Neem cake @ 2kgs/palm+ Drenching of Imidacloprid 200 SL 1lt/ha. During June-July+ Soil Racking - Aug-Sept+ Treatment with Heterorhabditis Nematode @ 10gms/plam - September-October	4	4		10	10	
	Dairy													
		Home stead	-	Fishery	Catla, Rohu and Mrigala		Production and Management	Culture of desirable fish Sp. in polyculture system	1.88	1.88		3	3	-
		Homestead	-	Fishery	Seabass	-	Production and Management	Culture of Seabass in cages	0.16	0.16		4	4	
		Home stead	-	Fishery	Grass carp and		Production and	Weed control by culturing of	1.0	1.0		3	3	

5.A. 1. Soil fertility status of FLDs plots during 2013-14

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil (kg/ha)			Previous crop grown
										N	P	K	
	Oils eeds												
1.		Rice fallow	Rabi	Groundnut	K-6	-	Nutrient management	Application of Zinc Sulphate @ 4kg/ac and Boran @ 1.5 kg/ac	Rabi	Low	High	Low	Paddy
	Pulses												
	Cereals												
2.		Rainfed	Kharif	Paddy	MO-4	-	Soil reclamation	Application of Lime based on soil test report	Kharif	Medium	High	Low	Blackgram
3.		Rainfed	Kharif	Paddy	MO-4	-	ICM	Application of STCR based Urea, Rock phosphate, MOP and Lime	Kharif	Medium	High	Low	Blackgram
4.		Rainfed	Kharif	Paddy	MO-4	-	Mechanization	8 row mechanical transplanter, Cono weeder and Combined harvester	Kharif	Medium	High	Low	Blackgram
5.		Rice fallow	Rabi	Paddy	Sunhe mp	-	Soil reclamation	Soil reclamation	Rabi	Low	High	Low	Paddy

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil (kg/ha)			Previous crop grown
										N	P	K	
	Millets												
	Vegetables												
6.		Irrigated	Kharif	Amaranth	Arka Aurunima	-	ICM	High Yielding Multi cut Amaranth variety Arka Amaranth	Kharif	Medium	Low	Low	Paddy
7.		Irrigated	Kharif	Yardlong bean	Arka Mangala	-	ICM	Introduction of High Yielding Yard Long Bean Variety Arka Mangala	Kharif	Medium	Low	Low	Paddy
8.		Irrigated	Rabi	Brinjal	Mattugulla	-	IPDM	Neem cake @375 Kg/ha+Clipping of damaged shoots if seen in the early stage of the crop+field sanitation – removal of fallen fruits+Pheromone trap installation @ 25/ha	Rabi	Medium	High	Low	Green leafy vegetables

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of De mo.	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										
	Introduction of Multi cut Amaranth Variety Arka Arunima	Arka Arunima	-	Irrigated	20	2.5	185	150	167.5	122.25	26.24	56750	174430	117680	3.07	49675	101651	51976.5	2.04
	Introduction of High Yielding Yard Long Bean Variety Arka Mangala	Arka Mangala	-	Irrigated	10	1	177	142	163.2	122.1	25.18	88025	287176	199151	3.26	79737	207808	128071	2.60
	Brinjal	Mattugulla	-	Irrigated	10	4	Failed due to salt water entry into the demonstration plot												
Flowers																			
Ornamental																			
Fruit																			
Spices and condiments																			
	Foot rot Disease Management in Black Pepper	Panniyur-1	-	Irrigated	10	25 vines per demo total 250 vines	2.75	1.97	2.23	1.69	24.21	76750	148087	71337	1.92	55750	91162	35412	1.63

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of De mo.	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										
Commercial	Foliar nutrition of Black Pepper by pepper special for higher yield	Panniyur-1	-	Irrigated	15	50 vines per demo total 750 vines	3.45	2.19	3.17	2.39	24.6%	77125	169775	92650	2.20	64987	131725	66738	2.02
Fibre crops like cotton																			
Medicinal and aromatic																			
Fodder																			
	Demonstration of Fodder Bank with high yielding varieties	COFS – 29, COFC – 8 and DHN – 6	COFS – 29, COFC – 8 and DHN – 6	Homestead	6	1.6	On going												
Plantation																			
	Arecanut	Mattugulla	-	Irrigated	10	4	On going												
Fibre																			
Others (pl. specific)																			

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

** BCR= GROSS RETURN/GROSS COST

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

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

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

5.B.2. Livestock and related enterprises –Nil-

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit)				*Economics of check (Rs./unit)					
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A											
Dairy																		
Poultry																		
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				Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A										
Catla, Rohu and Mrigala	Culture of Desirable fish species in polyculture system	Catla, Rohu and Mrigala	3	1.88													
Seabass	Culture of Individually high value brackish water fish in cage culture system	Seabass	4	0.16													
Grass carp and Common carp	Grass carp and common carp culture for Management of weed infested minor tanks	Grass carp and Common carp	3	1													
Mussels																	
Ornamental fishes																	
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

RESULTS OF ON – GOING OFTs AND FLDs

Observations of Ongoing FLDs- Culture of Individually high value brackish water fish in cage culture system

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg. length (cm)	Avg wt. (gm)
Sea bass	4.2	12	19	128

Observations of Ongoing FLD : Culture of desirable fish species in Polyculture system (60:20:20)

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg length (cm) 3 rd Month	Avg wt. (gm) 3 rd month
Catla	3.26	1.1	14.5	41
Rohu	3.29	0.9	13.8	39
Mrigala	4.99	1.6	12.2	20.4

Observations of Ongoing FLD : Grass carp and Common carp culture for management of weed infested minor tanks (70:30)

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg length (cm) after 5 months	Avg wt. (gm) after 5 months
Grass Carp	5.55	1.45	22.2	84.78
Common carp	3.91	0.64	17.10	53

Observations of on going FLD: Integrated management of Root grub in Arecanut

Root grub count	*Grubs/tree (Av. Of 10 palms)			
	Demonstration		Check	
	2013	2014	2013	2014
Before treatment	8.86	3.14	7.45	8.28
After Treatment	3.38	2.18	6.33	7.17

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.)

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

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.. Training of Farmers and Farm Women 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										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs	2	35	9	44	-	-	-	35	9	44
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	0	47	47	-	-	-	0	47	47

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)	1	30	7	37	-	-	-	30	7	37
TOTAL	20	512	220	732	1	1	2	513	221	734

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify) Information about agriculture	1	40	48	88	-	-	-	40	48	88
TOTAL	25	619	362	981	15	30	45	634	392	1026

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 and disease Management	1	37	11	48	-	-	-	37	11	48
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										
Integrated crop management										
Total	1	37	11	48	-	-	-	37	11	48

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	1	47	9	56	-	-	-	47	9	56
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 (pl.specify)										
Total	1	47	9	56	-	-	-	47	9	56

7.G. Sponsored training programmes conducted

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	80	4	84	18	3	21	98	7	105
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	2	8	42	50	-	-	-	8	42	50
7.b.	Others (pl.specify)										
8	Farm machinery										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	Livestock and fisheries										
10	Livestock production and management										
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c.	Fisheries Nutrition										
10.d.	Fisheries Management										
10.e.	Others (pl.specify)										
11.	Home Science										
11.a.	Household nutritional security										
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										
12.b.	Protection of plant varieties and farmers right act-2001	1	128	14	142	-	-	-	128	14	142
	Total	4	216	60	276	18	3	21	234	63	297

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.	Ornamental fish farming											
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	1	30	8	38	-	-	-	30	8	38	
4.d.	Rural Crafts											
4.e.	Seed production											
4.f.	Sericulture											
4.g.	Mushroom cultivation	1	62	3	65	-	-	-	62	3	65	
4.h.	Nursery, grafting etc.											
4.i.	Tailoring, stitching, embroidery, dying etc.											
4.j.	Agril. para-workers, para-vet training											
4.k.	Beekeeping	3	68	21	89	-	-	-	68	21	89	
5	Agricultural Extension											
5.a.	Capacity building and group dynamics											
5.b.	Others (pl.specify)											
	Grand Total	5	160	32	192	0	0	0	160	32	192	

Farmers –Scientist integration	9	200	70	-	-	-	-	-	-	-
SMS messages	42	19000	2200	21200	1790	1770	3560	-	-	-
Any Other (Specify)										
Total	1085	48008	7100	54838	3491	2369	5860	18	4	22

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Lady's finger	Halu bhendi	-	27.535	32308	119
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total						

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	Drumstick	Bhagya	-	79	1185	24
Fruits	Papaya	Taiwan Red lady	-	412	6180	221
	Banana	Puttabale	-	611	4888	156
Ornamental plants						
Medicinal and Aromatic						

Plantation	Cashew	Ullal-1	-	1648	32960	343
	Coconut	West coast tall		1310	65500	250
	Coconut	Chough at orange dwarf		146	10220	57
Spices	Bush pepper	Paniyur – 1		5	250	2
Fodder crop saplings						
Forest Species						
Others(specify)	Jasmine	Udupi Mallige		4221	105525	638
	Chrysanthemum rooted cuttings	Local variety	-	6750	20250	59
Total						

9.C. Production of Bio-Products-Nil-

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others (specify)				
Total				

9.D. Production of livestock materials

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry	Giriraja	949	76200	256
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Rabbits	4	1400	2
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries	Catla	1000	50000	520
Fingerlings				
Others (Pl. specify)				
Total				

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

Positive effect of lime application which is being experienced by the farmers

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	Effect of Plant Growth Regulators and Fruit Picking on Growth Characters of Okra (<i>Abelmoschus esculentus</i> L. Moench) at Coastal Karnataka	Mr. Chaitanya H.S.	
	Effect of plant growth regulators and fruit picking on seed yield and seed quality Attributes of Okra in Coastal Karnataka	Mr. Chaitanya H.S.	
	Statistical methods in the population dynamic study of insect	Dr. Jayalaxmi N. Hegde	
Abstract	Impact of the Jack Mela on the adoption of the technology by the rural people	Dr. Jayalaxmi N. Hegde	
	Cyber extension to Accelerate agricultural growth	Dr. Jayalaxmi N. Hegde	
	Remote sensing for strengthening present agrosystem	Dr. Jayalaxmi N. Hegde	
	Damage of root grub and its integrated management in Arecanut	Dr. Jayalaxmi N. Hegde	
	Integrated management of insect pests in agriculture and horticulture crops leads to eco-friendly environment	Dr. Jayalaxmi N. Hegde	
	Integrated farming system is a key for success in farming system	Dr. Jayalaxmi N. Hegde	
	Opportunities for Agricultural production in forward market	Dr. Jayalaxmi N. Hegde	
	Beekeeping – A profitable subsidiary enterprise	Dr. Jayalaxmi N. Hegde	
	Integrated Pest and disease management in Udupi Jasmine	Dr. Jayalaxmi N. Hegde	
Technical reports			
News letters			
Technical bulletins	Technical information on Jack	Dr. Jayalaxmi N. Hegde	
	Protection of plant varieties and farmers right act 2001	Dr. Jayalaxmi N. Hegde	
Popular articles	Neem – a boon to farmer	Dr. Jayalaxmi N. Hegde	
	Koleroga Management in Arecanut	Dr. Jayalaxmi N. Hegde	
	Jackfruit- A boon to farmer	Dr. Jayalaxmi N. Hegde	

	Koleroga in Arecanut in Coastal Area and its Integrated Management	Dr. Jayalaxmi N. Hegde	
	Plant Protection and Nutrient deficiencies in Arecanut	Dr. Jayalaxmi N. Hegde	
	Damage of Banana skipper and its Integrated management in Banana	Dr. Jayalaxmi N. Hegde	
	Control measures on Banana skipper	Dr. Jayalaxmi N. Hegde	
	Important pests of coconut and their integrated management	Dr. Jayalaxmi N. Hegde	
Training manual	Friends of Coconut	Dr. Jayalaxmi N. Hegde	
	IPDM in major coastal crops	Dr. Jayalaxmi N. Hegde	
	Bee keeping	Dr. Jayalaxmi N. Hegde	
Extension literature	Neem: Importance and its use in Agriculture	Dr. Jayalaxmi N. Hegde	
	Value addition of cashew apple	Dr. N. Satheesh	
	Integrated pest and disease management in Arecanut	Dr. Jayalaxmi N. Hegde	
	Importance of Soil sampling techniques	Dr. N.E. Naveen	
	Integrated disease management in Arecanut	Dr. Jayalaxmi N. Hegde	
	Integrated fish farming	Mr. Shrinivas H. Hulkoti	
	Nutrition garden	Dr. N. Satheesh	
	Production techniques in cashew cultivation	Mr. Chaitanya H.S.	
	Fresh Water Fish Culture	Mr. Shrinivas H. Hulkoti	
	Stall fed Goat Rearing	Mr. Shrinivas H. Hulkoti	
	Profitable Fish Culture	Mr. Shrinivas H. Hulkoti	
	Composite Fish And Prawn Culture	Mr. Shrinivas H. Hulkoti	
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).

Success stories of Shambushankar Rao

Name	Shambushankar Rao	
Address	Mandarathi, Udupi tq, Udupi District	
Age	55 Years	
Education	B. Com	
Land Holding	Dry (ac)	0.5 Acres
	Wet (ac)	6 Acres
	Irrigation	Open well

Technological interventions extended by KVK, Brahmavar

Horticulture and Allied Occupation

- 1. FLD on Balanced Fertilizer application in Horticulture Crops**
- 2. Introduction of *Trichoderma* and Neem cake for disease and pest management**
- 3. Introduction of Mineral Mixture and CO- 4 fodder for Increased Milk yield**
- 4. Training on Bee Keeping and nursery management**
- 5. Technical Back up on multistoried cropping system in plantation crops**
- 6. Technical Back up on Value Addition**

7. Better Marketing linkage of farm produce

Description	Existing Component	Yield gaps / constraints	Critical Intervention through FLD and OFT	Per cent increase in the yield after the intervention in paddy field	Monetary benefits in terms rupees per acre
Field crops	Paddy	Soil Acidity, Low Soil Fertility	Soil acidity management through Lime application, Introduction of High Yielding Black gram var Rashmi in paddy fallows	18 %	10000

Existing Component	Yield gaps / constraints	Critical Intervention by KVK
Banana	Less bunch weight	Balanced application of Fertilizers, Banana bunch feeding demonstration
Areca nut	Crop loss in arecanut due to Koleroga, nut drop and nut splitting	Training on scientific method of Bordeaux preparation and FLD on INM

Existing Component	Yield gaps / constraints	Critical Intervention by KVK
Pepper	Pepper crop loss due to wilt, Spike shedding due to Micronutrient deficiency	<i>Introduction of Trichoderma</i> and Demonstration of IDM for Pepper wilt Management. Introduction of 'Pepper Special' Micronutrient which has increased the yield by 22%.

Coconut	Low nut yield High Incidence of Bud rot	Use of Water Soluble Fertilizer for higher efficiency in nutrient uptake and to save labour cost IDM in bud rot
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Existing Component	Yield gaps / constraints	Critical Intervention by KVK
Cocoa, Nut meg	Poor canopy management Lack of Knowledge on multi- storied cropping system	Developed Skill in canopy management and effective multi storied cropping system through training and demonstration
Cashew	Poor crop management Lack of knowledge on processing of cashew apple	Introduction of Black Pepper as inter crop in Cashew. Gained knowledge in value addition and branding of cashew syrup

Existing Component	Yield gaps / constraints	Intervention by KVK
Dairy	Low milk yield	Introduction of Mineral Mixture and Co-4 fodder -16% more milk yield
Bee keeping	Lack of knowledge and skill	Training on bee keeping and sourcing out of bee box

Social Impact

- During the period of five years Sri Shambu Shankar with the assistance from KVK, Brahmavar could able to establish good farming system and could harvest quality and increased farm produce.
- Shambu Shankar was impressed by many department people/ NGO's and was invited as resource person to speak on IFS. He was also awarded and facilitated by Krishik samaja recently

Awards:

- Best farmer of Udupi Dist. 2013-14 from Gujarat State Govt.
- Pragathi Shila Farmer Award 2012-13 from Corp Farmer Awards presented by UAS, Bangalore
- Best Farmer Award 2012 -13 from Directorate of Cashew and Cocoa Development, Kochi, Kerala
- ATMA Taluk Level Best Farmer Award 2011-12 From Agri. Dept. Udupi
- Best Paddy Farmer of Udupi Taluk 2010-11 for obtaining highest yield in paddy from Agri. Dept. Udupi

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

1. Role playing
2. Focused Group Discussion Method
3. PRA techniques
4. Participatory Technology Development
5. ITKs
6. Multimedia
7. Folk media
8. Television and Radio
9. Field days
10. Extension Campaign

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)

<i>S. No.</i>	<i>Crop / Enterprise</i>	<i>ITK Practiced</i>	<i>Purpose of ITK</i>
1.	Paddy, Jasmine, Vegetables etc+	Lakki (Nekki) soppu, kirathakaddy soppu, kasarka (kasana) soppu, beedi soppu, Tulsi soppu. <ul style="list-style-type: none"> • Mix all the above botanicals in equal proportions (2 kg each) • Dip the above mixture for 15 days in water • Mix the above 1 L. of extract in 4 L. of water use it to all the crops 	To control pests like White flies, Case worm, Army worm and other insects To manage root grubs along with the extract use lime and neem cake
2.	Jasmine	Mixture of wild plants extracts Viz., Kasaraka , kamti, beedi, kirathaka and Aadusoge soppu	To combat the Sucking pest menace in Jasmine
3	Jeevamrutha	Bengal gram flour -2 kg Jaggery - 2 kg Cowdung - 5 kg Cow urine (local) – 5 L. Top soil – 2 kg Groundnut cake – 2 kg Sour butter milk – 2 L. Mix it well in copper container and leave it for 5-7 days Filter it and spray to any crops	If it is used once in a month we can get good crop yield
4	Milch animals	Black pepper, Mangana balli, Kodashana togate, Garlic, Jeerige, Chilli, Onion, Ginger, wild ginger, Ane moogina thogate, Jaggery, Vante huli mix the above botanics and grind it	Cough, fever, cold gastric and diseases related to tail can be managed

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

- Identification of courses for farmers/farm women- Through PRA and need analysis of the farmers/Farmwomen at Village
- Rural Youth
- Inservice personnel- Need analysis and Scientist and officers interaction meeting

10.G. Field activities

- i. Number of villages adopted-9
- ii. No. of farm families selected -65
- iii. No. of survey/PRA conducted-15

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Full pledged Establishment in the Year 2002

- 1. Year of establishment : 2002
- 2. List of equipments purchased with amount :

<i>Sl. No</i>	<i>Name of the Equipment</i>	<i>Qty.</i>	<i>Cost</i>
1.	Autoclave- Vertical	1	25,500
2	Combined Electrode Model CL -518	1	1,000
3	Digital Conductivity meter	1	7,400
4	Digital Micropipettes	1	18,827
5	Digital PH meter	1	8,550
6	Double glass distillating unit	1	49,000
7	Ducting from fume cupboard	1	23,000
8	Electronic Acid Neutralizer scrubber	1	24,000
9	Electronic automatic kel plus microprocessor (Digestion system)	1	53,000
10	Electronic automatic kel plus microprocessor (Distillation system)	1	86,000
11	FGL I 615 PH meter	1	6,346
12	Flame photometer	1	39,000
13	Fume cup board	1	42,000
14	Hot air oven	1	20,000
15	Hot air oven PSM make	1	18,370
16	Hot plate with thermostatic control	1	9,600
17	Laminar air flow	1	44,900
18	LG Frost free refrigerator	1	22,000
19	Magnetic stirrer with hot plate	1	5,500
20	Physical balance	1	12,000

<i>Sl. No</i>	<i>Name of the Equipment</i>	<i>Qty.</i>	<i>Cost</i>
21	Research Microscopes	1	59,160
22	Rotary Shaker	1	28,000
23	Spectrophotometer	1	46,200
24	Top loading balance	1	49,000

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	2824	2700	1580	84720
Water Samples	470	390	354	28200
Plant samples				
Manure samples				
Others (specify)				
Total	3294	3090	1934	112920

Details of samples analyzed during the 2014-15 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	146	96	38	4380
Water Samples	77	38	20	3850
Plant samples				
Manure samples				
Others (specify)				
Total	223	134	58	8230

10.I. Technology Week celebration during 2014-15 Yes/No, If Yes

Period of observing Technology Week: From 16.12.2014 to 20.12.2014

Total number of farmers visited : 279

Total number of agencies involved : 4

Number of demonstrations visited by the farmers within KVK campus : 6

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized	13	187	<ul style="list-style-type: none"> ❖ Paddy and paddy based cropping system, ❖ Cashew and other horticulture crops, ❖ Dairy management, ❖ Jasmine and Vegetable cultivation ❖ Soil health management
Exhibition	-	-	-
Film show	5	135	<ul style="list-style-type: none"> ❖ Soil Health ❖ Propagation techniques ❖ Ornamental fish farming ❖ Bee keeping
Fair	-	-	-
Farm Visit	82	104	Paddy, Swarnadhara poultry, vegetable crops, horticulture crops,
Diagnostic Practical's	4	14	Groundnut, Pepper, Brinjal
Supply of Literature (No.)	12	600	Neem: Importance and its use in Agriculture
			Value addition of cashew apple
			Integrated pest and disease management in Arecanut
			Importance of Soil sampling techniques
			Integrated disease management in Arecanut
			Integrated fish farming
			Nutrition garden
			Production techniques in cashew cultivation
			Fresh Water Fish Culture
			Stall fed Goat Rearing
			Profitable Fish Culture
			Composite Fish And Prawn Culture

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)			
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	
Supply of fingerlings	12	20	Catla, common carp and mrigal fingerlings
Supply of Livestock specimen (No.)	1	56	Giriraja poultry birds
	1	9	Rabbit(Newzeland white and Russain grey giant)
Total number of farmers visited the technology week	5	279	<ol style="list-style-type: none"> 1. Pest and disease management techniques in coconut 2. Soil health and organic farming 3. Techniques in improving production of banana & Arecanut in coastal Karnataka 4. Cultivation of Mashroom and marketing linkage 5. Improved fish farming practices in coastal region

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

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops(Yard long bean, Amaranthus)	5	30
Tuber crops		
Total		

C. Farmers-scientists interaction on livestock management - Nil

State	Livestock components	Number of interactions	No.of participants
Total			

PART XI. IMPACT

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

<i>Name of specific technology/skill transferred</i>	<i>No. of participants</i>	<i>% of adoption</i>	<i>Change in income (Rs.)</i>	
			<i>Before (Rs./ha)</i>	<i>After (Rs./ha)</i>
Popularization of GPBD-4 groundnut variety	100	60 %	30,011	42,396
Mechanization in paddy	50	45 %	26750	33000
Popularization of banana special and banana bunch feeding to increase bunch size	30	34%	205000	242000
Popularization of CO-4 fodder in coastal region	150	45%	45850	65140
Management of Koleroga in Arecanut	50	65%	59635	76100
Improved breeds of Giriraja and Swarnadhara Back yard poultry farming	350	50%	1250	2450
Cashew apple syrup	150	25 %	250.00	3,500.00
Integrated foot rot disease management in black pepper	30	46%	35412	71337
Introduction of yard loan bean variety Arka Mangala	20	85%	128071	199151

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

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

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

PART XII - LINKAGES**12.A. Functional linkage with different organizations**

<i>Name of organization</i>	<i>Nature of linkage</i>
SKDRDP	Training Programme and demonstrations
RUDSET	Training Programme
Novodaya SHGs	Training Programme
KSDA	Demonstration cum Training Programme
KCDC	Demonstration cum Training Programme
DCCD	Demonstration cum Training Programme
Dept. of Agri.	Training Programme
Dept. of Horti.	Training Programme
Dept. of Fisheries	Demonstration cum Training Programme
Dept. of AH & VS	Training Programme
BVT, Manipal	Training Programme

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

12.B. List Externally Funded Projects / schemes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Role of KVK	Date/ Month of initiation	Funding agency	Amount (Rs.)
Friends of coconut	Training and capacity building	08.12.2014	Coconut Development Board, Bangalore	56500
		16.01.2015	The Director, Sanjeevni KSRLPS, Bangalore	169680
DCCD (Directorate of Cashew and Coco Development, Kerala)	Conducting training programme on cashew apple value addition	09.01.2015	DCCD, Kochi	50000
	Cashew apple utilization	29.09.2014	DCCD, Kochi	50000
	District Level Seminar on cashew	01.10.2014	DCCD, Kochi	50000
Protection of plant varieties and farmers right act 2001	Training and awareness about protection of indigenous plant varieties	27.01.2015	ICAR	80000
Establishment of small scale nursery	Nursery management and supply of elite planting materials to farmers	March, 2015	NHM	625000

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, Brahmavar in collaboration with ATMA conducted PRA in the selected representative villages of Udupi District for preparation of SREP and all the inputs of different enterprises for the preparation of SREP was given by KVK, Subject Matter Specialists.

Coordination activities between KVK and ATMA during 2014-15- Nil

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		34	-	
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela	State Level Jack Mela-2014			
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	Others (Pl. specify)				
06	Publications				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others (Pl. specify)				
07	Other Activities (Pl. specify)				
	Watershed approach				
	Integrated Farm Development				
	Agri-preneurs development				

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

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Constraints if any
1	1	Establishment of small scale nursery to produce 50000 planting materials / year	6.25 lakhs	6.25 lakhs	Nil

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

11. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No of farmers	No. of feedback / query on SMS sent
April 2014	2	ಗಿಡಗಳಲ್ಲಿ ರೋಗಗಳ ಹತೋಟಿಗೆ ಹಸುವಿನ ಮೂತ್ರವನ್ನು 1 ಭಾಗಕ್ಕೆ 9 ರಿಂದ 10 ಭಾಗ ನೀರನ್ನು ಬೆರೆಸಿ ಗಿಡ ಪೂರ್ತಿ ನೆನೆಯುವಂತೆ ಸಿಂಪಡಿಸಿ	360	
		ರೈತರು ಸಮಗ್ರ ಕೃಷಿ ಪದ್ಧತಿ ಅಳವಡಿಸುವುದರಿಂದ ಕೃಷಿಯನ್ನು ಲಾಭದಾಯಕವಾಗಿಸಿ ಹೆಚ್ಚು ಲಾಭ ಪಡೆಯಬಹುದು		
May 2014	5	ರೈತರು ಸಮಗ್ರ ಕೃಷಿ ಪದ್ಧತಿ ಅಳವಡಿಸುವುದರಿಂದ ಕೃಷಿಯನ್ನು ಲಾಭದಾಯಕವಾಗಿಸಿ ಹೆಚ್ಚು ಲಾಭ ಪಡೆಯಬಹುದು	1278	
		ಉಡುಪಿ ಜಿಲ್ಲೆಯಲ್ಲಿ ಇನ್ನೇನು ಮಳೆ ಪ್ರಾರಂಭವಾಗುತ್ತಿದಂತೆ ರೈತರು ಕೊಳೆರೋಗದ ಹತೋಟಿಗೆ ಮುನ್ನೆಚ್ಚರಿಕೆ ಕ್ರಮವಾಗಿ ಮೇ ಕೊನೆಯಲ್ಲಿ ಶೇ 1 ರ ಭೋರ್ಡೋ ದ್ರಾವಣ ಸಿಂಪಡಿಸಬೇಕು		
		ಅಡಿಕೆ ಮರದ ಬುಡದಿಂದ ಮೂರು ಅಡಿ ದೂರದಲ್ಲಿ ಪ್ರತಿ ಮರಕ್ಕೆ 250 ಗ್ರಾಂ ಸುಣ್ಣ ಹಾಕಿದ 15 ದಿನದ ನಂತರ 100 ಗ್ರಾಂ ಸಾರಜನಕ, 40 ಗ್ರಾಂ ರಂಜಕ, 140 ಗ್ರಾಂ ಪೊಟ್ಯಾಷ್ ಜೊತೆಗೆ ಹಟ್ಟಿ ಗೊಬ್ಬರವನ್ನು 10 ಕೆ.ಜಿ ಯಷ್ಟು ಸೆಪ್ಟೆಂಬರ್, ಅಕ್ಟೋಬರ್ ತಿಂಗಳಲ್ಲಿ ಕೊಡಬೇಕು		
		ಗಿಡಗಳಲ್ಲಿ ರೋಗಗಳ ಹತೋಟಿಗೆ ಹಸುವಿನ ಮೂತ್ರವನ್ನು 1 ಭಾಗಕ್ಕೆ 9 ರಿಂದ 10 ಭಾಗ ನೀರನ್ನು ಬೆರೆಸಿ ಗಿಡ ಪೂರ್ತಿ ನೆನೆಯುವಂತೆ ಸಿಂಪಡಿಸಿ		
		ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಎಲೆಚುಕ್ಕೆ ರೋಗದ ಹತೋಟಿಗೆ 1 ಗ್ರಾಂ ಬೆವೆಸ್ಟಿನ್ 1 ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಿ		
June 2014	6	ಮುಂಗಾರು ಮಳೆಯಲ್ಲಿ ಅಡಿಕೆಯಲ್ಲಿ ಬರುವ ಕೊಳೆರೋಗ ನಿಯಂತ್ರಣಕ್ಕೆ ಬೋರ್ಡೋದ್ರಾವಣವನ್ನು ಸಿಂಪಡಿಸಬೇಕು	1718	
		ಭತ್ತದ ನಾಟಿಗೆ ಗದ್ದೆ ತಯಾರಿಸುವ ಸಮಯದಲ್ಲಿ ಹಟ್ಟಿಗೊಬ್ಬರದ ಜೊತೆಗೆ ಎಕರೆಗೆ 200 ಕೆ.ಜಿ ಸುಣ್ಣವನ್ನು ಗದ್ದೆಗೆ ಹಾಕುವುದು		
		ಕೆರೆಗಳಲ್ಲಿ ಮೀನು ಮರಿ ಬಿಡುವುದಕ್ಕೆ ಜುಲೈ - ಆಗಸ್ಟ್ ತಿಂಗಳು ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು ಬೆರಳುದ್ದ ಗಾತ್ರದ 4000 ಮರಿಗಳು 1 ಎಕರೆ ಕೆರೆಗೆ ಬಿಡಬೇಕು		
		ಕರಾವಳಿಯಲ್ಲಿ ಬೆಂಡಿ ಬಿತ್ತನೆ ಮಾಡುವುದಕ್ಕೆ ಜುಲೈ ತಿಂಗಳು ಸೂಕ್ತ ಸಾರಜನಕ, ರಂಜಕ, ಪೊಟ್ಯಾಷ್ 125 :75 :63 ಕೆಜಿ/ಹೆ ಹಾಕಬೇಕು		
		ತೆಂಗಿನ ರೈನೋಸರಸ್ ದುಂಬಿಯ ಹತೋಟಿಗೆ ದುಂಬಿಗಳನ್ನು ತೆಗೆದು ಪೋರೇಟ್ 10 ಜಿ - 10 ಗ್ರಾಂ ಸಮಪ್ರಮಾಣದ ಮರಳಿನ ಜೊತೆ ಮಿಶ್ರ ಮಾಡಿ ಪ್ರತಿ ಮರದ ಸುಳಿಗೆ ಹಾಕಿ		
		ಬೆಂಡಿ ಬೆಳೆಯಲ್ಲಿ ಹಳದಿ ನಂಜು ರೋಗದ ನಿವಾರಣೆಗೆ ಬಿತ್ತನೆ ಬೀಜವನ್ನು ಇಮೀಡಕೋಫಿಡ್ 60 ಎಪ್ ಎಸ್ @ 5 ಎಂ. ಎಲ್. /ಕೆ.ಜಿ. ಇಂದ ಉಪಚರಿಸಿ ಬಿತ್ತನೆ ಮಾಡಿ		
		ಬತ್ತದಲ್ಲಿ ನಾಟಿಯ ಸಮಯದಲ್ಲಿ ಸತುವಿನ ಸಲ್ಫೇಟ್ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 20 ಕಿ.ಗ್ರಾಂ ಕೊಡುವುದರಿಂದ ಬತ್ತದಲ್ಲಿ ಇಳುವರಿ		
July 2014	6	ಬತ್ತದಲ್ಲಿ ನಾಟಿಯ ಸಮಯದಲ್ಲಿ ಸತುವಿನ ಸಲ್ಫೇಟ್ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 20 ಕಿ.ಗ್ರಾಂ ಕೊಡುವುದರಿಂದ ಬತ್ತದಲ್ಲಿ ಇಳುವರಿ	1748	

		<p>ಹೆಚ್ಚಿಸಬಹುದು ಹಾಗೂ ಸತುವಿನ ಕೊರತೆಯನ್ನು ನೀಗಿಸಬಹುದು</p> <p>ಬತ್ತದಲ್ಲಿ 800 ಗ್ರಾಂ ಅಜೋಸೆಪ್ಟರಿಲಂ ಜೈವಿಕ ಗೊಬ್ಬರವನ್ನು ನುಣ್ಣನೆ ಪುಡಿಮಾಡಿ 10 ಕಿ ಗ್ರಾಂ ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರ ಮತ್ತು 10 ಕಿ ಗ್ರಾಂ ಮಣ್ಣಿನೊಡನೆ ಮಿಶ್ರಗೊಳಿಸಿ ಮಿಶ್ರ ಗೊಬ್ಬರವನ್ನು ಒಂದು ಎಕರೆ ನಾಟಿ ಮಾಡುವ ಪ್ರದೇಶಕ್ಕೆ ನೆರವಾಗಿ ಎರಚಿ ಉಳುಮೆ ಮಾಡಬಹುದು</p> <p>ಬತ್ತದ ಸುಸ್ಥಿರ ಉತ್ಪಾದನೆಗಾಗಿ ಕರಾವಳಿ ಹಾಗೂ ಅರೆಮಲೆನಾಡು ಪ್ರದೇಶದಲ್ಲಿ ನಾಟಿ ಮಾಡುವ 2 ವಾರಗಳ ಮೊದಲು ವರ್ಷಕೊಮ್ಮೆ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 2 ಟನ್ ಗಳಷ್ಟು ಕಪ್ಪಾಗಿರುವ ಬತ್ತದ ಹೊಟ್ಟಿನ ಬೂದಿ ಒದಗಿಸುವುದು</p> <p>ನಾಟಿ ಮಾಡಿದ ಬತ್ತದಲ್ಲಿ ಕಳೆ ನಿಯಂತ್ರಿಸಲು ಬಿತ್ತನೆಯ ನಂತರ 3 ನೇ ಅಥವಾ 4 ನೇ ದಿನದಲ್ಲಿ ಕಳೆನಾಶಕವಾದ ಪ್ರೆಟಿಲಾಕ್ಲೋರ್ ಸೇಫನರ್ 0.3 ಕೆ.ಜಿ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ ಬಳಸತಕ್ಕದ್ದು</p> <p>ನಾಟಿ ಮಾಡಿದ 7 ರಿಂದ 10 ದಿನಗಳ ಒಳಗೆ ಗ್ಯಾಪ್ ಫಿಲಿಂಗ್ ಮಾಡತಕ್ಕದ್ದು</p> <p>ಜುಲೈ ಮೊದಲನೆ ವಾರದಲ್ಲಿ ನಾಟಿ ಮಾಡಿದ ಬೆಳೆಯು ಸಕ್ರಿಯ ತೆಂಡೆ ಹೊಡೆಯುವ ಹಂತದಲ್ಲಿದ್ದು ಮೇಲು ಗೊಬ್ಬರವಾಗಿ ಯೂರಿಯವನ್ನು ಎಕರೆಗೆ 30 ಕೆ.ಜಿ ಪ್ರಮಾಣದಲ್ಲಿ ಕೊಡಬೇಕು</p>		
August 2014	7	<p>ಬೆಂಡೆಯಲ್ಲಿ ಹಳದಿ ನಂಜು ರೋಗ ಅಲ್ಲಲ್ಲಿ ಕಾಣಿಸಿಕೊಳ್ಳುತ್ತಿದ್ದು ಬಾಧೆಗೊಳಗಾದ ಎಲೆಗಳನ್ನು ಕಿತ್ತು ಸುಡಬೇಕು ಇಮೀಡಕ್ಲೋಫಿಡ್ 0.5 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಗಿಡ ಪೂರ್ತಿ ನೆನೆಯುವಂತೆ ಸಿಂಪಡಿಸಬೇಕು</p> <p>ಅಡಿಕೆ ಗಿಡಕ್ಕೆ 6 ರಿಂದ 8 ವರ್ಷ ಆದಮೇಲೆ ಕಾಳು ಮೆಣಸಿನ ಬಳ್ಳಿಯನ್ನು ಉತ್ತರ ದಿಕ್ಕಿನಲ್ಲಿ ಗಿಡದಿಂದ 75 ಸೆಂ. ಮಿ ದೂರದಲ್ಲಿ ನೆಡಬೇಕು</p> <p>ನಾಟಿ ಮಾಡಿದ 15 - 20 ದಿವಸದ ಬೆಳೆ ಇದ್ದರೆ ಸಾಲುಗಳ ಮಧ್ಯದಲ್ಲಿ ಕೊನೋವೀಡರ್ ಬಳಸಿ ಕಳೆ ನಿಯಂತ್ರಣ ಮಾಡಬೇಕು</p> <p>20 -30 ದಿವಸ ಭತ್ತ ನಾಟಿ ಮಾಡಿದ ಗದ್ದೆಯಲ್ಲಿ ಕಬ್ಬಿಣದ ವಿಷತ್ವ ಕಂಡು ಬಂದಿದ್ದು ಇದರ ನಿವಾರಣೆಗೆ 10 - 15 ಕೆ.ಜಿ ಪೊಟ್ಯಾಷನ್ನು ಮೇಲು ಗೊಬ್ಬರವಾಗಿ ಕೊಡಿ</p> <p>ಅಡಿಕೆಯಲ್ಲಿ ಸಾಮಾನ್ಯವಾಗಿ ಮಳೆಗಾಲದಲ್ಲಿ ಕಂಡು ಬರುವ ಎಲೆ ಚುಕ್ಕೆ ರೋಗದ ನಿಯಂತ್ರಣಕ್ಕೆ ಶೇಕಡಾ 1 ರ ಬೋರ್ಡೊ ದ್ರಾವಣ ಅಥವಾ 3 ಗ್ರಾಂ 1 ಲೀ ನೀರಿನಲ್ಲಿ ಡೈಥೇನ್ ಎಮ್-45 ಸಿಂಪರಣೆ ಮಾಡಬೇಕು</p> <p>ಅಡಿಕೆ ಕಾಯಿ ಹಣ್ಣಾಗುವ ಮೊದಲೇ ಕಾಯಿಗಳು ಹಳದಿಯಾಗಿ ತುದಿ ಭಾಗ ಒಡೆಯುತ್ತಿದ್ದರೆ ಪೋಷಕಾಂಶಗಳ ಕೊರತೆ ಮುಖ್ಯ ಕಾರಣವಾಗಿರುತ್ತದೆ. ಇದರ ನಿವಾರಣೆಗೆ 1 ಲೀ ನೀರಿನಲ್ಲಿ 2 ಗ್ರಾಂ ಬೋರಾಕ್ಸನ ಪ್ರಮಾಣದಂತೆ ಗೊನೆಗಳಿಗೆ ಸಿಂಪಡಿಸುವುದು</p> <p>ಕಾಳು ಮೆಣಸಿನಲ್ಲಿ ಸೊರಗು ರೋಗವನ್ನು ತಡೆಗಟ್ಟಲು ಪ್ರತಿ ಬಳ್ಳಿಗೆ 50 ಗ್ರಾಂ ಟ್ರೈಕೋಡೆಮ್ ವಿರಿಡೆ ತಿಲಿಂದ್ರವನ್ನು 1 ಕೆ.ಜಿ ಬೇವಿನ ಹಿಂಡಿ ಅಥವಾ 5 ಕೆ.ಜಿ ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರದಲ್ಲಿ ಮಿಶ್ರ ಮಾಡಿ ಬುಡಕ್ಕೆ ಹಾಕಬೇಕು</p>	2160	
September 2014	10	<p>ಬತ್ತದಲ್ಲಿ ನೀಲಿ ಚಿಪ್ಪಿನ ಹುಳು ಮತ್ತು ಹಿಸ್ಸಾ ಬಾಧೆಯು ಕಣಜಾರು ಗ್ರಾಮ, ಕಾರ್ಕಳದಲ್ಲಿ ಕಾಣಿಸಿಕೊಳ್ಳುತ್ತಿದ್ದು ಬಾಧಿತ ಎಲೆಗಳ ಭಾಗಗಳನ್ನು ಕೀಟಗಳ ಸಹಿತ ಕಿತ್ತು ಅದರ ಹತೋಟಿಗೆ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ 2 ಮಿ.ಲೀ ಕೋರೊಪೈರಿಫಾಸ್ ಅಥವಾ ಕ್ವಿನಾಲ್ ಫಾಸ್ ಬೆರೆಸಿ ಗಿಡ ಪೂರ್ತಿ ನೆನೆಯುವಂತೆ ಸಿಂಪಡಿಸಬೇಕು</p>	3921	

		<p>ಭತ್ತದ ಗದ್ದೆಯಲ್ಲಿ ಭತ್ತವು 60 -75 ದಿವಸಗಳಾಗಿದ್ದು ಗದ್ದೆಯಲ್ಲಿ ನೀರಿನ ಮಟ್ಟವನ್ನು 2.5 ಸೇ ಮೀ ನಿಂದ 5.00 ಸೇ ಮೀ ಆಳವನ್ನು ನಿರ್ವಹಿಸಬೇಕು</p> <p>ಸಾರಜನಕದ ನಿರ್ವಹಣೆಯನ್ನು ಎಲ್ ಸಿ ಸಿ ಚಾರ್ಜ್ ಮುಖಾಂತರ ಅಳವಡಿಸಬಹುದು</p> <p>ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸೊರಗುರೋಗದ ನಿರ್ವಹಣೆಗೆ ಪ್ರತಿ ಗಿಡದ ಬುಡಕ್ಕೆ 50 ಗ್ರಾಂ - 80 ಗ್ರಾಂ ಟ್ರೈಕೋಡರ್ಮಾ ಜೈವಿಕ ಶಿಲಿಂಧ್ರನಾಶಕವನ್ನು ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರದ ಜೊತೆ ಮಿಶ್ರಣ ಮಾಡಿ ಹಾಕುವುದರಿಂದ ಸೊರಗು ರೋಗವನ್ನು ಹತೋಟಿ ಮಾಡಬಹುದು</p> <p>ಕಾಳು ಮೆಣಸಿನಲ್ಲಿ ಸೊರಗುರೋಗದ ಹತೋಟಿಗೆ ಶೇ 1 ರ ಬೋರ್ಡೋದ್ರಾವಣವನ್ನು ಸಿಂಪಡಿಸಬೇಕು ಹಾಗೂ ಪ್ರತಿ ಮರದ ಬುಡಕ್ಕೆ 50 - 60 ಗ್ರಾಂ ಟ್ರೈಕೋಡರ್ಮಾ ಜೈವಿಕ ಶಿಲಿಂಧ್ರನಾಶಕವನ್ನು ಹಟ್ಟಿ ಗೊಬ್ಬರದ ಜೊತೆ ಮಿಶ್ರಣ ಮಾಡಿ ಹಾಕಬೇಕು</p> <p>ಅಡಿಕೆ ಬೇಸಾಯ ಮಾಡಲು ಸೆಪ್ಟೆಂಬರ್ ತಿಂಗಳು ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು 1 ಬುಟ್ಟಿ ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರ, 160 ಗ್ರಾಂ ಯೂರಿಯ, 150 ಗ್ರಾಂ ರಂಜಕ, 175 ಗ್ರಾಂ ಪೋಟಾಷ್ (ಎಂಓಪಿ) ರಸಗೊಬ್ಬರವನ್ನು ಅಡಿಕೆ ಬುಡದಿಂದ 2 ಅಡಿ ದೂರದಲ್ಲಿ ಪಾತಿ ಮಾಡಿ ಕೊಡಬೇಕು</p> <p>ಕರಾವಳಿ ಪ್ರದೇಶಗಳಲ್ಲಿ ಶಿಲಾರಂಜಕ ಮುಖಾಂತರ ರಂಜಕ ಒದಗಿಸುವುದು ಸೂಕ್ತ</p> <p>ಎಂಟರಿಂದ ಹತ್ತು ವರ್ಷದ ಅಡಿಕೆ ತೋಟದಲ್ಲಿ ಮಿಶ್ರ ಬೆಳೆಗಳಾಗಿ ಕೊಕ್ಕೊಕ್ಕು, ಕರಿಮೆಣಸು, ಜಾಯಿಕಾಯಿ, ಲವಂಗ ಮತ್ತು ಸರ್ವ ಸಾಂಬಾರ್ ಬೆಳೆಗಳನ್ನು ಬೆಳೆಯಬಹುದು</p> <p>ಬೇರು ಹುಳು ಪೀಡಿತ ಅಡಿಕೆ ತೋಟದಲ್ಲಿ ಸೆಪ್ಟೆಂಬರ್ - ಅಕ್ಟೋಬರ್ ತಿಂಗಳಲ್ಲಿ ಮೂರನೇ ಹಂತದ ಮರಿಗಳು ಸಾಕಷ್ಟು ಆಳದಲ್ಲಿ ಇರುತ್ತದೆ. ಆ ಸಮಯದಲ್ಲಿ ಅಕ್ಕಪಕ್ಕದ ಬಸಿಗಾಲುವೆಗಳಲ್ಲಿ ನೀರು ನಿಲ್ಲಿಸಿದರೆ ಹುಳು ಮೇಲಕ್ಕೆ ಬರುವುದರಿಂದ ಎರಡು ಬಸಿಗಾಲುವೆಗಳ ಮಧ್ಯದ ಪಟ್ಟದಲ್ಲಿ ಅಗತ ಮಾಡಿ ಹುಳುಗಳನ್ನು ನಾಶಪಡಿಸಬಹುದು</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸೆಪ್ಟೆಂಬರ್ ಮತ್ತು ಅಕ್ಟೋಬರ್ ತಿಂಗಳು ಬಳ್ಳಿಯ ಸವರುವಿಕೆ ಮಾಡಲು ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು ರೋಗಕ್ಕೆ ಮತ್ತು ಕೀಟ ಬಾಧೆಗೆ ತುತ್ತಾದ ಗೆಲ್ಲುಗಳನ್ನು ಒಣಗಿರುವ ಒತ್ತಿಗೆ ಬೆಳೆದ ಗೆಲ್ಲುಗಳನ್ನು ಸವರಬೇಕು</p>		
October 2014	4	<p>ಕೃಷಿ ಮೇಳ 2014 ನ್ನು ಅಕ್ಟೋಬರ್ 11 ಮತ್ತು 12 ರಂದು ಕೃಷಿ ಕೇಂದ್ರ ಬ್ರಹ್ಮಾವರದಲ್ಲಿ ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದ್ದು. ಪ್ರಯೋಜನವನ್ನು ಪಡೆದು ಕೊಳ್ಳಲು ಕೋರಲಾಗಿದೆ</p> <p>ಕೃಷಿ ಮೇಳ 2014 ನ್ನು ಅಕ್ಟೋಬರ್ 18 ರಿಂದ 20 ರ ವರೆಗೆ ಕೃಷಿ ಮತ್ತು ತೋಟಗಾರಿಕಾ ವಿಶ್ವ ವಿದ್ಯಾಲಯ, ನವಿಲೆ ಶಿವಮೊಗ್ಗದಲ್ಲಿ ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದ್ದು ಎಲ್ಲಾ ರೈತ ಬಾಂಧವರು ಇದರ ಪ್ರಯೋಜನವನ್ನು ಪಡೆದು ಕೊಳ್ಳಲು ಕೋರಲಾಗಿದೆ</p> <p>ಬಾಳೆಯಲ್ಲಿ ಬಾಳೆ ಪತಂಗದ ಹಾವಳಿ ಅಲ್ಲಿ ಕಂಡುಬರುತ್ತಿದ್ದು ಬಾಳೆ ಎಲೆಗಳನ್ನು ತಿಂದು ಹಾಳು ಮಾಡುತ್ತದೆ. ಅದರ ನಿವಾರಣೆಗೆ ಹುಳುಗಳನ್ನು ಆಯ್ದು ಸಾಯಿಸಬೇಕು. ಎಕರೆಗೆ 10 -15 ಕವಲು ಕಡ್ಡಿಗಳನ್ನು ನೆಡಬೇಕು. ಹತೋಟಿಗೆ ಕೋರೋಪ್ರಿಫಾಸ್ 2 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಗಿಡಪೂರ್ತಿ ಸಿಂಪಡಿಸಬೇಕು. 10 -15 ದಿನ ಬಾಳೆ ಮತ್ತು ಬಾಳೆಗೊನೆಗಳನ್ನು ಉಪಯೋಗಿಸಬಾರದು</p>	1725	

		ಬಾಳೆಯಲ್ಲಿ ಗಡ್ಡೆ ಕೊರೆಯುವ ಹುಳುಗಳ ಬಾಧೆ ರೈತರ ಜಮೀನಿನಲ್ಲಿ ಕಂಡುಬರುತ್ತಿದ್ದು ಅದರ ಹತೋಟಿಗೆ ಪ್ರತಿ ಮರಕ್ಕೆ 5 ಮಿ.ಲೀ ಕೋರೋಪ್ರಿಫಾಸ್ ಸಮಪ್ರಮಾಣದ ನೀರಿನಲ್ಲಿ ಬೆರೆಸಿ ಕಾಂಡಕ್ಕೆ ಭೂಮಿಯಿಂದ 1 ಅಡಿ ಎತ್ತರಕ್ಕೆ ಚುಚ್ಚಿ ಮದ್ದಿನ ಮೂಲಕ ಕೊಡಬೇಕು ಅಥವಾ ಕೋರೋಪ್ರಿಫಾಸ್ 2 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು		
November 2014	5	ನಿಧಾನ ಸೊರಗು ರೋಗವನ್ನು ತಡೆಗಟ್ಟಲು ಪ್ರತಿ ಗಿಡಕ್ಕೆ ಭೂಮಿಗೆ 20 ಗ್ರಾಂ ಫ್ಯೂರಾಡಾನ ಅಥವಾ 10 ಗ್ರಾಂ ಥಿಮೆಟ್ ಹಾಗೂ ಶೇ.೦.1 ರ ಕಾರ್ಬೆಂಡೈಜಿಮ್ ಅಥವಾ ಶೇ ೦.3 ರ ಕ್ಯಾಪ್ತಾನ್ ನಿಂದ ಉಪಚರಿಸಬೇಕು	2238	
		ಮೀಟರ್ ಅಲಸಂದೆಯಲ್ಲಿ ಅಧಿಕ ಇಳುವರಿ ಕೊಡುವಂತಹ ತಳಿ ಅರ್ಕಾ ಮಂಗಳ 60 ದಿನಗಳಲ್ಲಿ ಹಸಿರು ಕಾಯಿಗಳು ಕಟಾವಿಗೆ ಬರುತ್ತದೆ. 70 ರಿಂದ 75 ಸೆಂ ಮೀ ನಷ್ಟು ಉದ್ದವಿರುವ ಕಾಯಿಗಳನ್ನು ಬಿಡುತ್ತದೆ. 10 ಟನ್ ಇಳುವರಿ ಪ್ರತಿ ಎಕರೆ ಯಿಂದ ಪಡೆಯಬಹುದು		
		ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸೆಪ್ಟೆಂಬರ್ ಮತ್ತು ಅಕ್ಟೋಬರ್ ತಿಂಗಳು ಬಳ್ಳಿಯ ಸವರುವಿಕೆ ಮಾಡಲು ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು ರೋಗಕ್ಕೆ ಮತ್ತು ಕೀಟ ಬಾಧೆಗೆ ತುತ್ತಾದ ಗೆಲ್ಲುಗಳನ್ನು ಒಣಗಿರುವ ಒತ್ತಿಗೆ ಬೆಳೆದ ಗೆಲ್ಲುಗಳನ್ನು ಸವರಬೇಕು		
		ಭತ್ತ ಕಟಾವು ಮಾಡಿದ ಪ್ರದೇಶದಲ್ಲಿ ಹಿಂಗಾರಿ ಬೆಳೆಯಾಗಿ ಉದ್ದು ಬೆಳೆಯನ್ನು ಬಿತ್ತುವುದು, ತಳಿಗಳಾದ ಟಿ-9 , ರಶ್ಮಿ ನಮ್ಮ ಕರಾವಳಿ ಭಾಗಕ್ಕೆ ಸೂಕ್ತ. ಬೀಜದ ಪ್ರಮಾಣ 10 ಸೆಂಟ್ಸ್ ಗೆ 1 ರಿಂದ 1.5 ಕೆ.ಜಿ. ಬೀಜ ಬೇಕಾಗುತ್ತದೆ		
		ಕರಿದಿ ಮಾಡಿದ ಉದ್ದಿನ ಬೀಜವನ್ನು ಬೀಜೋಪಚಾರ ಮಾಡಬೇಕು- ಪ್ರತಿ 1 ಕೆ. ಜಿ. ಬೀಜಕ್ಕೆ 20 ಗ್ರಾಂ ರೈಜೋಬಿಯಂ ಜೀವಾಣು ಹಾಗೂ 20 ಗ್ರಾಂ ರಂಜಕ ಕರಗಿಸುವ ಜೀವಾಣು ಜೈವಿಕ ಗೊಬ್ಬರದಿಂದ ಉಪಚರಿಸಿ ಬಿಕ್ಕಬೇಕು		
December 2014	5	ಉದ್ದು ಬೆಳೆಗೆ ರಾಸಾಯನಿಕ ಗೊಬ್ಬರದ ಪ್ರಮಾಣ ಕಾಂಪೋಸ್ಟ್ ಗೊಬ್ಬರವಾದ ಸುಫಲ 15 :15 :15 ನ್ನು 1 ಎಕರೆಗೆ 2 ಬ್ಯಾಗ್ ನಂತೆ ಕೊಡಬೇಕು	2287	
		ಬದನೆಯಲ್ಲಿ ಕಾಂಡ ಮತ್ತು ಕಾಯಿ ಕೊರಕದ ನಿಯಂತ್ರಣಕ್ಕೆ ಬಾಧಿತ ಸುಳಿ ಹಾಗೂ ಕಾಯಿಗಳನ್ನು ಹುಳುಗಳ ಸಹಿತ ಕಿತ್ತು ನಾಶ ಮಾಡಬೇಕು ಪತಂಗ ಗಳನ್ನು ಸೆರೆಹಿಡಿಯಲು ವೋಟಾ ಟ್ರ್ಯಾಪ್/ ವಾಟರ್ ಟ್ರ್ಯಾಪ್ ಮೋಹಕ ಬಲೆ ಎಕರೆಗೆ 8-10 ರಂತೆ ಸಮಾನಾಂತರದಲ್ಲಿ ಅಳವಡಿಸಿ		
		ಯಾವುದೇ ತರಕಾರಿ ಬೆಳೆ ಬಿತ್ತುವಾಗ ಅಥವಾ ನಾಟಿಮಾಡುವಾಗ ಬೆಳೆಯುವ ಜಮೀನಿಗೆ ಉಳುಮೆ ಮಾಡುವ ಸಮಯದಲ್ಲಿ ಬೆಳೆಗೆ ಕೀಟ ಮತ್ತು ರೋಗಗಳ ನಿರೋಧಕ ಶಕ್ತಿ ಬರಲು ಎಕರೆಗೆ 150 -200 ಕೆ.ಜಿ ಬೇವಿನ ಹಿಂಡಿ ಹಾಕಬೇಕು		
		ಉಡುಪಿಯಲ್ಲಿ ಭತ್ತದ ಬೆಳೆಯಲ್ಲಿ ಜಿಗಿ ಹುಳುಗಳ ಬಾಧೆ ಅಲ್ಲಲ್ಲಿ ಕಾಣಿಸಿಕೊಳ್ಳುತ್ತಿದ್ದು ಅವುಗಳ ಹತೋಟಿಗೆ ರೈತರು		

		ಗದ್ದೆಯಲ್ಲಿನ ನೀರನ್ನು ಒಂದು ವಾರ ಖಾಲಿ ಮಾಡಿ ಇಮಿಡಾಕ್ಲೋಪ್ರೀಡ್ ಕೀಟನಾಶಕವನ್ನು 0.5 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಗಿಡ ಪೂರ್ತಿ ನೆನೆಯುವಂತೆ ಸಿಂಪಡಿಸಬೇಕು		
		ಕೃಷಿ ವಿಜ್ಞಾನ ಕೇಂದ್ರ ಬ್ರಹ್ಮಾವರದಲ್ಲಿ ದಿನಾಂಕ 09 .12 .2014 ರಂದು ಬೆಳಿಗ್ಗೆ 10 ಗಂಟೆಗೆ ಕೃಷಿ ರಸ ಪ್ರಶ್ನೆ ಕಾರ್ಯಕ್ರಮವನ್ನು ಹಮ್ಮಿಕೊಂಡಿದ್ದು ಉಡುಪಿ ಜಿಲ್ಲೆಯ ಆಸಕ್ತ ರೈತ / ರೈತ ಮಹಿಳೆಯರು ಭಾಗವಹಿಸಬಹುದು. ಚನ್ನಾಗಿ ಉತ್ತರಿಸಿದ ಮೊದಲು ಮೂವರು ವಿಜೇತರಿಗೆ ಸ್ಮರಣಿಕೆ ಮತ್ತು ಪ್ರಶಸ್ತಿ ಪತ್ರ ವಿತರಿಸಲಾಗುವುದು		
January 2015	7	ದಿನಾಂಕ 08 .01 .2015 ರಂದು ಡಾ. ಕೃಷ್ಣ ಮನೋಹರ್ ಕೃಷಿ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಂಗಳೂರು ಇವರು ಹನಿನೀರಾವರಿಯ ಮುಖಾಂತರ ರಸಗೊಬ್ಬರಗಳ ಬಳಕೆ ಕುರಿತು ತರಬೇತಿಯನ್ನು ನೀಡಲಿದ್ದಾರೆ. ಆಸಕ್ತರು ಇದರ ಪ್ರಯೋಜನವನ್ನು ಪಡೆದುಕೊಳ್ಳಬೇಕಾಗಿ ವಿನಂತಿ. (ವಲಯ ಕೃಷಿ ಮತ್ತು ತೋಟಗಾರಿಕೆ ಸಂಶೋಧನಾ ಕೇಂದ್ರ, ಬ್ರಹ್ಮಾವರದಲ್ಲಿ)	2938	
		ಕುಂದಾಪುರದ ಕೆಂಚನೂರು ನಾಗನಾಥ ದೇವಸ್ಥಾನದ ಆವರಣದಲ್ಲಿ ದಿನಾಂಕ 09 .01 .2015 ರಂದು ಸಮಯ ಬೆಳಿಗ್ಗೆ 10 .30 ಘಂಟೆಗೆ ಜಿಲ್ಲಾ ಮಟ್ಟದ ಗೇರು ಬೆಳೆಯ ವಿಚಾರ ಸಂಕೀರ್ಣವನ್ನು ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದ್ದು ಆಸಕ್ತ ರೈತರು ಹಾಗೂ ರೈತ ಮಹಿಳೆಯರು ಇದರ ಪ್ರಯೋಜನವನ್ನು ಪಡೆದುಕೊಳ್ಳಬೇಕಾಗಿ ಈ ಮೂಲಕ ವಿನಂತಿಸಿ ಕೊಳ್ಳಲಾಗಿದೆ		
		ಅಡಿಕೆ ಬೆಳೆಯಲ್ಲಿ ಹೆಚ್ಚು ನೀರು ನಿಲ್ಲಿಸಿದರೆ ಗಿಡಗಳು ಕೊಳೆತು ಸಾಯುತ್ತವೆ		
		ತೆಂಗಿನಲ್ಲಿ ನುಸಿ ಹತೋಟಿಗೆ ಪ್ರತಿ ಮರದ ಬುಡಕ್ಕೆ 5 ಕೆ.ಜಿ. ಬೇವಿನ ಹಿಂಡಿ ಹಾಗೂ 1 ಕೆ.ಜಿ ಪೊಟ್ಯಾಶ್ ಗೊಬ್ಬರ ಹಾಕಬೇಕು		
		ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸುರುಳಿ ಹುಳು ಹತೋಟಿಗೆ ಬಾಧಿತ ಮಲ್ಲಿಗೆ ಗಿಡಗಳ ಭಾಗಗಳನ್ನು ಹುಳುಸಹಿತ ಕಿತ್ತು ಕ್ಲಿನಾಲ್ ಫಾಸ್ 2 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು		
		ಹಸಿರಲೆ ಸೊಪ್ಪಿನಲ್ಲಿ ಕೀಟಗಳ ಹತೋಟಿಗೆ ಶೇ 0 .2 ರ ಕಹಿಬೇವಿನಾಧಾರಿತ ಕೀಟನಾಶಕಗಳನ್ನು ಪ್ರತಿ ವಾರಕ್ಕೊಮ್ಮೆ ಸಿಂಪಡಿಸಬೇಕು		
		ಕಾಳು ಮೆಣಸಿನಲ್ಲಿ ಶೀಘ್ರ ಸೊರಗು ರೋಗದ ಹತೋಟಿಗೆ ಪ್ರತಿ ಮರದ ಬುಡಕ್ಕೆ 50 ಗ್ರಾಂ ಟ್ರೈಕೊಡರ್ಮಾ ವನ್ನು ಹಟ್ಟಿ ಗೊಬ್ಬರದ ಜೊತೆ ಮಿಶ್ರಣ ಮಾಡಿ ಹಾಕಬೇಕು ಹಾಗೂ ಶೇ. 1 ರ ಬೋರ್ಡೊ ದ್ರಾವಣ ಸಿಂಪಡಿಸಬೇಕು		
Feb ruary 2015	8	ಬೇಸಿಗೆಯಲ್ಲಿ ತೇವಾಂಶವನ್ನು ಸಂರಕ್ಷಿಸಲು ತೆಂಗಿನ ಬುಡದಲ್ಲಿ ತೆಂಗಿನ ಗರಿಗಳನ್ನು ಮುಚ್ಚಬೇಕು ಇದರಿಂದ ಕಳೆಗಳನ್ನು ನಿಯಂತ್ರಿಸಬಹುದು	3889	

		<p>ತೆಂಗಿನ ಬೆಳೆಯಲ್ಲಿ ಹನಿ ನೀರಾವರಿ ಅಳವಡಿಸುವುದರಿಂದ ಶೇ 25 ರಷ್ಟು ಬೇರಿನ ವಲಯ ನೀರನ್ನು ಪಡೆದು ಮರದ ಬೆಳವಣಿಗೆಯನ್ನು ಹಾಗೂ ಇಳುವರಿಯನ್ನು ಹೆಚ್ಚಿಸುತ್ತದೆ</p> <p>ಅಡಿಕೆಯಲ್ಲಿ ಸಿಂಗಾರ ಒಣಗುವ ರೋಗದ ಭಾದೆಯು ಫೆಬ್ರವರಿಯಿಂದ ಮೇ ತಿಂಗಳವರೆಗೆ ತೀವ್ರವಾಗಿದ್ದು ಈ ರೋಗದ ನಿವಾರಣೆಗೆ 1 ಲೀಟರ್ ನೀರಿನಲ್ಲಿ 3 ಗ್ರಾಂ ಇಂಡೋಫಿಲ್ ಎಮ್-45 ಅಥವಾ 4 ಗ್ರಾಂ ಡೈಥೇನ್ z -78 ನ್ನು ಕರಗಿಸಿ ಸಿಂಪಡಿಸಬೇಕು ಮತ್ತು ಒಣಗಿರುವ ಸಿಂಗಾರಗಳನ್ನು ಕಿತ್ತು ನಾಶ ಪಡಿಸಬೇಕು</p> <p>ತೊಂಡೆ ಬೆಳೆಯಲ್ಲಿ ಸಸ್ಯ ಹೇನಿನ ಹತೋಟಿಗೆ ಮುಂಜಾಗೃತ ಕ್ರಮವಾಗಿ ಬೇವಿನಾಧಾರಿತ ಕೀಟನಾಶಕವನ್ನು 3 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು. ಬಾಧೆ ಜಾಸ್ತಿ ಇದ್ದರೆ ಡೈಮಿಥೋಯೇಟ್ 30 ಇ.ಸಿ 1 .75 ಮಿ. ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು.</p> <p>ಬೆಂಡೆಯಲ್ಲಿ ಹಳದಿ ನಂಜು ರೋಗದ ಹರಡುವಿಕೆಯನ್ನು ತಡೆಗಟ್ಟಲು ಬಾಧಿತ ಎಲೆಗಳನ್ನು /ಗಿಡಗಳನ್ನು ಕಿತ್ತು ಸುಡಬೇಕು. ಇಮಿಡಾಕ್ಲೋಪ್ರಿಡ್ 0.5 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p> <p>ಹಲಸನ್ನು ಹಲಸಿನ ಚಿಕ್ಕ ಕಾಯಿಗಳ ಕೊಳೆಯುವಿಕೆಯನ್ನು ತಡೆಗಟ್ಟಲು 1 ಗ್ರಾಂ ಕಾರ್ಬನ್ ಡೇಜಿಮ್ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಎಲೆ ಚುಕ್ಕೆ ರೋಗದ ಹತೋಟಿಗೆ 1 ಗ್ರಾಂ ಕಾರ್ಬನ್ ಡೇಜಿಮ್ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಗೂಡು ಹುಳುಗಳ ಹತೋಟಿಗೆ 1 ಮಿ.ಲೀ ಮೋನೋಕ್ರೋಟೋಫಾಸ್ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p>		
March 2015	1	<p>ಅಡಿಕೆಯಲ್ಲಿ ಸಿಂಗಾರ ಒಣಗುವ ರೋಗದ ಭಾದೆಯು ಫೆಬ್ರವರಿಯಿಂದ ಮೇ ತಿಂಗಳವರೆಗೆ ತೀವ್ರವಾಗಿದ್ದು ಈ ರೋಗದ ನಿವಾರಣೆಗೆ 1 ಲೀಟರ್ ನೀರಿನಲ್ಲಿ 3 ಗ್ರಾಂ ಇಂಡೋಫಿಲ್ ಎಮ್-45 ಅಥವಾ 4 ಗ್ರಾಂ ಡೈಥೇನ್ z -78 ನ್ನು ಕರಗಿಸಿ ಸಿಂಪಡಿಸಬೇಕು ಮತ್ತು ಒಣಗಿರುವ ಸಿಂಗಾರಗಳನ್ನು ಕಿತ್ತು ನಾಶ ಪಡಿಸಬೇಕು</p>	498	
Total for the year 2014-15	66		24760	

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1.	Paddy	-	0.8	MO-4	Bulk	0.766	5000	9958	
2.	Cashew		-	Ullal-1		1648	24720	32960	
3.	Jasmine		-	Udupi Mallige		4221	75978	105525	
4.	Coconut		-	West coast tall		1310	32750	65500	
5.	Coconut		-	Choughat orange dwarf		146	5110	10220	
6.	Bush pepper		-	Paniyur – 1		5	150	250	
7.	Papaya		-	Taiwan Red lady		412	3296	6180	
8.	Drumstick		-	Bhagya		79	711	1185	
9.	Black pepper		0.04	Paniyur – 1		3.25	1000	2275	
10.	Banana		0.8	Puttabale		611	1833	4888	
11.	Cashew apple syrup		-	-		5	200	375	
12.	Chrysanthemum rooted cuttings		0.04	Local		6750	6750	20250	
13.	Bottle gourd		0.04	Local		0.20	100	200	
14.	Poultry		-	Giriraja		949	61685	76200	
15.	Fish		0.4	Catla		1000	25000	50000	
16.	Rabbits		-	Newzealand		4	800	1400	

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

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 2014	40	1	
May 2014	7	1	
June 2014	18	1	
July 2014			
August 2014			
September 2014			
October 2014			
November 2014			
December 2014			
January 2015			
February 2015			
March 2015			

13.F. Database management

S. No	Database target	Database created
1.		OFT 2012-13 & 2013-14 FLD 2012-13 & 2013-14 Field visits 2013-14 Trainings 2013-14 Soil sample results 2009 to 2012 On line reporting 2014-15

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

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	Varamballi, Brahmavar	0466	S.B. Account	172871-173629	000015000	CNRB 0000466

14.B. Utilization of KVK funds during the year 2014-15 (Rs. in lakh)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
25.1	Recurring Contingencies			
25.1.1	Pay & Allowances	6400000	6400000	7300000
25.1.2	Traveling allowances	73000	73000	125155
25.1.3	Contingencies			
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	30000	30000	250579
<i>B</i>	POL, repair of vehicles, tractor and equipments	30000	30000	210734
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	20000	20000	75840
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	20000	20000	73225
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	220000	220000	309098
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	30000	30000	65176
<i>G</i>	Training of extension functionaries	10000	10000	17758
<i>H</i>	Maintenance of buildings	10000	10000	6196
<i>I</i>	Integrated Farming Systems	10000	10000	9750
<i>J</i>	Farmers Field School	10000	10000	9784
<i>K</i>	Extn. Activities	10000	10000	42480
<i>L</i>	Establishment of Soil, Plant & Water Testing Laboratory			
<i>M</i>	Library			4890
25.1	TOTAL Recurring Contingencies			
25.2	Non-Recurring Contingencies			
25.2.1	Works			
25.2.2	Equipments including SWTL & Furniture			
25.2.3	Vehicle (Four wheeler/Two wheeler, please specify)			

Sl. No.	Particulars	Sanctioned	Released	Expenditure
25.2.4	Library (Purchase of assets like books & journals)			
25.2	TOTAL Non-Recurring Contingencies			
25.3	REVOLVING FUND			
25.4	GRAND TOTAL	6873000	6873000	8500665

14.C. Status of revolving fund (Rs. in lakh) for the three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2012 to March 2013	347025	250229	300833	296421
April 2013 to March 2014	296421	813171	814114	295478
April 2014 to March 2015	295478	695707	750103	241082

15. Details of HRD activities attended by KVK staff during 2013-14

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. Jayalaxmi N Hegde	Programme Coordinator	Participatory Impact Monitoring and Assessment	JSS KVK, Suttur, Mysore	01.12.2014 to 06.12.2014
Mr Chaitanya H.S.	SMS (Horticulture)	National Seminar on Cocoa	UAHS, Shivamogga	30.01.2015 to 31.01.2015
Dr. T.S. Ganesh Prasad	SMS (Agril. Extn.)	Participatory Impact Monitoring and Assessment	MYRADA KVK, Erode	19.11.2014 to 24.11.2014
Dr. N.E. Naveen	SMS(Agronomy)	Attracting External Funding for Research	UAHS Shivamogga	17.01.2015 to 18.01.2015
Mrs Shailaja	Programme Assistant (Computer)	Database Management	KVK, Pathanamthitta	11.11.2014 to 13.11.2014

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

SUMMARY FOR 2014-15

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Nutrient Management	Groundnut	Assessment of nutrient dosage in Ground nut	5
Varietal Evaluation	Groundnut	Assessment of Groundnut varieties	5
	Chrysanthemum	Assessment of chrysanthemum varieties	5
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			15

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Disease Management			
Evaluation of Breeds			
Feed and Fodder management			
Nutrition Management			
Production and Management	Fishery	Assessment of Amur Common carp in polyculture system along with Catla and Rohu	3
Others (Pl. specify)			
Total			3

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			

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

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																		
	Resource conservation technology	Soil acidity management in Paddy		9	4	40	37.5	6.25			21800	48000	26200	2.20	21000	45000	24000	2.14
	ICM	ICM in paddy		10	4	38	34.5	9.21			22500	45600	23100	2.02	21000	41400	20400	1.97
	Farm Mechanization	Mechanization in paddy		9	4	44	38.5	12.5			19000	52800	33800	2.77	21800	46200	24400	2.11
	Resource conservation technology	Enriching paddy fallows through green manure crop		9	4	Total green manure produced /ha = 25 t Nitrogen-18.5 kg/ha Phosphorous- 4.0 kg/ha Potassium – 16 kg/ha Total savings in Rs.1075/-												
Millets																		
Oilseeds																		
	Nutrient management	Micronutrient management in Groundnut and processing value addition and market		10	4	26.0	25.1	2.76			19300	90160	70360	3.64	19000	87474	68474	3.60
Pulses																		
Vegetables																		
	ICM	Introduction of Multi cut Amaranth Variety Arka Arunima		20	2.5	167.5	122.25	26.24			56750	174430	117680	3.07	49675	101651	51976.5	2.04
	ICM	Introduction of High Yielding Yard Long Bean Variety Arka Mangala		10	1	163.2	122.1	25.18			88025	287176	199151	3.26	79737	207808	128071	2.60

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																		
		Culture of Desirable fish species in polyculture system		3	1.88													
		Culture of Individually high value brackish water fish in cage culture system		4	0.16													
		Grass carp and common carp culture for Management of weed infested minor tanks		3	1													
Mussels																		
Ornamental fishes																		
Others (pl.specify)																		
		Total																

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

** BCR= GROSS RETURN/GROSS COST

RESULTS OF ON – GOING OFTs AND FLDs

Observations of Ongoing FLDs- Culture of Individually high value brackish water fish in cage culture system

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg. length (cm)	Avg wt. (gm)
Sea bass	4.2	12	19	128

Observations of Ongoing FLD : Culture of desirable fish species in Polyculture system (60:20:20)

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg length (cm) 3 rd Month	Avg wt. (gm) 3 rd month
Catla	3.26	1.1	14.5	41
Rohu	3.29	0.9	13.8	39
Mrigala	4.99	1.6	12.2	20.4

Observations of Ongoing FLD : Grass carp and Common carp culture for management of weed infested minor tanks (70:30)

Species	Avg. initial length (cm)	Avg. initial wt (gm)	Avg length (cm) after 5 months	Avg wt. (gm) after 5 months
Grass Carp	5.55	1.45	22.2	84.78
Common carp	3.91	0.64	17.10	53

Observations of on going FLD: Integrated management of Root grub in Arecanut

Root grub count	*Grubs/tree (Av. Of 10 palms)			
	Demonstration		Check	
	2013	2014	2013	2014
Before treatment	8.86	3.14	7.45	8.28
After Treatment	3.38	2.18	6.33	7.17

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						

IV. Training Programme

7.A.. Training of Farmers and Farm Women 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										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management										
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs	2	35	9	44	-	-	-	35	9	44
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	0	47	47	-	-	-	0	47	47

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)	1	30	7	37	-	-	-	30	7	37
TOTAL	20	512	220	732	1	1	2	513	221	734

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify) Information about agriculture	1	40	48	88	-	-	-	40	48	88
TOTAL	25	619	362	981	15	30	45	634	392	1026

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 and disease Management	1	37	11	48	-	-	-	37	11	48
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										
Integrated crop management										
Total	1	37	11	48	-	-	-	37	11	48

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	1	47	9	56	-	-	-	47	9	56
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 (pl.specify)										
Total	1	47	9	56	-	-	-	47	9	56

7.G. Sponsored training programmes conducted

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	80	4	84	18	3	21	98	7	105
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	2	8	42	50	-	-	-	8	42	50
7.b.	Others (pl.specify)										
8	Farm machinery										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	Livestock and fisheries										
10	Livestock production and management										
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c.	Fisheries Nutrition										
10.d.	Fisheries Management										
10.e.	Others (pl.specify)										
11.	Home Science										
11.a.	Household nutritional security										
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										
12.b.	Protection of plant varieties and farmers right act-2001	1	128	14	142	-	-	-	128	14	142
	Total	4	216	60	276	18	3	21	234	63	297

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.	Ornamental fish farming											
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	1	30	8	38	-	-	-	30	8	38	
4.d.	Rural Crafts											
4.e.	Seed production											
4.f.	Sericulture											
4.g.	Mushroom cultivation	1	62	3	65	-	-	-	62	3	65	
4.h.	Nursery, grafting etc.											
4.i.	Tailoring, stitching, embroidery, dying etc.											
4.j.	Agril. para-workers, para-vet training											
4.k.	Beekeeping	3	68	21	89	-	-	-	68	21	89	
5	Agricultural Extension											
5.a.	Capacity building and group dynamics											
5.b.	Others (pl.specify)											
	Grand Total	5	160	32	192	0	0	0	160	32	192	

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	505	841	-	841
Diagnostic visits	8	88	-	88
Field Day	6	240	-	240
Group discussions	14	500	12	512
Kisan Ghosthi	-	-	-	-
Film Show	-	-	-	-
Self -help groups	-	-	-	-
Kisan Mela	1	2000	-	2000
Exhibition	4	20000	-	20000
Scientists' visit to farmers field	273	420	-	420
Plant/animal health camps	1			
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	3	29	1	30
Method Demonstrations	34	560	9	569
Celebration of important days	10	560	-	560
Special day celebration	-	-	-	-
Exposure visits	3	120	-	120
Others (pl.specify)	-	-	-	-
Total				

Details of other extension programmes

Particulars	Number
Electronic Media	
Extension Literature	21
News Letter	4
News paper coverage	75
Technical Articles	
Technical Bulletins	2
Technical Reports	
Radio Talks	8
TV Talks	2
Animal health amps (Number of animals treated)	1
Others (pl.specify)	
Total	

VI. PRODUCTION OF SEED/PLANTING MATERIAL**Production of seeds by the KVKs**

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Lady's finger	Halu bhendi	-	27.535	32308	119
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total						

Production of planting materials by the KVK

<i>Crop category</i>	<i>Name of the crop</i>	<i>Name of the variety (if hybrid pl. specify)</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Commercial					
Vegetable seedlings	Drumstick	Bhagya	79	1185	24
Fruits	Papaya	Taiwan Red lady	412	6180	221
	Banana	Puttabale	611	4888	156
Ornamental plants					
Medicinal and Aromatic					
Plantation	Cashew	Ullal-1	1648	32960	343
	Coconut	West coast tall	1310	65500	250
	Coconut	Choughat orange dwarf	146	10220	57
Spices	Bush pepper	Paniyur – 1	5	250	2
Fodder crop saplings					
Forest Species					
Others(specify)	Jasmine	Udupi Mallige	4221	105525	638
	Chrysanthemum rooted cuttings	Local variety	6750	20250	59
Total					

Production of Bio-Products-Nil-

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Production of livestock and related enterprise materials

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry	Giriraja	949	76200	256
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Rabbits	4	1400	2
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries	Catla	1000	50000	520
Fingerlings				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2014-15

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	146	96	38	4380
Water Samples	77	38	20	3850
Plant samples				
Manure samples				
Others (specify)				
Total	223	134	58	8230

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted -1

IX. NEWSLETTER

Number of issues of newsletter published - 4

X. RESEARCH PAPER PUBLISHED

Number of research paper published -2

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