Annual Progress Report 2014-15

(FOR THE PERIOD APRIL 2014 TO MARCH 2015)

Submitted to:

Zonal Project Director
Zonal Project Directorate, Zone-VIII
ICAR, MRS, Hebbal, Bangalore

Submitted by:

Taralabalu Krishi Vigyan Kendra, Davanagere
Kadalivana, LIC Colony Layout, B.I.E.T. Road
Davanagere - 577 004
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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
	Office	Fax		
Taralabalu Krishi Vigyan Kendra Kadalivana, LIC Colony Layout, B.I.E.T. Road, Davanagere – 577 004	08192 – 263462	08192 – 260969	dvgtkvk@yahoo.com	www.taralabalukvk.com

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

Address	Telephone		E mail	Web Address
	Office	Fax		
Taralabalu Rural Development Foundation Sirigere – 577541 Chitradurga (Dist.)	08194 – 268829, 268842	08194 - 268847	trdf@taralabalu.org	www.taralabalu.org

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Devaraja T.N.	--	094498 – 56876	tngdevaraja@yahoo.co.uk

1.4. Year of sanction: 2004

1.5. Staff Position (as 31st March 2014)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)
1	2	3	4	5	6	7
1	Programme Coordinator	Dr. Devparaja T.N.	Programme Coordinator	M	Fisheries	Ph.D. (Aquatic Microbiology)
2	Subject Matter Specialist	Mr. Basavanagowda M.G	Subject Matter Specialist	M	Horticulture	M.Sc. (Hort.)
3	Subject Matter Specialist	Mr. Mallikarjuna B.O	Subject Matter Specialist	M	Agronomy	M.Sc. (Agri.)
4	Subject Matter Specialist	Dr. Jayadevappa G.K.	Subject Matter Specialist	M	Animal Science	M.V.Sc. (Animal Nutrition)
5	Subject Matter Specialist	Mr. Raghuraja J.	Subject Matter Specialist	M	Agricultural Extension	M.Sc. (Agri.)
6	Subject Matter Specialist	Mr. Prasanna Kumara N.	Subject Matter Specialist	M	Plant Protection (Pathology)	M.Sc. (Agri.)
7	Subject Matter Specialist	Mr. Sannagoudra H.M.	Subject Matter Specialist	M	Soil Science	M.Sc. (Agri.)
8	Programme Assistant (Lab Tech.)/T-4	Mr. Revanasiddappa G.B.P.	Programme Assistant (Lab Tech.)	M	Lab Technician	M.Sc. (Agri.)
9	Programme Assistant (Computer)/ T-4	Mr. Santhosh B.	Programme Assistant	M	Computer	B.Sc. (Computer Science)
10	Programme Assistant/ Farm Manager	Mr. Vijayakumar S.B.	Programme Assistant	M	Farm Manager	M.Sc. (Plant Breeding & genetics)
11	Assistant	Mr. Mallikarjuna S.Gudihindala	Assistant	M	Accounts	B.Com.
12	Jr. Stenographer	Mrs. Mamatha H. Melmalagi	Stenographer-III	F	Stenographer-III	B.Com. + Shorthand
13	Driver	Mr. Marulasiddaiah N.M.	Driver	M	Jeep Driver	BA
14	Driver	Mr. Shivakumara S.	Driver	M	Tractor Driver	S.S.L.C.
15	Supporting staff	Mr. Shivakumara B.	Supporting staff	M	Office Assistant	S.S.L.C.
16	Supporting staff	Mr. Shivakumara S.E.	Supporting staff	M	Field Assistant	S.S.L.C.

Name of the incumbent	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/ OBC/Others)
3	8	9	10	11	12
Dr. Devaraja T.N.	37400-67000	473250/-	17-05-2005	Permanent	Others
Mr. Basavanagowda M.G.	15600-39100	21220/-	21-11-2006	Permanent	Others
Mr. Mallikarjuna B.O.	15600-39100	20440/-	09-01-2008	Permanent	Others
Dr. Jayadevappa G.K.	15600-39100	20440/-	29-01-2008	Permanent	Others
Mr. Raghuraja J.	15600-39100	19680/-	23-06-2008	Permanent	Others
Mr. Prasanna Kumara N.	15600-39100	19680/-	24-06-2008	Permanent	Others
Mr. Sannagoudra H.M.	15600-39100	16230/-	01-07-2013	Permanent	Others
Mr. Revanasiddappa G.B.P.	9300-34800	10130/-	11-04-2012	Permanent	Others
Mr. Santhosh B.	9300-34800	11940/-	05-09-2008	Permanent	Others
Mr. Vijayakumar S.B.	9300-34800	11940/-	23-06-2008	Permanent	Others
Mr. Mallikarjuna S.Gudihindala	9300-34800	15100/-	01-06-2005	Permanent	Others
Mrs. Mamatha H. Melmalagi	5200-20200	10700/-	27-06-2005	Permanent	Others
Mr. Marulasiddaiah N.M.	5200-20200	8360/-	01-06-2005	Permanent	Others
Mr. Shivakumara S.	5200-20200	8360/-	01-06-2005	Permanent	Others
Mr. Shivakumara B.	5200-20200	7370/-	01-06-2005	Permanent	Others
Mr. Shivakumara S.E.	5200-20200	7370/-	01-06-2005	Permanent	Others

1.6. Total land with KVK (in ha): 15 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.75
2.	Under Demonstration Units	0.50
3.	Under Crops	7.25
4.	Orchard/Agro-forestry	5.0
5.	Others	0.5
		15

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	**Administrative Building**	ICAR	04.01.2008	550	29.37			Completed
2.	**Farmers Hostel**	ICAR	04.01.2008	300	18,82,000.00			Completed
3	**Plant Health Clinic**	ICAR	01.04.2012		10,00,000.00			Completed
4.	**Staff Quarters**	ICAR	04.01.2008	400	19,40,000.00			Completed
	1. Programme Coordinator							
	2 .SMS (Animal Science)							
	3. SMS (Agri. Extension)							
	4. Farm Manager							
	5. Office Assistant							
	6. Driver (Jeep)							
5.	**Demonstration Units**							
	1. Dairy with modern facilities	ICAR	04.01.2008	160	6,41,000.00			Completed
	2. Shade Home	DBT	29.03.2013	1000	2,10,000.00			Completed
	3. Zero Energy Cool Chamber	DBT	1.12.2010	2.5	13,000.00			Completed
	4. Azolla bulk production unit	RF	2010	3	3,000.00			Completed
	5. Azolla production unit	NICRA	28.03.2013	3.53	20,000.00			Completed
	6. Ornamental fish breeding unit	DBT	2010	700	1,49,955.00			Completed
	7. Fish polyculture pond with horti integration	DBT	2010	600				Completed
	8.Portable Carp hatchery	ICAR	31-03-2011	--	2,25,000-00			Completed
	9.Fodder demo units	RF	2010	4000	41,428.00			Completed
	10. Erythrina standards for betelvine demo unit	RF	2010	300	1000.00			Completed
	11. Biogas unit	RF	2011	04	29920.00			Completed
	12. Fish cum paddy cultivation unit	RF	2011	421	13071.00			Completed
	13. Vermicomposting units	RF	2008	121	60000			Completed
	14 .Vermicomposting unit	DBT	2010	60	15000			Completed

6.	**Orchards and agro forestry**							Completed
	1. Mango	RF	2000	12000	53215.00			Completed
	2. Sapota orchard	RF	2010	4000	44775.00			Completed
	3. Hexagonal and penta planting of coconut garden, Germ plasm coconut	RF	2009	4000	9035.00			Completed
	4. Arecanut garden	RF	2007	8000	72228.00			Completed
	5.Tarmarind garden, Medicinal plants	RF	2000	2000	--			Completed
	6.Curry leaf garden	RF	2007	500	--			Completed
	7. Agro forestry with biofuel plants	RF	2000	24000	13166.00			Completed
7.	**Fencing**	ICAR	31-03-2011	930 feet	11,0000-00			Completed
8.	**Rain Water harvesting system**	--	--	--	--	To be sanctioned	--	
9.	**Threshing yard**	ICAR	31-03-2011		2,00,000-00			Completed
10.	**Farm Godown**	ICAR	--	--	--	To be sanctioned	--	
11.	**Bore wells (2 No.s)**	ICAR	31-03-2011		3,00,000-00			Completed
12.	**Irrigation system**	ICAR	31-03-2011		1,00,000-00			Completed
13.	**Borewell recharge unit**	RF	01-06-2011		64,585-00			Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run (upto 31-03-20150	Present status
Tractor and Trailer	2005	4,99,995-00	2956 hours	Good
Power tiller Funded by FLD cotton	2008	99400-00	--	Good
Power Tiller	2010	131500-00	--	Good
Tempo Cruiser	2005	4,99,250-00	205182	Good
Hero Honda CD Deluxe	2006	39,298-00	55720	Good
Yamaha Alba	2009	48,309-00	41080	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Mixer	2005	3,300/-	Good
Xerox Machine	2006	73,840/-	Good
Digital Camera	2006	19,900/-	Not in working condition
Over Head Projector	2006	19,935/-	Good
TV with DVD Player (Funded by SHIMUL)	2006	11,350/-	Good
Refrigerator (LG)	2007	10,000/-	Good
Deep Freezer + Stabilizer (Funded by ATMA)	2013	16,650/-	Good
Computer +LCD	2007	1,00,103/-	Good
Fax (4 in one)	2009	15,000/-	Good
Generator	2011	100000/-	Good

1.8. Details SAC meeting conducted in 2014-15

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2015-16
1	**2**	**3**	**4**	**5**
1	09-01-2014	Suggested to take funds from ATMA for large scale popularization of KVK technologies.	Request sent to Department of Agriculture, Davanagere to sanction funds under ATMA project for Agriculture Technology Information Week Celebration. Funds not received under the project due to shortage of fund release by Government.	
2		Enlarge districts soil map and put in SWT laboratory and in office	Soil maps of Davanagere district collected from NBSS & LUP, Bengaluru and displayed in office and SWTL for the benefit of the farmer.	
3		Suggested to conduct at least one impact study on improvement KVK activity.	In all 12 impact studies / case studies / success stories were conducted. Last year 'Impact of Training on' coconut climbing skill development and plant protection 'On Rural Youth Conducted'.	

1	2	3	4	5
4		Suggested to encourage more people to take up the fisheries activities-edible and ornamental	Edible fish culture has been improving with new farmers taking up pond aquaculture. Eg.: 2 in Kundawada 6 in Devarahatti 3 in Kanchikere 1 in Chatnahalli.	
5		Suggested to take up activities related to rain water harvesting, value addition and seed production.	Rain water harvesting adopted in farmers hostel building and harvested water led to fish pond (192 kg). Seed production activities in Bhendi, Velvet beans and Sunhemp were taken and in 2014-15 192 kg, Bhendi, 90 kg of velvet beans and 500 kg of Sunhemp produced in instructional farm.	
6		Suggested to work in cluster of villages for 2-3 years and then move in next years. Always keep old and new clusters each year.	Accordingly 5 new clusters have been identified and 1 cluster is continued and PRA in all these clusters were conducted. KVK activities in 2015-16 will be continued in these clusters.	
7		Suggested to give importance to CRMC numbers and ask them to take the NICRA project forward	New CRMC is constituted and issued guidelines for proper implementation of the NICRA project. Now the committee is involved in decision making especially to avoid climate related risks.	
8		Suggested to create data base of all activities by 2014-15	Data base on soil and water test, trainings, FLDs and OFTs, Farm Advisories Services and Extension activities created.	
9		Suggested to give soil analysis based recommendations to farmers, who submit samples to SWTL	Soil test based recommendations were given to farmers in written formats to all the farmers who submit samples to SWTL.	

PART II - DETAILS OF DISTRICT

2.1 Major farming systems/enterprises:

Sl. No	Farming system/enterprise
1	**Rainfed system:** Maize, Maize+Redgram, Ragi, Ragi+Horsegram, Greengram-Ragi, Minor millets, Jowar, Bengalgram , Redgram, Groundnut, Sunflower, Cotton, Mango.
2	**Irrigation (33%):** Rice- Rice, Sugarcane, Arecanut, Banana, Coconut, Papaya, Vegetable crops, Fodder crops, Pomegranate
3	**Enterprises:** Poultry, Dairy, Sheep/ Goat rearing, Fisheries, Vegetable nursery, Nursery
4	**Cropping intensity**: 122%

Taralabalu Krishi Vigyan Kendra is situated in Davanagere district of Karnataka state. The district occupies a total geographical area of 5913.4 sq. km. It is spread over 6 taluks consisting 35 hoblies and 232 gram panchayaths. According to 2011 census, the district comprises total population is 19,46,905 with population density of 329 people /sq. km. The district is primarily agrarian in character and more than 75% of its population depending directly / indirectly on agriculture for their livelihood. Literacy rate in the district is 75.74% (2011 sensus).

Davanagere district is at center of the state and lies in between latitude of 75^0.30' and 76^0.30' and longitude of 13^0.45' and 14^0.50' with MSL of 602.5 m. The annual average rainfall of the district is 656.9 mm (Actual 495.5 mm 2012). The variety of soil is medium to deep black and red sandy loam (Details in section 2.2). The district is essentially Kharif region and majority Rabi crops will be taken up with the help of irrigation from lower Bhadra canal. (Irrigation -33%) The district comprises of three agro climatic zones of Karnataka as given in section 2.3.

2.2 Description of Agro-climatic Zone & major agro ecological situations:

Sl. No	Agro-climatic Zone	Characteristics
1	Northern Dry Zone (Zone III)	The zone comprises Harapanahalli Tq. Major soil types of the zone are black and red soils. The main crops growing in the zone are Ragi, Maize, Jowar, Onion, Chilli, Sunflower and Minner millets, Coconut, Mango and Pomegranate.
2	Central Dry Zone (Zone IV)	Jagalur, Harihara and Davanagere Taluks come under Zone IV. We find red sandy soil mixed with clayey soil land patches of black soil in the zone. Major crops include Maize, Rice, Jowar, Sunflower, Sugarcane, Ragi, Minor millets, Vegetables, Coconut, Arecanut, Beetlevine, Groundnut, and Pomegranate.
3	Southern transitional Zone (Zone VII)	Southern transitional zone includes Channagiri and Honnali taluks. The dominating soil types found are red sandy soil and black cotton soil. Major crops growing the zone are Maize, Rice, Ragi, Cotton, Chilli, Jowar, Groundnut, Arecanut, Coconut, Mango and other Commercial crops.

S. No	Agro ecological situation	Characteristics
1	Southern Plateau and Hills	Typical semi-arid zone; About 80 % of the area falls under rainfed farming; Cropping intensity is very low. Soils are shallow and medium, loamy red, Major crops are Rice, maize, sugarcane, Arecanut, coconut and millets.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Red Sandy Soil (Harihara, Channagiri, Jagalur, Davanagere Tq.)	Low water holding capacity Neutral pH Low Nitrogen content Medium in Phosphorus and Potash	1, 26,000
2	Deep to Medium Deep Black Soil (Jagalur, Davanagere, Harapanahalli)	High water holding capacity Neutral to Alkaline pH Medium in Nitrogen and Phosphorus High Potassium	54,000
3	Mixed Red and Black Soil (Honnali, Jagalur, Harapanahalli)	Medium water holding capacity Neutral pH Medium in Nitrogen, Phosphorus and Potassium content	1, 62,000
4	Sandy Loam Soil (Harapanahalli, Davanagere)	Poor water holding capacity Neutral pH Deficient in Nitrogen, Phosphorus and Potassium	18,000
		Total	**3, 60,000**

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

Unit: Area in Hects., Prodn. in Tonnes, Cotton prodn. in bales of 170 Kg lint, Yield in Kgs/hect. S.cane yield in Tonnes/hect				
Sl. No.	**Crop**	**Area**	**Prodn.**	**Yield**
1	Rice	120876	569926	4715
2	Jowar	12343	29102	2358
	Jowar(Ratoon)	255	0	0
3	Ragi	14508	31837	2194
4	Maize	188448	806475	4280
5	Bajra	1502	2410	1605
6	Wheat	232	361	1556
7	M.Millets	114	91	800
I	**Total Cereals:**	**338278**	**1440203**	
1	Tur	8266	10033	1214
2	Bengalgram	5777	5777	1000
3	Horsegram	1822	2525	1386
4	Blackgram	141	143	1016
5	Greengram	1113	1109	996
6	Cowpea & other	2583	3745	1450
7	Avare	1506	1292	858
8	Mothbean (Madaki)	0	0	
II	**Total Pulses:**	**21208**	**24624**	
	Total Foodgrains:	**359486**	**1464827**	**4075**
1	Groundnut	18228	26473	1452
2	Sesamum	136	203	1489
3	Sunflower	4586	5364	1170
4	Castor	350	385	1100
5	Niger	191	76	398
6	Mustard	61	24	400
7	Soyabean	6	6	1067
8	Safflower	0	0	
9	Linseed	0	0	
III	**Total Oilseeds:**	**23558**	**32531**	
IV	**Commercial Crops:**			
1	Cotton	29267	65723	382
2	Sugarcane Planted	5910	719040	122
2a	Sugarcane Ratoon	6345	674410	106
3	Tobacco (VFC)	16	71	0
3a	Tobacco (Beedi)	5822	0	0
	Total Commercial Crops:	**47360**	**1459244**	
	GRAND TOTAL	**430404**	**2956601**	

(**Source:** Department of Agriculture, Davanagere. 2014-15)

2.4. (b) Area, Production and Productivity of Horticulture crops in the district

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (t /ha)
1	Mango	4047.3	34254.23	8.46
2	Banana	4598.31	76445.40	16.62
3	Lemon	141.95	1369.42	9.65
4	Sapota	981.31	8772.14	8.94
5	Pomegranate	330.27	1155.52	44.65
6	Papaya	290.12	7951.70	27.41
7	Tomato	5352.6	95943.40	17.92
8	Brinjal	337	4665	13.84
9	Beans	453.71	2317.9	5.11
10	Onion	5256.5	91890.1	17.48
11	Green Chilli	1181	16978.25	14.38
12	Bhendi	425.44	2043.50	4.8
13	Radish	196.12	1728	8.81
14	Capsicum	135.5	1634	12.06
15	Drumstick	144	413.55 Lakhs pod	2.87 Lakhs pod
16	Watermelon	320.45	5278	16.47
17	Bitterguard	119	749	6.29
18	Ridge gourd	152.50	1155.3	7.58
19	Cucumber	189.78	2955.49	15.57
20	Coconut	13814.10	1752.77 Lakh Nuts	0.1269 Lakh Nuts
21	Arecanut	35748.24	66712.8	1.87
22	Betelvine	1107.69	4459.4 Lakh leaves	4.03 Lakh leaves
23	Oil palm	1739.79	5220.81	4.71
24	Cocoa	756.21	190.70	0.25
26	Marigold	843	2857	3.39

(**Source:** Department of Horticulture, Davanagere. 2013-14)

2.5. Weather data

Month	Rainfall (mm) (2014)	
	Actual *	Normal
April -2014	38.8	40.2
May-2014	84.2	88.8
June-2014	68.0	60.7
July-2014	98.1	136.0
August-2014	79.5	185.8
September-2014	114.5	105.0
October-2014	119.3	145.8
November-2014	40.4	35.5
December-2014	7.0	32.0
January-2015	1.9	0.2
February-2015	1.3	0
March-2015	3.3	13.5
	656.10	**843.5**

* Dept. of Agriculture, Davanagere

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district (2007)

Category	Population	Production	Productivity
Cattle			
Crossbred	111371	--	5-6 liter/day
Indigenous	283752	--	
Buffalo	223601	--	
Sheep			
Crossbred	22	--	--
Indigenous	333435	--	--
Goats	153940	--	--
Pigs			
Crossbred	01	--	--
Indigenous	6492	--	--
Rabbits	170	--	
Poultry			
Hens	2054012	--	--
Desi	--	--	--
Improved	--	--	--
Ducks	--	--	--
Turkey and others	--	--	--

Category	Area	Production (tons)	Productivity
Fish	--	--	--
Marine	--	--	--
Inland	--	16052.53	--
Prawn	--	--	--
Scampi	--	--	--
Shrimp	--	--	--

(**Source:** Department of statistics, Davanagere : 2013-14)

2.7 **District profile has been Updated for 2014-15:** Yes

2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	2	3	4	5	6	7	8
1	Davanagere	Davanagere	Kadlebalu	2 Years	Paddy	• Low yield. • Seed bed preparation (seedling raising) • Non availability of skilled labourers. • Poor soil fertility. Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. Labour shortage for timely transplanting / weeding • Higher incidence of BPH and blast; Indiscriminate use of pesticides • Excess use of fertilizers Chaffy grains • Lower productivity.	Integrated Crop Management
2	Davanagere	Davanagere	Hosabelavanuru	3 Years			
3	Davanagere	Davanagere	Halebathi	2 Years			
4	Honnali	Honnali	Balmuri	1 Year	Maize	• Quality hybrid seed non availability (loose seeds); No intercrops with pulses; Higher fertilizer dose application; Improper nutrient management; Incidence of turcicum leaf blight; Low yield	Integrated Crop Management
5	Davanagere	Anagodu	Neerthadi	1 Year	Maize	• Quality hybrid seed non availability (loose seeds); No intercrops with pulses; Higher fertilizer dose application; Improper nutrient management; Incidence of turcicum leaf blight; Low yield	Integrated Crop Management

1	2	3	4	5	6	7	8
6	Channagiri	Channagiri	Garaga	5 Years	Ragi	• Low yield. • Use of local varieties (old seeds). • Higher seed rate (25 kg/acre). • Harvesting (No mechanization). • No seed treatment with biofertilizers. • Fodder • Long duration varieties.	Integrated Crop Management
7	Channagiri	Channagiri	Billahalli	3 Years	Ragi		
8	Channagiri	Channagiri	Pandomatti	1 Year	Ragi		
9	Honnali	Honnali	Balmuri	1 Year	Cotton	• Improper nutrient management. • Square dropping and Leaf reddening. • Improper spacing and Sucking pest.	Integrated Crop Management
10	Davanagere	Anagodu	Neerthadi	1 Year	Cotton		
11	Davanagere	Davanagere	Alur	5 Years	Groundnut	• Low yield. • Non-availability of HY varieties. • Poor / Non availability of green fodder. • Improper nutrient management.	Varietal Evaluation
12	Channagiri	Channagiri	Billahalli	3 Years	Arecanut	• Hidimundige syndrome. • Improper nutrient management Button shedding and nut drop. • No proper drainage, No intercrop and Excess application of tank silt. • Higher incidence of bacterial leaf stripe.	Integrated Disease Management
13	Davanagere	Davanagere	Davanagere (Oncampus)	1 Year	Banana	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	Integrated Crop Management

1	2	3	4	5	6	7	8
14	Harapanahalli	Arasikere	Kuremaganahalli	3 Years	Banana	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	Integrated Crop Management
15	Honnali	Honnali	S.Mallapura	2 Years	Banana	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	Integrated Crop Management
16	Davanagere	Anagodu	Boragondanahalli	1 Year			
17	Davanagere	Anagodu	Kurudi	1 Year	Tomato	• Incidence of TLCV, late blight and bacterial wilt. • Fruit cracking, Grading and post harvest handling.	Integrated Crop Management
18	Davanagere	Anagodu	Siddanuru	5 Years	Chilli	• Incidence of leaf curl. • Micronutrient deficiency. • Improper nutrient management. • Low yield.	Integrated Nutrient Management
19	Davanagere	Anagodu	Boragondanahalli	1 Year	Frenchbean	• Low productivity of existing varieties. • Leaf rust incidence.	Integrated Crop Management
20	Davanagere	Anagodu	Boragondanahalli	1 Year	Green Leafy Vegetables	• Low yield. • Use of local varieties. • Improper nutrient management	Integrated Crop Management
21	Davanagere	Anagodu	Boragondanahalli	1 Year	Rearing of cross bred cattle and buffaloes	• Lower milk production. • Fertility problems in Dairy animals. • Clean and quality milk production. • Uterine / vaginal prolapse in pregnant animals. • Mastitis and infectious discuss.	Integrated Nutrient Management
22	Harapanahalli	Arasikere	Kuremaganahalli	3 Years			

1	2	3	4	5	6	7	8
23	Harapanahalli	Arasikere	Kuremaganahalli	3 Years	Rearing of sheep and goat	• Lower body weight gain due to under nutrition and worm load. • Infectious / contagious diseases.	Integrated Nutrient Management
24	Davanagere	Anagodu	Boragondanahalli	1 Year	Cultivation of fodder crops	• Lower nutrients yield. • Palatability is less when crop is at maturity. • Serration on the leaf blades.	Integrated Nutrient Management
25	Davanagere	Bada	Shyagale	3 Years	Fisheries	• No quality fish seeds in right time availability to small farmers.	Seed / Plant Production
26	Davanagere	Davanagere	Nagarakatte	3 Years	Fisheries	• No quality fish seeds in right time availability to small farmers.	Seed / Plant Production
27	Davanagere	Mayakonda	Mayakonda	1 Year	Fisheries	• No quality fish seeds in right time availability to small farmers.	Seed / Plant Production

2.9 Priority thrust areas

Sl. No.	Thrust area
1	Yield maximization in groundnut, banana, French bean and Amaranthus
2	ICM in Maize, Paddy, Ragi, Cotton and Chilli
3	ICM in Arecanut and Banana
4	IDM in Maize, Banana and Arecanut
5	Scarcity of labourers
6	INM in coconut
7	Clean milk production
8	Balanced nutrition in livestock

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
04 (2014-15)	02 (2 are in progress)	30	30	16 (2014-15)	13 (3 not implemented due to shortage of funds)	212 (2014-15)	190
04 (2013-14)	04	02	02	04 (2013-14)	04	19 (2013-14)	19

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
76	2180	49	1354	1862	17010	1856	15960

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
Sunhemp	200 kg	Azolla – 100 kg	40 kg
Velevet beans	33 kg	Horticulture seedlings – 13000	3347
Drumstick	3.3 kg	Fodder slips – 1Lakh	10500

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Ornamental fishes – 5000	461	*Trichoderma* – 500 kg	586 kg

3.B1. Abstract of interventions undertaken based on thrust areas identified for the district:

Sl. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions	
				Title of OFT if any	Title of FLD if any
1	2	3	4	5	6
1	Integrated Nutrient Management	Rice	• Low yield. • Seed bed preparation (seedling raising) • Non availability of skilled labourers. • Poor soil fertility. Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. Labour shortage for timely transplanting / weeding • Higher incidence of BPH and blast; Indiscriminate use of pesticides • Excess use of fertilizers Chaffy grains • Lower productivity.	Response of Paddy to Boron spray with respect to yield	--
2	Integrated Crop Management	Rice	• Low yield. • Seed bed preparation (seedling raising) • Non availability of skilled labourers. • Poor soil fertility. Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. Labour shortage for timely transplanting / weeding • Higher incidence of BPH and blast; Indiscriminate use of pesticides • Excess use of fertilizers Chaffy grains • Lower productivity.	--	Integrated crop management in rice to increase the yield through mechanization

1	2	3	4	5	6
3	Integrated Crop Management	Rice	• Low yield. • Seed bed preparation (seedling raising) • Non availability of skilled labourers. • Poor soil fertility. Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. Labour shortage for timely transplanting / weeding • Higher incidence of BPH and blast; Indiscriminate use of pesticides • Excess use of fertilizers Chaffy grains • Lower productivity.	--	Integrated management of Brown Plant Hopper in Paddy
4	Integrated Crop Management	Maize	• Quality hybrid seed non availability (loose seeds) • No intercrops with pulses • Higher fertilizer dose application • Improper nutrient management • Incidence of turcicum leaf blight • Low yield	--	Integrated Crop Management and Intercropping Redgram In Maize
5	Integrated Disease Management	Maize	• Quality hybrid seed non availability (loose seeds) • No intercrops with pulses • Higher fertilizer dose application • Improper nutrient management • Incidence of turcicum leaf blight • Low yield	--	Integrated management of turcicum leaf blight in maize.
6	Integrated Crop Management	Ragi - KMR-301	• Low yield. • Use of local varieties (old seeds). • Higher seed rate (25 kg/acre). • Harvesting (No mechanization). • No seed treatment with biofertilizers. • Fodder • Long duration varieties.	--	Integrated Crop Management in HYV of Ragi (KMR-301)

1	2	3	4	5	6
7	Varietal Evaluation	Groudnut	• Low yield. • Non-availability of HY varieties. • Poor / Non availability of green fodder. • Improper nutrient management.	Performance assessment of Groundnut varieties for high yield	--
8	Integrated Nutrient Management	Cotton	• Improper nutrient management. • Square dropping and Leaf reddening. • Improper spacing and Sucking pest.	--	Integrated Crop Management in Cotton
9	Integrated Disease Management	Arecanut	• Hidimundige syndrome. • Improper nutrient management Button shedding and nut drop. • No proper drainage, No intercrop and Excess application of tank silt. • Higher incidence of bacterial leaf stripe.	--	Integrated management of Hidimundige in Arecanut
10	Integrated Crop Management	Banana	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	--	Integrated management of sigatoka leaf spot in banana
11	Integrated Crop Management	Banana	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	Modified high density planting for improved productivity in Banana	--
12	Integrated Crop Management	Tomato	• Incidence of TLCV, late blight and bacterial wilt. • Fruit cracking, Grading and post harvest handling.	--	Demonstration of triple disease resistant hybrid Tomato Arka Rakshak
13	Integrated Nutrient Management	Chilli	• Incidence of leaf curl. • Micronutrient deficiency. • Improper nutrient management. • Low yield.	--	Integrated Crop Management in Chilli
14	Integrated Crop Management	Frenchbean	• Low productivity of existing varieties. • Leaf rust incidence.	--	Demonstration of HYV Arka Anoop the Frenchbean

1	2	3	4	5	6
15	Integrated Crop Management	Green Leafy Vegetables	• Low yield. • Use of local varieties. • Improper nutrient management	--	Demonstration of HYV Amaranthus Arka Suguna
16	Nutrition Management	Rearing of cross bred cattle and buffaloes	• Lower milk production. • Fertility problems in Dairy animals. • Clean and quality milk production. • Uterine / vaginal prolapse in pregnant animals. • Mastitis and infectious discuss.	Alleviation of eversion of reproductive organs in dairy animals through balanced nutrition	--
17	Nutrition Management	Rearing of cross bred cattle and buffaloes	• Lower milk production. • Fertility problems in Dairy animals. • Clean and quality milk production. • Uterine / vaginal prolapse in pregnant animals. • Mastitis and infectious discuss.	--	Scientific management of dairy animals for better performance
18	Nutrition Management	Rearing of sheep and goat	• Lower body weight gain due to under nutrition and worm load. • Infectious / contagious diseases.	--	Balanced feeding and total deworming in small ruminants for better performance
19	Nutrition Management	Cultivation of fodder crops	• Lower nutrients yield. • Palatability is less when crop is at maturity. • Serration on the leaf blades.	--	Establishment of fodder cafeteria (DHN-6, Guinea, Lucerne and Sesbenia)
20	Production and Management	Fish	• No quality fish seeds in right time availability to small farmers.	--	Common carp seed production through hapa system in farm ponds
21	Integrated Crop Management	**Banana 2013-14**	• High incidence of sigatoka leaf spot. • Lower bunch weight. • Low productivity per unit area. • Micronutrient deficiency.	Modified high density planting for improved productivity in Banana	--
22	Integrated Crop Management	**Coconut 2013-14**	• Non utilization of interspaces available in Coconut garden	--	Popularization of KDM-1 Drumstick as intercrop in Coconut gardens

1	2	3	4	5	6
23	Integrated Nutrient Management	**Mango 2013-14**	• Higher flower drop • Poor fruit set • Micronutrient deficiency	--	Foliar application of 'Mango Special' in Mango for enhanced yield.
24	Polyculture of fishes	**Fish (2013-14)**	• Reduced farm income and monocropping	--	Polyculture of fishes in big earthen ponds.
25	Integrated Disease management	Arecanut (2013-14)	• Higher incidence of bacterial leaf stripe • No proper drainage	--	Integrated management of bacterial leaf stripe in young Arecanut plantations

3.B1. Contd…

Sl. No	Crop/ Enterprise	Interventions								
		Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
									No.	Kg
1	**2**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
1	Rice **(OFT)**	01	--	--	08	--	--	--	--	--
2	Rice	02	--	--	12	--	--	--	--	--
3	Rice	01	--	--	11	--	--	--	--	--
4	Maize	03	--	01	08	NAH-1137 – 0.78 BRG-2 – 0.30	--	--	--	--
5	Maize	01	--	01	09	--	--	--	--	Trichoderma – 80
6	Ragi - KMR-301	02	--	--	13	KMR-101 - 1.25 q	--	--	--	Azospirillum 1.25
7	Groudnut **(OFT)**	--	--	--	10	ICGV-91114 – 0.9 GPBD-4 – 0.9 KCG-6 - 1	--	--	--	Tichoderma - 18
8	Cotton	03	--	02	13	--	--	--	--	--
9	Arecanut	01	--	--	--	--	--	--	--	--
10	Banana	01	--	--	12	--	--	--	--	Trichoderma – 90
11	Banana **(OFT)**	01	--	--	06		Banana plants 3500	--	--	--
12	Tomato	--	--	--	--	Arka Rakshak – 0.03	--	--	--	--

1	2	7	8	9	10	11	12	13	14	15
13	Chilli	--	--	--	--		--	--	--	--
14	Frenchbean	01	--	--	10	Arka Anoop – 0.60	--	--	--	--
15	Green Leafy Vegetables	01	--	--	09	Arka Suman – 0.1	--	--	--	--
16	Rearing of cross bred cattle and buffaloes **(OFT)**	02	--	--	09	--	--	--	--	--
17	Rearing of cross bred cattle and buffaloes	01	--	01	06	--	--	--	--	--
18	Rearing of sheep and goat	01	--	--	05	--	--	--	--	--
19	Cultivation of fodder crops	03	--	01	06	Lucerne - 0.25 Susbenia – 0.125	Napier X – 5000 Guinea rs - 3000	--	--	--
20	Fish	--	--	--	--	--	--	--	--	--
21	**Banana 2013-14 (OFT)**	01	--	--	11		Banana plants 2666	--	--	--
22	**Coconut 2013-14**	03	07	--	11	--	Drumstick - 1666	--	--	--
23	**Mango 2013-14**	01	--	--	06	--		--	--	--
24	**Fish (2013-14)**	02	01	--	12	--	100000 fish fingerlings	--	--	--
25	**Arecanut (2013-14)**	01	--	--	11	--		--	--	--

3.B2. Details of technology used during reporting period

1. Rice (OFT)

Sl. 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	Response of Paddy to Boron spray with respect to yield	UAS (B) DRR, Hyderabad	Rice	√	--	01	--

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
02	--	02	--	--	--	--	--	10	4	--	--	--	--	--	--

2. Rice

Sl. 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
2	Integrated crop management in rice to increase the yield through mechanization	CIAE, Bhoopal	Rice	--	√	02	--

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
--	--	--	--	16	06	--	--	29	02	--	--	--	--	--	--

3. Rice

Sl. 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
3	Integrated management of Brown Plant Hopper in Paddy	UAB (B)	Rice	--	√	01	--

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
--	--	--	--	10	--	05	--	10	--	05	--	--	--	--	--

4. Maize

Sl. 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
4	Integrated Crop Management and Intercropping Redgram In Maize	UAB (B)	Maize	--	√	03	--

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
--	--	--	--	10	01	02	--	55	05	08	--	--	--	--	--

5. Maize

Sl. 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
5	Integrated management of turcicum leaf blight in maize.	UAB (D)	Maize	--	√	01	--

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
--	--	--	--	15	--	05	--	21	--	04	--	--	--	--	--

6. Ragi

Sl. 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
6	Integrated Crop Management in HYV of Ragi (KMR-301)	UAB (B)	Ragi	--	√	02	--

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
--	--	--	--	21	02	02	--	26	--	06	--	--	--	--	--

7. Groundnut

Sl. 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
7	Performance assessment of Groundnut varieties for high yield	UAB (B) UAS (D) ICRISAT	Groundnut	√	--	--	--

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
02	01	--	--	--	--	--	--	--	--	--	--	--	--	--	--

8. Cotton

Sl. 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
8	Integrated Crop Management in Cotton	UAB (B)	Cotton	--	√	03	--

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	--	05	01	36	05	02	01	--	--	--	--

9. Banana

Sl. 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
9	Integrated management of sigatoka leaf spot in banana	UAB (B) IIHR (B)	Banana	--	√	01	--

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
--	--	--	--	09	--	05	01	11	01	08	--	--	--	--	--

10. Banana

Sl. 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
10	Modified high density planting for improved productivity in Banana	UAB (B) NRCB, Trichi	Banana	√	--	01	--

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
03	--	--	--	--	--	--	--	07	02	--	--	--	--	--	--

11. Frenchbean

Sl. 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
11	Demonstration of HYV Arka Anoop the Frenchbean	IIHR (B)	Frenchbean	--	√	01	--

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
--	--	--	--	04	--	01	--	15	01	--	--	--	--	--	--

12. Amaranthus

Sl. 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
12	Demonstration of HYV Amaranthus Arka Suguna	IIHR (B)	Amaranthus	--	√	01	--

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
--	--	--	--	07	01	01	--	15	01	--	--	--	--	--	--

13. Rearing of cross bred cattle and buffaloes

Sl. 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
13	Alleviation of eversion of reproductive organs in dairy animals through balanced nutrition	KVAFSU, Bidar NIANP (B)	Rearing of cross bred cattle and buffaloes	√	--	02	--

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
16	--	04	--	--	--	--	--	58	--	--	--	--	--	--	--

14. Rearing of cross bred cattle and buffaloes

Sl. 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
14	Scientific management of dairy animals for better performance	KVAFSU, Bidar	Rearing of cross bred cattle and buffaloes	--	√	01	--

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
--	--	--	--	10	--	--	--	46	--	--	--	--	--	--	--

15. Rearing of sheep and goat

Sl. 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
14	Balanced feeding and total deworming in small ruminants for better performance	KVAFSU, Bidar	Rearing of sheep and goat	--	√	01	--

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
--	--	--	--	--	--	04	01	12	--	--	--	--	--	--	--

16. Cultivation of fodder crops

Sl. 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
16	Establishment of fodder cafeteria (DHN-6, Guinea, Lucerne and Sesbenia)	KVAFSU, Bidar	Cultivation of fodder crops	--	√	03	--

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
--	--	--	--	05	--	--	--	67	06	12	04	--	--	--	--

17. Banana (2013-14)

Sl. 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
17	Modified high density planting for increased productivity in Banana	UAS (B) NRC on Banana (Thirchi)	Banana	√	--	01	--

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
02	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--

18. Coconut (2013-14)

Sl. 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
18	Popularization of KDM-1 Drumstick as intercrop in Coconut gardens	UHS (B)	Coconut	--	√	03	Conducted 7 FOCT training for Rural Youths

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
--	--	--	--	04	01	01	--	29	--	08	--	135	01	64	--

19. Mango (2013-14)

Sl. 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
19	Foliar application of 'Mango Special' in Mango for enhanced yield	IIHR (B)	Mango	--	√	01	--

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
--	--	--	--	02	--	--	--	02	01	02	--	--	--	--	--

20. Fisheries (2013-14)

Sl. 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
20	Polyculture of fishes in big earthen ponds	KVAFSU, Bidar	Fisheries	--	√	02	Symposium-1 National Fish Farmers Day - 1

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
--	--	--	--	05	--	01	--	37	15	06	01	82	07	41	05

21. Arecanut (2013-14)

Sl. 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
21	Integrated management of bacterial leaf stripe in young Arecanut plantation	UAS (B)	Arecanut	--	√	01	--

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
--	--	--	--	03	--	02	--	03	--	02	--	--	--	--	--

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	01									01
Varietal Evaluation		01								01
Integrated Pest Management										
Integrated Crop Management						01				01
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	**01**	**01**				**01**				**03**

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

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds						
Nutrition Management	01					01
Disease of Management						
Value Addition						
Production and Management						
Feed and Fodder						
Small Scale income generating enterprises						
TOTAL	**01**					**01**

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

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

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha
Integrated Nutrient Management	Rice	Response of Paddy to Boron spray with respect to yield	04	04	2.4
Varietal Evaluation	Groudnut	Performance assessment of Groundnut varieties for high yield	03	03	2.4
Integrated Pest Management					
Integrated Crop Management	Banana	Modified high density planting for improved productivity in Banana	02	02	0.8
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			**09**	**09**	**5.6**

4.B.2. Technologies Refined 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					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management	Cattle	Alleviation of eversion of reproductive organs in dairy animals through balanced nutrition	20	20
Disease management				
Value addition				
Production and management				
Feed and fodder				
Small scale income generating enterprises				
		Total	**20**	**20**

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
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. Rice

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
Rice	Irrigated	Chaffy grains due to low boron content in soils of Davanagere district	Response of Paddy to Boron spray with respect to yield	04	**Technology option 1 (Farmer's practice) :** No soil test based fertilizer application. No use of boron	**1.** Number of tillers/hill (No.) **2.** Percent chaffy grains (%)	**1.** 25.41 **2.** 16.17	Technology is very good		--	--
					Technology option 2: Recommended package of practice + with soil test based fertilizer application		**1.** 30.56 **2.** 12.95			--	--
					Technology option 3: Recommended package of practice + Foliar application of boron (0.1%) before flowering and after 15 days of first spray.		**1.** 29.53 **2.** 9.36			--	--

Contd..

Technology Assessed	Source of Technology	Production	Unit	Net Return (Rs. / unit)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) :	--	62.33	q/ha	43521/-	1.95
Technology option 2	UAS (B)	66.67		55342/-	2.34
Technology option 3	Directorate of Rice research, Hyderabad	68.53		57779/-	2.39

2. 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	Rainfed	**1.** Use of local variety TMV-2 **2.** Low yield **3.** Low fodder quality	Performance assessment of groundnut varieties for better yield	03	**Technology option 1 (Farmer's practice) :** TMV-2	1. Plant height (cm) 2. No. of nodules/ plant 3. Test weight (g) 4. Haulm yield (q/ha)	1. 38.3 2. 70 3. 9.1 4. 2.5	• GPBD-4 is better to compared to all other varieties. Fodder yield is good and remains green even after harvest • ICGV-91114 is drought tolerant but pods are un even in size • KCG-2 seeds are bold	GPBD-4 pod yield and haulm yield is better compare to all varieties. Fetched good market price	--	--
					Technology option 2: GPBD-4		1. 45.9 2. 77 3. 13.8 4. 4.8				
					Technology option 3: KCG-6		1. 41.1 2. 76 3. 12.8 4. 3.0				
					Technology option 4: ICGV-91114		1. 45.8 2. 76 3. 13.9 4. 3.1				

Contd..

Technology Assessed	Source of Technology	Production	Unit	Net Return (Rs. / unit)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) : TMV-2	--	12.2	q/ha	14941/-	1.61
Technology option 2 : GPBD-4	UAS (D)	14.3		19907/-	1.77
Technology option 3 : KCG-6	UAS (B)	13.8		18184/-	1.70
Technology option 4 : ICGV91114	ICRISAT	13.9		18780/-	1.73

3. Banana

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Banana	Irrigated	Lower plant density	Modified high density planting in Banana	02	**Technology option 1 (Farmer's practice) :** Square method 2.7 x 2.7 m spacing **Technology option :** Square method 1.8 x 1.8 m spacing **Technology option 3:** Paired row with zig zag method 1.2 x 1.2 x 2 m spacing	**1.** Bunch weight (kg) **2.** No. of Hands in the bunch **3.** No. of fingers in the hand	--	--	--	--	--

Contd..

Technology Assessed	Source of Technology	Production	Unit	Net Return (Rs. / unit)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) :	--	Crop is 5 months old	--	--	--
Technology option 2	UAS (B)				
Technology option 3	NRC on Banana (Trichi)				

4. Dairy Animals

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
Dairying	Semi intensive	Pre and post partum uterine prolapse in pregnant dairy animals	Alleviation of reproductive problem (uterine prolapse) in dairy animals through balanced nutrition	12	**Technology option 1 (Farmer's practice) :** Feeding cakes/brans along with dry roughages **Technology option 2:** Compounded cattle feed with roughages **Technology option 3:** Compounded cattle feed + ASMM + Dewormer + Calcium tonic	**1.** Pre & post partum uterine prolapse **2.** Parturition **3.** ROP	**Trail is going on**				

Contd..

Technology Assessed	Source of Technology	Production	Unit	Net Return (Rs. / unit)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) :	--	--	**Trail is going on**	--	--
Technology option 2	KVAFSU, Bidar	--		--	--
Technology option 3	NIANP (B)	--		--	--

5. Banana (2013-14)

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Banana	Irrigated	Lower planting density and low productivity per unit area	Modified high density planting in Banana	02	**Technology option 1 (Farmer's practice) :** Square method 2.7 x 2.7 m spacing	**1.** Bunch weight (kg) **2.** No. of Hands in the bunch **3.** No. of fingers in the hand	**1.** 35 **2.** 14 **3.** 31	Yield per unit area is high compare to other treatments, Delay in maturity is observed in closer spacing		--	--
					Technology option : Square method 1.8 x 1.8 m spacing		**1.** 35 **2.** 14 **3.** 35				
					Technology option 3: Paired row with zig zag method 1.2 x 1.2 x 2 m spacing		**1.** 32 **2.** 13 **3.** 29				

Contd..

Technology Assessed	Source of Technology	Production	Unit	Net Return (Rs. / unit)	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) :	--	470	q/ha	216000/-	2.35
Technology option 2	UAS (B)	1058		474000/-	2.27
Technology option 3	NRC on Banana (Trichi)	1664		1091200/-	3.91

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

1. Rice

1 **Title of Technology Assessed:** Response of Paddy to Boron spray with respect to yield

2 **Problem Definition:** Chaffy grains due to low boron content in soils of Davanagere district

3 **Details of technologies selected for assessment:**

Technology Option – 1	Technology Option – 2	Technology Option – 3
No soil test based fertilizer application. No use of boron	Recommended package of practice + with soil test based fertilizer application	Recommended package of practice + Foliar application of boron (0.1%) before flowering and after 15 days of first spray.

4 **Source of technology:**

Technology Option – 1	Technology Option – 2	Technology Option – 3
--	UAS (B)	Directorate of Rice research, Hyderabad

5 **Production system and thematic area:** Integrated Nutrient Management

6 **Performance of the Technology with performance indicators:**

Technology options	Parameter		
	Number of tillers (No.)	Percent chaffy grains (%)	Yield (q/ha)
Technology Option – 1	25.41	16.17	62.33
Technology Option – 2	30.56	12.95	66.67
Technology Option – 3	29.53	9.36	68.53

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

Technology is very good

8. **Final recommendation for micro level situation:** --

9. **Constraints identified and feedback for research:** Find response of paddy to different rates of boron

10. **Process of farmers participation and their reaction:** Technology is very good

2. Groundnut

1 **Title of Technology Assessed:** Performance assessment of groundnut varieties for better yield

2 **Problem Definition:** Low pod and fodder yield, Incidence of tikka leaf spot, root rot

3 **Details of technologies selected for assessment:**

Technology options	Details of technology
Technology Option – 1	TMV-2
Technology Option – 2	GPBD-4
Technology Option – 3	KCG-2
Technology Option – 4	ICGV-91114

4 **Source of technology:**

Technology options	Source of technology
Technology Option – 1	--
Technology Option – 2	UAS (D)
Technology Option – 3	UAS (B)
Technology Option – 4	ICRISAT

5 **Production system and thematic area:** Varietal evaluation for better yield to zone IV

6 **Performance of the Technology with performance indicators:**

Technology options	Parameter				
	Plant height (cm)	No. of nodules/ plant	Test weight (g)	Yield (q/ha)	Haulm yield (t/ha)
Technology Option – 1	38.3	70	9.1	12.2	2.5
Technology Option – 2	45.9	77	13.8	14.3	4.8
Technology Option – 3	41.1	76	12.8	13.8	3.0
Technology Option – 4	45.8	76	13.9	13.9	3.1

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

Due to rainfall (excess moisture during the pegging period had reduce the yield). Even under such condition GPBD-4 performed better compared to all varieties.

8. **Final recommendation for micro level situation:** --

9. **Constraints identified and feedback for research:** --

10. **Process of farmers participation and their reaction:** Farmer expressed that even under excessive moisture GPBD-4 performed well. Haulm yield is also better compared to TMV-2.

3. Banana

1 **Title of Technology Assessed:** Modified high density planting in Banana.

2 **Problem Definition:** Lower plant density resulting in lower productivity of the crop.

3 **Details of technologies selected for assessment:**

Technology options	Details of technology
Technology Option – 1	Square method 2.7 x 2.7 m spacing
Technology Option – 2	Square method 1.8 x 1.8 m spacing
Technology Option – 3	Paired row with zig zag method 1.2 x 1.2 x 2 m spacing

4 **Source of technology:**

Technology options	Source of technology
Technology Option – 1	--
Technology Option – 2	UAS (B)
Technology Option – 3	NRC on Banana (Trichi)

5 **Production system and thematic area:** Irrigated and Integrated Crop management

6 **Performance of the Technology with performance indicators:** Crop is 6 months old

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. Dairying

1 **Title of Technology Assessed:** Alleviation of reproductive problems (uterine prolapse) in dairy animals through balanced nutrition.

2 **Problem Definition:** Farmers are not feeding their dairy animals based on the nutrients requirement. They are feeding their animal with the available feeding stuffs during lactation period only. During dry period they are not feeding compounded feeds. This is resulting in the deficiencies of both major and micro nutrients leading to reproductive problems especially uterine prolapse, uterine infections in pregnant animals.

3 **Details of technologies selected for assessment:**

Technology options	Details of technology
Technology Option – 1	Feeding cakes/brans along with dry roughages
Technology Option – 2	Compounded cattle feed with roughages
Technology Option – 3	Compounded cattle feed + ASMM + Dewormer + Calcium tonic

4 **Source of technology:**

Technology options	Source of technology
Technology Option – 1	--
Technology Option – 2	KVAFSU, Bidar
Technology Option – 3	NIANP, Bangalore

5 **Production system and thematic area:** Semi intensive, mixed dairy farming. Nutrition management

6 **Performance of the Technology with performance indicators:**

Technology options	Parameter
Technology Option – 1	Trial is going on
Technology Option – 2	
Technology Option – 3	

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:** --

5. Banana (2013-14)

1 **Title of Technology Assessed:** Modified high density planting in Banana.

2 **Problem Definition:** Lower plant density resulting in lower productivity of the crop.

3 **Details of technologies selected for assessment:**

Technology options	Details of technology
Technology Option – 1	Square method 2.7 x 2.7 m spacing
Technology Option – 2	Square method 1.8 x 1.8 m spacing
Technology Option – 3	Paired row with zig zag method 1.2 x 1.2 x 2 m spacing

4 **Source of technology:**

Technology options	Source of technology
Technology Option – 1	--
Technology Option – 2	UAS (B)
Technology Option – 3	NRC on Banana (Trichi)

5 **Production system and thematic area:** Irrigated and Integrated Crop management

6 **Performance of the Technology with performance indicators:**

Technology options	Parameter				
	Avg. Bunch weight (kg)	No. of hands/Bunch	No. of fingers/hand	Months to maturity	Yield (q/ha
Technology Option – 1	35	14	31	11	470
Technology Option – 2	35	14	35	12	1058
Technology Option – 3	32	13	29	15	1664

7. **Feedback, matrix scoring of various technology parameters done through farmer's participation/other scoring techniques:** Yield per unit area is high compare to other treatments, Delay in maturity is observed in closer spacing
8 **Final recommendation for micro level situation:** --
9 **Constraints identified and feedback for research:** Need to develop techniques for early maturity and uniform ripening of bunches
10 **Process of farmers participation and their reaction:** Yield per unit area is high compare to other treatments, Delay in maturity is observed in closer spacing

4.D1. Results of Technologies Refined

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

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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 refined
2 Problem Definition
3 Details of technologies selected for refinement
4 Source of technology
5 Production system and thematic area
6 Performance of the Technology with performance 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 2014-15

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	**Oilseeds**	--	--	--	--	--	--	--	--	--	--	--	--	--
2	**Pulses**	--	--	--	--	--	--	--	--	--	--	--	--	--
3	**Cereals**	Irrigated	2014-15	Rice	Bpt Sona	--	ICM	• Seed rate 10 kg/acre (Vs 25 -30 kg) • Raising of the nursery in trays (60-70) • Seed treatment with *Azospirillum* (1kg/acre) • Use of transplanting machine • Use of Conoweeder • Application of $ZnSO_4$ (8 kg/acre)	08	08	10	10	20	--
		Irrigated	2014-15	Rice	JGL	--	ICM	• Leaving one row of gap for every 3-4 m of transplanting. • Removal of weeds around bunds. • Use of recommended dose of fertilizers. • Conservation of natural enemies like lady bird beetle, dragonfly, spider and green bug. • Drain out excess water immediately after notice of pests. • Mix 500 ml of DDVP with 5 kg sand and apply • Next day spray with Acephate 1g and Chlorpyrifos 2.5 ml /L of water. • Spray with Buprofezin 1.5 ml /l depending upon severity.	06	06	06	09	15	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	**Cereals**	Rainfed	2014-15	Maize + Redgram	--	NAH-1137 BRG-2	ICM	• Popularising the Maize (resistant to stem borer) and Redgram (Dual purpose) intercropping (6:1). • Recommended seed rate 6 kg maize per acre and 3 kg Redgram and seed treatment with biofertilizers • Application of $ZnSO_4$ @ 5 kg/acre	5.2	5.2	02	11	13	--
		Rainfed	2014-15	Maize	--	Private	IDM	• Selection of seed from disease free area. • Crop rotation. • Removal of affected plants. • Removal of excess water from field by drainage system. • Seed treatment with *Trichoderma* @ 6gm/ kg of seed and soil application of *Trichoderma.* • Spray with Hexaconazole 1ml/l at 35 and 50 days after sowing.	08	08	05	15	20	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	**Millets**	Rainfed	2014-15	Ragi	KMR-301	--	ICM	• Seed- KMR-301 Medium duration variety • Seed treatment with bio fertilizers • Application of $ZnSO_4$ @ 5 kg/acre	10	10	02	23	25	--
5	**Vegetables**	Irrigated	2014-15	French bean	Arka Anoop	--	ICM	• Popularization of HYV Arka Anoop. • Seed treatment with Bio fertilizer • IPDM in French bean	01	01	01	04	05	--
		Irrigated	2014-15	Amaranthus	Arka Suguna	--	ICM	• Popularization of HYV Arka Suguna. • Seed treatment with Bio fertilizer	02	02	01	09	10	--
		Irrigated	2014-15	Chilli	Private	--	INM	• Soil test based fertilizer application • Application of bio fertilizers • Spraying of imidachloprid 0.5 ml / l and acetamaprid 20 SP @ 0.5 g/l against sucking pests • Spraying of vegetable special.	04	--	--	--	--	Not implemented due to shortage of funds
		Irrigated	2014-15	Tomato	Arka Rakshak	--	ICM	• New hybrid with triple disease resistance • Vegetable Special spray @ 5 g/l • IPDM • Soil test based fertilizer recommendations	06	06	02	13	15	--
6	**Flowers**	--	--	--	--	--	--	--	--	--	--	--	--	--
7	**Ornamental**	--	--	--	--	--	--	--	--	--	--	--	--	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	**Fruit**	Irrigated	2014-15	Banana	G-9	--	IDM	• Removal of affected leaves and burning. • Planting of seedlings in recommended spacing (6x6). • Adaptation of drainage system. • Spray with Propiconazole (1ml/L) and Carbendazim + Mancozeb (2g/L). • Repeat the spray depending upon incidence . • Soil application of *Trichoderma* (12.5 kg/ha)	06	06	06	09	15	--
		Irrigated	2013-14	Mango	Alphanso	--	INM	• Foliar Spray of Mango Special spray @ 5 g/l	01	01	--	02	02	--
9	**Spices and condiments**	--	--	--	--	--	--	--	--	--	--	--	--	--
10	**Commercial**	Rainfed	2014-15	Cotton	MR-375	--	ICM	• Soil test based fertilizer application • Maintaining proper spacing • Spraying acetamaprid 20 SP @ 0.2 g/l against sucking pests • Spraying of 1% $MgSO_4$ + 1% KNO_3 at 90 and 110 DAS • Spraying of planofix (1ml/4.5 l of water) at flowering stage • Bhendi as trap crop (6:1) • Weed management	08	08	05	15	20	--
11	**Medicinal and aromatic**													
12	**Fodder**	Irrigated	2014-15	Fodder cafeteria	DHN-6, Guinea-BG-9, Lucerne-T9, Sesbenia	--	ICM	• Production of HYV of leguminous and non leguminous fodder crops	01	01	--	05	05	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13	**Plantation**	Irrigated	2014-15	Arecanut	Thirthahalli Local	--	IDM	• Integrated management of Hidimundige in arecanut	100 Plants	--	--	--	--	Not implemented due to shortage of funds
		Irrigated	2013-14	Arecanut	Thirthahalli Local			• Proper drainage. • Removal and burning of affected leaves. • Spray with Copper oxychloride 3g and Streptocycline 0.5g /l of water.	02	02	02	03	05	--
		Irrigated	2013-14	Coconut	KDM-1	--	ICM	• Popularization of KDM-1 as intercrop in coconut. • Pinching in coconut • ICM in coconut and Drumstick	02	02	01	05	06	--
14	**Fibre**	--	--	--	--	--	--	--	--	--	--	--	--	--
15	**Dairy**	--	2014-15	Cows	HFx	--	INM	• Feeding of concentrate balanced cattle feed and clean and quality milk production.	10	10	--	10	10	--
16	**Poultry**	--	--	--	--	--	--	--	--	--	--	--	--	--
17	**Rabbitry**	--	--	--	--	--	--	--	--	--	--	--	--	--
18	**Pigerry**	--	--	--	--	--	--	--	--	--	--	--	--	--
19	**Sheep and goat**	--	2014-15	Sheep & Goat	Local	--	INM	• Complete deworming of small ruminants and blanaced feeding.	50 (10 Sheep/ demo)	50 (10 Sheep/ demo)	05	--	05	--
20	**Duckery**	--	--	--	--	--	--	--	--	--	--	--	--	--
21	**Common carps**	Irrigated	2014-15	Fish	Common carp, Cyprinus carpio	--	Seed production	• Selection of broods • Nourishing the broods • Breeding in hapas • Rearing the spawn & fry	02	02	--	--	--	Not implemented due to shortage of funds

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Irrigated	2013-14	Fish	*Catla Catla, Labeo rohita, Cyprinus carpio, Pangassius*	--	Polucultu re	• Rearing of fingerlings to growout stage with scientific principles	6.10	6.10	01	05	06	--
22	**Mussels**	--	--	--	--	--	--	--	--	--	--	--	--	--
23	**Ornamental fishes**	--	--	--	--	--	--	--	--	--	--	--	--	--
24	**Oyster mushroom**	--	--	--	--	--	--	--	--	--	--	--	--	--
25	**Button mushroom**	--	--	--	--	--	--	--	--	--	--	--	--	--
26	**Vermicompost**	--	--	--	--	--	--	--	--	--	--	--	--	--
27	**Sericulture**	--	--	--	--	--	--	--	--	--	--	--	--	--
28	**Apiculture**	--	--	--	--	--	--	--	--	--	--	--	--	--
29	**Implements**	--	--	--	--	--	--	--	--	--	--	--	--	--

5. A. 1. Soil fertility status of FLDs plots during 2014-15

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season & Year	Status of soil			Previous Crop
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	**Oilseeds**	--	--	--	--	--	--	--		--	--		--
2	**Pulses**	--	--	--	--	--	--	--		--	--		--
3	**Cereals**	Irrigated	Kharif 2014-15	Rice	Bpt Sona	--	ICM	Integrated crop management in rice to increase the yield through mechanization	Kharif 2014-15	M	L	L	Rice
		Irrigated	Kharif 2014-15	Rice	JGL	--	ICM	Integrated management of Brown Plant Hopper in Paddy	Kharif 2014-15	L	M	H	Rice
		Rainfed	Kharif 2014-15	Maize + Redgram	--	NAH-1137 BRG-2	ICM	Integrated Crop Management and Intercropping Redgram In Maize	Kharif 2014-15	M	H	H	Cotton
		Rainfed	Kharif 2014-15	Maize	--	Private	IDM	Integrated management of turcicum leaf blight in maize.	Kharif 2014-15	L	M	M	Maize
4	**Millets**	Rainfed	Kharif 2014-15	Ragi	KMR-301	--	ICM	Integrated Crop Management in HYV of Ragi (KMR-301)	Kharif 2014-15	M	L	L	Maize
5	**Vegetables**	Irrigated	Kharif 2014-15	French bean	Arka Anoop	--	ICM	Demonstration of HYV Arka Anoop the Frenchbean	Kharif 2014-15	L	M	M	Maize
		Irrigated	Kharif 2014-15	Amaranthus	Arka Suguna	--	ICM	Demonstration of HYV Amaranthus Arka Suguna	Kharif 2014-15	L	M	H	Palak
		Irrigated	Rabi/ Summer 2014-15	Chilli	Private	--	INM	Integrated Crop Management in Chilli	Rabi/ Summer 2014-15	--	--	--	--
		Irrigated	Rabi/ Summer 2014-15	Tomato	Arka Rakshak	--	ICM	Demonstration of triple disease resistant hybrid Tomato Arka Rakshak	Rabi/ Summer 2014-15	L	M	M	Maize

1	2	3	4	5	6	7	8	9	10	11	12	13	14
6	**Flowers**	--	--	--	--	--	--	--	--	--	--		
7	**Ornamental**	--	--	--	--	--	--	--	--	--	--		
8	**Fruit**	Irrigated	Kharif 2014-15	Banana	G-9	--	IDM	Integrated management of sigatoka leaf spot in banana	Kharif 2014-15	L	M	M	Maize
		Irrigated	2013-14	Mango	Alphanso	--	INM	Foliar application of 'Mango Special' in Mango for enhanced yield.	Rabi/ Summer 2013-14	L	M	M	Mango
9	**Spices and condiments**	--	--	--	--	--	--	--	--	--	--		
10	**Commercial**	Rainfed	Kharif 2014-15	Cotton	MR-375	--	ICM	Integrated Crop Management in Cotton	Kharif 2014-15	L	M	H	Cotton
11	**Medicinal and aromatic**												
12	**Fodder**	Irrigated	Rabi 2014-15	Fodder cafeteria	DHN-6, Guinea-BG-9, Lucerne-T9, Sesbenia	--	ICM	Establishment of fodder cafeteria (DHN-6, Guinea, Lucerne and Sesbenia)	Rabi 2014-15	M	M	L	Maize
13	**Plantation**	Irrigated	Kharif 2014-15	Arecanut	Thirthahalli Local	--	IDM	Integrated management of Hidimundige in Arecanut	Kharif 2014-15	--	--	--	--
		Irrigated	2013-14	Arecanut	Thirthahalli Local			Integrated Management of Bacterial Leaf Stripe in Arecanut	Kharif 2013-14	L	M	M	Arecanut
		Irrigated	2013-14	Coconut	KDM-1	--	ICM	Popularization of KDM-1 Drumstick as intercrop in Coconut gardens	Kharif 2013-14	L	L	H	Coconut
14	**Fibre**	--	--	--	--	--	--	--	--	--	--		

5.B. Results of Frontline Demonstrations

5. B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Oilseeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pulses	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cereals																			
Rice	Integrated crop management in rice to increase the yield through mechanization	Bpt Sona	--	Irrigated	20	08	63.5	55.4	58.6	56.0	4.64	43335	87862.5	44527.5	2.04	47375	84022.5	36647.5	1.78
Rice	Integrated management of Brown Plant Hopper in Paddy	JGL	--	Irrigated	15	06	64.8	55.9	63.1	55.12	14.1	42350	100960	58610	2.38	44600	88480	43880	1.98
Maize	Integrated Crop Management and Intercropping Redgram In Maize	--	NAH-1137 BRG-2	Rainfed	13	5.2	60.7	53.9	57	50.1	13.77	31134	68270.7	37136.7	2.2	30880	57738.8	26858.8	1.87
Maize	Integrated management of turcicum leaf blight in maize.	--	Private	Rainfed	20	08	49.6	47.3	48.3	40.8	18.38	34750	50715	15965	1.45	36400	48840	6440	1.17
Millets																			
Ragi	Integrated Crop Management in HYV of Ragi (KMR-301)	KMR-301	--	Rainfed	25	10	28.9	22	25.7	15.3	67.9	24425.2	65144.2	40719	2.66	23790	38300	14509.6	1.61

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Vegetables																			
Frenchbean	Demonstration of HYV Arka Anoop the Frenchbean	Arka Anoop	--	Irrigated	05	01	218.3	186.8	205	167	22.99	153767	410800	257033	2.67	151247	334000	182753	2.2
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
Amaranthus	Demonstration of HYV Amaranthus Arka Suguna	Arka Suguna	--	Irrigated	10	02	102.6	80.8	91.95	73.37	25.32	81604.9	183900	102295	2.25	79391.5	146740	67348	1.84
Chilli	Integrated Crop Management in Chilli	Private	--	Irrigated	Not implemented														
Tomato	Demonstration of triple disease resistant hybrid Tomato Arka Rakshak	--	Arka Rakshak	Irrigated	15	06	Demonstration is on going												
Flowers	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ornamental	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit																			
Banana	Integrated management of sigatoka leaf spot in banana	G-9	--	Irrigated	15	06	569.1	541.7	551.8	438.4	25.86	85700	325247.33	239547	3.79	90300	254311.7	164011	2.81
Mango 2013-14	Foliar application of 'Mango Special' in Mango for enhanced yield.	Alphanso	--	Irrigated	02	01	177.3 t/ha	168.1 t/ha	172.7	148.5	16.3	62385	259050	196665	4.15	54370	222600	168230	4.09
Spices and condiments		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fibre crops like cotton																			
Cotton	Integrated Crop Management in Cotton	--	MR-375	Rainfed	20	08	24.2	12.56	18.6	16.2	14.8	34530	81840	47310	3.04	26500	71190	44690	2.69
Medicinal and aromatic		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Fodder																			
Fodder	Establishment of fodder cafeteria (DHN-6, Guinea, Lucerne and Sesbenia)	DHN-6, Guinea-BG-9, Lucerne-T9, Sesbenia	--	Irrigated	05	01	220	172.5	199.5	120	66.25	5000	20420	15420	4.04	4000	6000	2000	1.5
Plantation																			
Arecanut	Integrated management of Hidimundige in Arecanut	Thirthahalli Local	--	Irrigated	Not implemented														
Arecanut	Integrated Management of Bacterial Leaf Stripe in Arecanut	Thirthahalli Local		Irrigated	05	02			7% of incidence	35% incidence	--	--	--	--	--	--	--	--	--
Coconut	Popularization of KDM-1 Drumstick as intercrop in Coconut gardens	KDM-1	--	Irrigated	06	02	6900 Nuts/ ha	5100 Nuts/ ha	11733 Nuts/ha	6183 Nuts/ha	89.76	47605.6	140800	93194.3	2.95	38529.3	74200	35670	1.95
Fibre		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Others		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Crop	Data on other parameters in relation to technology demonstrated		
	Parameter with unit	**Demo**	**Check**
Rice (Mechanization)	Germination (%)	95.0	83.0
	Plant height (cm)	71.6	65.9
	No. of tillers/hill	41.9	29.0
	Pest incidence (%)	4.5	12.0
Maize	Plant height (cm)	180	174.6
	Stem borer incidence (%)	5.34	32.9
	No. of rows/cob	14.1	12.9
Ragi	Plant Height (cm)	74.2	69.66
	No. of fingers/head	6.5	4.2
Maize	% incidence of turcicum leaf blight	7.50	25.5
Cotton	% square dropping	5.7	14.3
	% leaf reddening	6.5	24.4
Banana	% incidence of sigatoka leaf spot	8.0	28.0
Arecanut 2013-14	% incidence of bacterial leaf stripe	7.0	35.0
Frenchbean	Plant Height (cm)	25.72	19.58
	Number of Branches/plant	16.97	12.45
	No.of pods/plant	15.82	11.37
	Pod length (cm)	15.57	11.62
Amaranthus	Germination (%)	85.4	77.2
	Plant Height (cm)	41.6	31.5
Dairy animals	pH of the milk	6.82	6.6
	Corrected lactometer reading	1.028	1.025
	Mastitis	Nil	Nil
	Reproductive parameters	Oestrus cycle normal Conception rate 45%	Repeat breeding occurred (90%)
Sheep and Goat	Reproductive parameters	Symptoms of heat - 90%	Symptoms of heat - 10%

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (Liters/90days)				% 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																	
	Balanced nutrition and improved management practices in dairy animals for better performance	HFx cow	10	10	930.5	641.8	836.85	405	8.88 5.0	14354	20022.3	5668.3	1.39	9189	10125	945	1.10
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat	Balanced feeding and total deworming in small ruminants for better performance	Local	05	50 (10 sheep/ demo)	82	62.7	70.64 kg * BWG/ 90days	40.05	74	6095	17660	1158	2.90	5100	10125	502	1.98
Duckery																	
Others																	

*** BWG = Body Weight Gain, average of 10 Sheep**

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		
Dairy Cow	**Parameter with unit**	**Demo**	**Check if any**
	pH of the milk	6.82	6.6
	Corrected lactometer reading	1.028	1.025
	Mastitis	Nil	Nil
	Reproductive parameters	Oestrus cycle conception rate 45%	Repeat breeding occurred 90%
Sheep and Goat	Reproductive parameters	Symptoms of heat - 90%	Symptoms of heat - 10%

5.B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2)	Yield (t/ha)				% Increase	*Economics of demonstration Rs./unit) or (Rs./ha)				*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										
Common carps	Common Carp seed production through hapa system in farm ponds (2014-15)		Not implemented														
	Polyculture of fishes in big earthern ponds (2013-14)	*Pangassius, Catla catla, Labeo rohita*	06	64000	--	--	13.125	--	--	303333.33	700000	396666.7	2.30	--	--	--	--
Mussels																	
Ornamental fishes																	
Others																	

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

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

5.B.4. Other enterprises

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																	

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

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

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

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

5.B.6. Extension and Training activities under FLD

Rice

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	03	49	Selection of the farmers for demonstration, Selection of the machine for transplanting (Walk Behind type).
2	Training	03	45	1. Seed treatment with bio-fertilisers in paddy 2. Different machines for transplanting in paddy 3. Weed management through conoweeder. 4. Integrated pest management in paddy
3	Field visit to FLD plots	04	65	FLD conducted in 3 villages and follow field visit were done
4	Method demonstration	03	43	1. Filling of the trays with sand and mud, Sowing of the seeds in trays 2. Mechanised Transplanting through walk behind type 3. Use of conoweeder for weeding
5.	Media Coverage – E-TV, Annadatha	01	-	16-09-2014: Etv- Water and fertiliser management
6.	Field day	01	45	21-10-2014: Conducted field day at Hosabelavnur . Farmers interaction with transplanter company officers and farmers who were used for transplanting..

Rice

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	15	Preliminary visit for farmers selection
2	Training	01	15	Integrated Management of Brown plant hopper in Rice
3	Field visit to FLD plots	06	58	Diagnostic visit
4	Method demonstration	02	22	Spraying solution preparation
5.	Media Coverage – E-TV, Annadatha	-	-	-
6.	Field day	01	16	Experience sharing

Maize

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	32	Selection of farmers for the FLD
2	Training	02	40	Management of Maize during the midseason drought Integrated Nutrient management in Maize and Redgram
3	Field visit to FLD plots	03	31	Attended the sowing. Field visit identified the stem borer in check plot compared to demo
4	Method demonstration	01	18	Seed treatment with bio-fertilisers and sowing in seed drill.
5.	Media Coverage – E-TV, Annadatha			21-05-2014: Land preparation and Improved agronomic practices in Maize. 07-08-2014: Fertilizer and weed management in Maize
6.	Field day	01	15	17-10-2014: Conducted

Maize

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	15	Preliminary visit for farmers selection
2	Training	01	22	Integrated Management of turcicum leaf blight in maize
3	Field visit to FLD plots	04	51	Diagnostic visit
4	Method demonstration	02	22	Seed treatment and spraying solution preparation
5.	Media Coverage – E-TV, Annadatha	--	--	--
6.	Field day	01	16	Experience sharing

Ragi - KMR-301

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	37	Selection of farmer
2	Training	03	49	1. Varietal characters and seed treatment with bio fertilisers 2. Method demonstration of spraying macronutrients in ragi 3. Importance of soil application of Zn and Fe .
3	Field visit to FLD plots	05	73	23-07-2014: visited the plots collected soil samples 29-07-2014 : attended the sowing and seed treatment with Azsosprillium 03-09-2014: Suggested for the spraying of the 19 all and crop stand was good
4	Method demonstration	02	33	1. Seed treatment with bio fertilisers 2. Preparation of spray solution for spraying of macronutrient.
5.	Media Coverage – E-TV, Annadatha			Selection of seeds and nutrient management in millets
6.	Field day	02	47	1. 29-10-2014: Garga 2. 12-11-2014: Billahalli

Cotton

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	2	53	Preliminary visit for farmer selection
2	Training	3	44	• Integrated nutrient and pest management in cotton management • Use of magnesium sulphate and potassium nitrate to prevent cotton reddening • Management of leaf reddening and sucking pests in cotton
3	Field visit to FLD plots	5	20	Diagnostic field visits
4	Method demonstration	2	31	• Spraying of insecticide • Spraying of magnesium sulphate and potassium nitrate
5.	Field day	01	17	Experience sharing

Banana

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	18	Preliminary visit for farmers selection
2	Training	01	20	Integrated Management of sigatoka leaf spot in banana
3	Field visit to FLD plots	06	49	Diagnostic visit
4	Method demonstration	03	27	Spraying solution preparation
5.	Media Coverage – E-TV, Annadatha	-	-	-
6.	Field day	01	16	Experience sharing

Frenchbean

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	1	15	For selection of farmers and to give introduction about the technology to be demonstrated.
2	Training	02	10	Training given on relevant aspects like Integrated Nutrient Management, IPDM and Soil testing.
3	Field visit to FLD plots	04	--	Regular field visits made for the follow up of technology demonstration.
4	Method demonstration	01	05	Seed treatment with Trichoderma
5.	Media Coverage – News Paper	01		News Paper clippings
6.	Field day	01	15	To show the worthiness of the technology.

Green Leafy Vegetables

Sl. No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	15	For selection of farmers and to give introduction about the technology to be demonstrated.
2	Training	02	38	Training given on relevant aspects like Integrated Nutrient Management, IPDM and Soil testing.
3	Field visit to FLD plots	04	--	Regular field visits made for the follow up of technology demonstration.
4	Method demonstration	01	10	Seed treatment with Trrichoderma
6.	Field day	01	15	To show the worthiness of the technology.

Rearing of cross bred cattle and buffaloes

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	38	Conducted to select animals for demonstration & to discuss about problem in dairy animals
2	Training	01	--	Conducted one day training programme on balanced feeding in dairy animals and clean milk production
3	Field visit to FLD plots	03	--	Visited to collect data on milk productio
4	Method demonstration	01	--	Application of ‘Saff kit’ after milking to avoid mastitis

Rearing of sheep and goat

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	20	Held to discuss about various problems in sheep rearing
2	Training	01	15	Conducted 1 day training programme on ‘Profitable sheep production under semi free range condition
3	Field visit to FLD plots	03	--	Visited to collect data on body weight gain

Cultivation of fodder crops

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	02	56	Held to discuss about the fodder scarcity and growing new varieties of fodder crops
2	Training	01	35	Conducted 'Nutritional value of fodder crops'
3	Field visit to FLD plots	03	--	To inspect the fodder plots for growth

Arecanut 2013-14

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	12	Preliminary visit for farmers selection
2	Training	01	05	Integrated management of sucking pest in Cotton
3	Field visit to FLD plots	06	55	Diagnostic visit
4	Method demonstration	02	15	Installation of sticky traps
5.	Media Coverage – E-TV, Annadatha	-	-	-
6.	Field day	01	11	Experience sharing

Coconut 2013-14

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	01	15	Preliminary visit for farmers selection
2	Training	01	15	ICM in Coconut
3	Field visit to FLD plots	05	--	Diagnostic visit
4	Method demonstration	01		Pinching in Drumstick
5.	Media Coverage – E-TV, Annadatha	03		Janathavani

Mango 2013-14

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	1	5	Preliminary visit for farmer selection
2	Training	1	5	Integrated nutrient management in mango
3	Field visit to FLD plots	3	6	Diagnostic visit
4	Method demonstration	1	2	Spraying of mango special
5.	Media Coverage – E-TV, Annadatha	-	-	-
6.	Field day	-	-	-

Fish (2013-14)

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Group discussion	02	15	To select the farmers and pond
2	Farmers training	02	59	• Pond management • Feed and manure management
3	Field visit	06	20	Feeding regime, sampling for body weight
4	National Fish Farmers Day	01	75	In collaboration with Dept. of Fisheries
5	Fisheries symposium	01	60	In collaboration with KSTA, Bengaluru

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	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										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Cereals																	
Bajra																	
Maize	ICM and Intercropping Redgram in Maize	NAH-1137	13	5.2	60.7	53.9	57	50.1	13.77	31134	68270.7	37136.7	2.2	30880	57738.8	26858.8	1.87
Maize	Integrated management of turcicum leaf blight in Maize	Private	20	08	49.6	47.3	48.3	40.8	18.38	34750	50715	15965	1.45	36400	48840	6440	1.17
Paddy																	
Sorghum																	
Wheat																	
Total																	
Oilseeds																	
Castor																	
Mustard																	
Safflower																	
Sesame																	
Sunflower																	
Groundnut																	
Soybean																	
Total																	
Pulses																	
Greengram																	
Blackgram																	
Bengalgram																	
Redgram																	
Total																	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Vegetable crops																	
Bottle gourd																	
Capsicum																	
Others																	
Total																	
Cucumber																	
Tomato	ICM in tomato	Arkha Rakshak	15	06	Demonstration is going on												
Brinjal																	
Okra																	
Onion																	
Potato																	
Field bean																	
Total																	
Commercial crops																	
Sugarcane																	
Coconut																	
Cotton	ICM in Cotton	MR-375	20	08	24.2	12.56	18.6	16.2	14.8	34530	81840	47310	3.04	26500	71190	44690	2.69
Total																	
Fodder crops																	
Maize (Fodder)																	
Sorghum (Fodder)																	
Total																	

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
1	2	3	4	5	6	7	8	9	10	11
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems	2	44		44	10		10	54		54
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	22	12	34	12	2	14	34	14	48
Others										
a) Natural farming	1	10		10				10		10
b) Bio fuel production and use of bioproducts										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables	1	15	1	16				15	1	16
Nursery raising										
Exotic vegetables										

1	2	3	4	5	6	7	8	9	10	11
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others a)Kitchen garden and terrace gardening	1	16	90	106	3	31	34	19	121	140
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	1	9	2	11				11		11
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others a)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others										
e) Tuber crops										
Production and Management technology										
Processing and value addition										

1	2	3	4	5	6	7	8	9	10	11
Others										
f) Spices										
Production and Management technology										
Processing and value addition										
Others										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others										
Livestock Production and Management										
Dairy Management	1	16	5	21	1		1	17	5	22
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	12		12				12		12

1	2	3	4	5	6	7	8	9	10	11
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products										
Others: a) Preparation of vermicompost										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others										

1	2	3	4	5	6	7	8	9	10	11
Plant Protection										
Integrated Pest Management										
Integrated Disease Management	2	22	2	24	16		16	38	2	40
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others a) Apiculture										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others -1. Recent technologies in aquaculture	1	25	2	25	9		9	34	2	36
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										

1	2	3	4	5	6	7	8	9	10	11
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										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**13**	**191**	**114**	**303**	**51**	**33**	**84**	**244**	**145**	**389**

7.B Training of Farmers and Farm Women 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
1	2	3	4	5	6	7	8	9	10	11
Crop Production										
Weed Management	1	19		19				19		19
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	17	5	22				17	5	23
Soil and Water Conservation										
Integrated Nutrient Management	1	9		9	2		2	11		11
Production of organic inputs										
Others a) seed treatment	2	29		29	6		6	35		35
c) Mechanized transplanting in paddy	1	10	2	12				10	2	12
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	2	3	4	5	6	7	8	9	10	11
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others : a) Integrated nutrient management in banana										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others										
d) Plantation crops										
Production and Management technology	1	45		45	5		5	45	5	50
Processing and value addition										
Others										
a) Intercropping in coconut and arecanut										
b) Green manuring										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others										

1	2	3	4	5	6	7	8	9	10	11
f) Spices										
Production and Management technology										
Processing and value addition										
Others										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management	1	14	1	15	2	1	3	16	2	18
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops	3	32	8	40				32	8	40
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others										
Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management										

1	2	3	4	5	6	7	8	9	10	11
Feed and Fodder technology	**1**	**32**		**32**				**32**		**32**
Production of quality animal products										
Others										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others										
Plant Protection										

1	2	3	4	5	6	7	8	9	10	11
Integrated Pest Management	2	25	1	26	7		7	32	1	33
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										

1	2	3	4	5	6	7	8	9	10	11
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										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**14**	**232**	**17**	**249**	**22**	**01**	**23**	**249**	**23**	**272**

7.C. Training for Rural Youths including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										

1	2	3	4	5	6	7	8	9	10	11
Rabbit farming										
Poultry production										
Ornamental fisheries	1	2	5	7	1	2	3	3	7	10
Composite fish culture	1		19	19		9	9	19	9	28
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Others.										
I. Preparation for UAS and UAHS practical exams	2	106	76	182	3	7	10	107	83	190
II. Ex- trainees sammelan for FOCT trainees	1	45		45	19		19	64		64
III. Soil and water conservation	1	5	5	10	3	2	5	8	7	15
TOTAL	**06**	**158**	**105**	**163**	**26**	**20**	**46**	**201**	**106**	**307**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application	1	12	7	19	2		2	14	7	21
Management in farm animals										
Livestock feed and fodder production	1	15	5	20	12	2	14	27	7	34
Household food security										
Any other a) Safe use of pesticide	1	30		30				30		30
b) Technology transfer mechanism in Animal science	1	8	12	20	6	5	11	14	17	31
c) Biofuel training to gram panchayath officials and elected members										
d) ICM in plantation crop										
e) Inland aquaculture										
Total	**04**	**65**	**24**	**89**	**20**	**07**	**27**	**85**	**31**	**116**

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	21		21	4		4	25		25
Integrated Nutrient management	1	21		21	9		9	30		30
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 a) Integrated farming system										
Total	**02**	**42**	**--**	**42**	**13**	**--**	**13**	**55**	**--**	**55**

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	2	3	4	5	6	7	8	9	10	11	12
1	**Crop production and management**										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	**Production and value addition**										
2.a.	Dryland horticulture	1	50	1	51	2		2	52	1	53
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 :**										
	a) Apiculture	1	1	30	31		7	7	1	37	38
	b)Management of horticulture crops in delayed monsoon	1	8		8	4		4	12		12
7	**Post harvest technology and value addition**										
7.a.	Processing and value addition										
7.b.	Others										
8	**Farm machinery**										
8.a.	Farm machinery, tools and implements										
8.b.	Others										
9.	**Livestock and fisheries**										
10	**Livestock production and management**										
10.a.	Animal Nutrition Management	2	40		40				40		40
10.b.	Animal Disease Management	1	37	2	39	11		11	48	2	50
10.c	Fisheries Nutrition										
10.d	Fisheries Management										
10.e.	Others : Livestock based employment opportunity	1	49	11	60		2	2	49	13	62
10.f	Profitable dairying through group action	3	112		112				112		112
10.g	Integrated dairying and vermicompost	1	14	3	17	12	1	13	26	4	30

1	2	3	4	5	6	7	8	9	10	11	12
11.	**Home Science**										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women										
11.c.	Drudgery reduction of women										
11.d.	Others										
12	**Agricultural Extension**										
12.a.	Capacity Building and Group Dynamics										
12.b.	Others : 1.Group formation	1	20		20				20		20
	2. Protection of Plant Varieties and Farmers Right Act	3	95	14	109	2		2	97	14	111
	Total	**15**	**426**	**61**	**487**	**31**	**10**	**41**	**457**	**71**	**528**

Details of sponsoring agencies involved

1. KSBDB, Bangalore
2. CDB , Bangalore
3. Zilla Panchayath , Davangere
4. Department of Horticulture, Davangere
5. IVRI, Bangalore
6. NABARD, Davangere
7. PPV & FRA, New Delhi
8. National Council of Rural Institutes, Hyderabad.
9. VS & AH, Davangere.
10. Bapuji Polytechnich, Davangere.

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	2	3	4	5	6	7	8	9	10	11	12
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										
2	**Post harvest technology and value addition**										
2.a.	Value addition										
2.b.	Others										
3.	**Livestock and fisheries**										
3.a.	Dairy farming										
3.b.	Composite fish culture										
3.c.	Sheep and goat rearing										
3.d.	Piggery										
3.e.	Poultry farming										
3.f.	Others										
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										
4.d.	Rural Crafts										
4.e.	Seed production										
4.f.	Sericulture										
4.g.	Mushroom cultivation										
4.h.	Nursery, grafting etc.										

1	2	3	4	5	6	7	8	9	10	11	12
4.i.	Tailoring, stitching, embroidery, dying etc.										
4.j.	Agril. para-workers, para-vet training										
4.k.	**Others:** Coconut climbing and plant protection	1	15		15	5		5	20		20
5	**Agricultural Extension**										
5.a.	Capacity building and group dynamics										
5.b.	Others										
	Grand Total	**01**	**15**	**--**	**15**	**05**	**--**	**05**	**20**	**--**	**20**

PART VIII – EXTENSION ACTIVITIES

Extension Programmes (including extension activities undertaken in FLD programmes)

Activities	No. of Activities	No. of Participants		
		No. of Farmers	No. Extension Personnel	Total
Field Day	10	332	26	358
Kisan Mela	04	More than 2 Lakh farmers		
Exhibition	02	3500	8	3508
Film Show	24	650	75	725
Method Demonstrations	03	150	--	150
Farmers Seminar	01	22	--	22
Farm Science Club (DDFA)	12	240	--	240
Group meetings	05	166	48	214
Lectures delivered as resource rersons	80	5929	316	6245
Newspaper coverage	86	--	--	--
Radio talks	05	--	--	--
TV talks	17	--	--	--
Popular articles	03	--	--	--
Scientific visit to farmers field	138	690	37	727
Farmers visit to KVK	1402	1836	62	1898
Diagnostic visits	43	188	49	237
Exposure visits	03	41	--	41
Ex-trainees Sammelan	01	64	--	64
Soil test campaigns	03	62	--	62
World Kitchen Garden Day	01	140	--	140
World Food Day	01	52	--	52
International Mother Earth Day	01	10	--	10
World Environmental Day	01	46	--	46
Kissan Samman Divas	01	19	--	19
Women in Agriculture Day	01	63	02	65
National Fish Farmers Day	01	36	07	43
Bi-Monthly workshop	06	--	350	350
Agriculture Technology Week	01	700	44	744
Total	**1856**	**14936**	**1024**	**15960**

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
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Drumstick	PKM-1	--	0.03		25
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Green manure	Sunhemp	Local		02		10
	Velvet beans	*Mucuna Spp.*		0.33		11
Total			**--**	**2.33**		**46**

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers
1	2	3	4	5	6	7
Commercial	--	--	--	--	--	--
Vegetable seedlings	Drumstick	PKM-1	--	1886	16529/-	55
Fruits	Mango	Alphaso	--	146	5110/-	12
	Sapota	Cricket ball	--	32	1440/-	06
	Guava	L-49	--	04	260/-	02
	Lime	Local	--	963	24761.8	85
Ornamental plants						
Medicinal and Aromatic	Aloevera	Local	--	01	20/-	04
Plantation	Arecanut	Thirthahalli Local	--	312	5303.4/-	14
Spices	Curry leaf	Local	--	03	55/-	02
Tuber	--	--	--	--	--	--

1	2	3	4	5	6	7
Fodder crop saplings	Fodder slip	CO-3 & DHN-6	--	10500	4950	31
Forest Species	--	--	--	--	--	--
Total				**13847**	**58429.20/-**	**211**

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity (Kg)	Value (Rs.)	Number of farmers
Bio Fertilizers	Azolla	50.75	1015/-	31
Bio-pesticide	--	--	--	--
Bio-fungicide	*Trichoderma*	586	58600/-	128
Bio Agents	Eathworm	113.35	28337.50/-	47
Others	Vermicompost	35213	170740.8/-	198
	Banana Special	2568	385200/-	726
	Vegetable Special	28	4200/-	28
Total		**38559.10**	**648093.30/-**	**1158**

9.D. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers
1	**2**	**3**	**4**	**5**
Dairy animals				
Cows				
Buffaloes				
Calves				
Others				

1	2	3	4	5
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others				
Piggery				
Piglet				
Others				
Fisheries				
Fingerlings				
Ornamental fishes	Guppies, Mollies, Sword tails	461	2770.90/-	130
Total		**461**	**2770.90/-**	**130**

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

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

(A) KVK News Letter :

Name: Taralabalu Krishi Sinchana, Quarterly, Started in October-2008
Periodicity: Quarterly

Sl.No.	Quarterly (2014-15)	Volume	Issue
1	April-June	6	3
2	July-September	6	4
3	October-December	7	1
4	January-March (2015)	7	2

No. of copies : 500/issue

(B) Literature developed/published

Item	Title	Authors name	Number
1	**2**	**3**	**4**
Research papers	--	--	--
Technical reports	--	--	--
News letters	Taralabalu Krishi Sinchana (4 issues)	--	2000
Technical bulletins	--		-
Popular articles	Enigma of sustainability in agriculture – Taralabalu Trimasika	Dr. Devaraja T.N.	--
	Davanagere Dairy Farmers Association (R) – An effective route for transfer of technology – Pashusiri magagine	Dr. Jayadevappa G. K. Dr. Devaraja T.N.	--
	Simple technologies offers effective solutions – The Hindu	--	--
	Try this planting method for better yield in Coconut – The Hindu	--	--
	Bayalu seemegu kalitta kappu bangara karimenasu – Janathavani	Basavanagowda M.G. Dr. Devaraja T.N.	--

1	2	3	4
Extension literature	Household Kitchen Gardening – Folder	Basavanagowda M.G.	1000
	Gandhiji's Development Model of Rural Areas – as introspection - Folder	Raghuraja J. & Dr. Devaraja T.N.	1000
	Protection of plant varieties and farmers right act 2001 – Book	Raghuraja J. & Dr. Devaraja T.N.	1000
	Manual for darying – Book	Dr. Jayadevappa G.K.	100
Radio Talk	Planning for the Kharif crop production technologies (Live-Phone in Programme)	Mallikarjuna B.O.	--
	Fish & Fishereis for small & marginal farmers in Inland areas	Dr. Devaraja T. N.	--
	Pest and disease management in Arecanut (Live-Phone in Programme)	Prasannakumara N.	--
	Paddy-Post harvest and processing	Mallikarjuna B.O.	--
	Production of organic manure and pesticides along with its uses	Vijayakumara S.B.	--
TV Programmes	Mulching of sugarcane thrash in the horticulture crops	Mallikarjuna B.O.	--
	ITK-Use of long steel rod for removing of suckers (Banana)	Mallikarjuna B.O.	--
	IPM against BPH in paddy	Prasannakumara N.	--
	Land preparation and Improved agronomic practices in Maize	Mallikarjuna B.O.	--
	Recent techniques to improve the yield in Cotton	Mallikarjuna B.O.	--
	Nutrient management in Banana	Basavanagowda M.G.	--
	Maintenance of Dairy animals during rainy season/winter season	Dr Jayadevappa G K	--
	Fertilizer and weed management in Maize	Mallikarjuna B.O.	--
	Micronutrient and manctonutrinent sprays in Cotton for better yield	Mallikarjuna B.O.	--
	Water and fertilizer management in Paddy	Mallikarjuna B.O.	--
	Production technology of Yelakki Tissue Culture plants	Basavanagowda M G	--
	Importance of soil testing and methods of soil sampling	H.M. Sannagoudra	--
	Management of sun scorching in Arecanut	Basavanagowda M.G.	--
	Integrated Crop Management in Redgram	Mallikarjuna B.O.	--
	Selection of sugarcane setts and sett treatment	Mallikarjuna B.O.	--
	Intercropping in Banana (Cucumber + Avare)	Mallikarjuna B.O.	--
	Nutrient deficiency symptoms and their management in Banana	H.M. Sannagoudra	--

10. B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1	CD	Intercrop of Redgram in Maize and Avare Cucumber in Banana	01

10.C. Success Story: NIL

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

a) **Avenue planting of Drumstick plants:** In KVK farm has attracted many farmers and citizens alike. This earned a substantial income to Revolving Fund of KVK.

b) **Lemon grass herbal drink grown in KVK:** This has replaced milk tea in our KVK hostel saving on milk, tea powder and even sugar. Farmers, general visitors and VIPs too have appreciated the herbal drink and shown interest in taking a sapling of the same for their garden.

c) **Saturday Organic Bazzar (Saavayava Shanivara Santhe):** Weekly sandy held at TKVK on every Saturday helped organic farmers and the enthusiastic consumers of organic produce as it is made available next door.

d) **Special training for Farm Facilitators:** KVK took initiative in organizing special trainings to Farm Facilitators from all six talukas of our district. This has impressed the Department of Agriculture and they have made it a mandatory activity this as well.

10. E. Details of indigenous technology practiced by the farmer in the KVK operational area which can be considered for technology: NIL

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

10.G. Field activities

i. **Number of villages adopted :** 03

ii. **No. of farm families selected :** 478

iii. **No. of survey/PRA conducted :** 05

10. H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab **:** Established

1. Year of establishment : 2011 (April)
2. List of equipments purchased with amount

Sl. No.	Name of the Equipment	Qty.	Cost (Rs.)
1	Digital conductivity meter	01	12,860-00
2	Digital pH meter	01	11,033-00
3	Flame photometer	01	48,375-00
4.	Spectrophotometer	01	42,570-00
5.	Macro Block digestion system: KIL 08 L	01	96,212-00
6.	Distillation system KJELO DIST EAS VA	01	1,77,268-00
7.	Digital Burette Titration system	01	53,212-00
8.	Quartz single distillation model with 4 l/h capacity	01	31,482-00
9.	Quartz double distillation unit with 1.5 l/h capacity	01	64,130-00
10.	Hot air oven	01	29,786-00
11.	Hot plate Rectangular	01	6,784-00
12.	Water bath	01	5,724-00
13.	Digital Analytical balance capacity 210 g	01	69,960-00
14.	Table top balance capacity 10 kg	01	6,890-00
15.	Heating mantle capacity 250 ml	01	1,908-00
16.	Kent water purifier	01	16,500-00
Total		**15**	**6,74,694-00**

Details of samples analyzed so far since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	2498	2047	949	2,25,481/-
Water Samples	1610	1165	922	73,100/-
Plant samples	--	--	--	--
Manure samples	05	03	02	5,00/-
Total	**2333**	**1941**	**672**	**2,99,081/-**

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	1018	799	563	92500/-
Water Samples	762	475	638	35750/-
Plant samples	--	--	--	--
Manure samples	--	--	--	--
Total	**1780**	**1274**	**1201**	1,28,250/-

10.I. Technology Week celebration during 2014-15 : Yes

Period of observing Technology Week : From 19-01-2015 to 21-01-2015

Total number of farmers participated : 744

Total number of agencies involved : 11 **(**Dept. Agriculture, Horticulture, AH & VS, Fisheries, Sericulture, District Krishika Samaja, SKDRDP, Criyagen, MCF, Dhanuka Agritech Ltd. Rigvedh Scientific, Davanagere)

Number of demonstrations visited by the farmers: Demonstration units and special crop court established for this purpose were visited by the farmers and the students.

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	--	--	--
Lectures organized	07	744	Agriculture, Horticulture, Terrace gardening and Kitchen garden, Natural farming
Exhibition	04	> 2500	Organic farming, Mechanization, Dairy technologies, Nutrient management, NICRA
Film show	07	744	Organic farming, Green manuring and Integrated Crop Management practices
Fair	--	--	--
Farm Visit	03	744	--
Diagnostic Practical	--	--	--
Supply of Literature (No.)	06	744	--
Supply of Seed (q)	--	--	--
Supply of Planting materials (No.)	--	--	--
Bio Product supply (Kg)	--	--	--
Bio Fertilizers (q)	--	--	--
Supply of fingerlings	--	--	--
Supply of Livestock specimen (No.)			
Total number of farmers visited the technology week	--	> 2500	Farmers and School students

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

A. Introduction of alternate crops/varieties:

State	Crops/cultivars	Area (ha)	Number of beneficiaries
Karnataka	Redgram – BRG-2 – 135 kg Fodder (Co-3, DHN-6) Seedlings	10	76

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses	10	15
Cereals		
Vegetable crops		
Tuber crops		
Total		

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No. of participants
Karnataka	Dairy	12	240
Total		**12**	**240**

D. Animal health camps organized

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

E. Seed distribution in drought hit states : NIL

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

F. Large scale adoption of resource conservation technologies : NIL

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

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Karnataka	10	1114	--	--	--	--	--	--	--	--	--	--
Total	**10**	**1114**	--	--	--	--	--	--	--	--	--	--

PART XI. IMPACT

11.A. Impact of KVK activities:

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

11.B. Cases of large scale adoption: NIL

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

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
Department of Animal Husbandry and Veterinary Science, Davanagere	Conducted training programme for Extension functionaries of Department of AH & VS, Davanagere
IVRI, Bangalore	Conducted training programme to farmers in collaboration with IVRI, Bangalore
NABARD, Davanagere	Conducted 3 training programme in collaboration wtih NABARD, Davanagere (03-09-2014, 18-09-2014)
Bapuji Polytechnic, Davanagere	Conducted training programme on Apiculture in collaboration with Bapuji Polytechnic, Davanagere
CDB, Bangalore	Conducted 6 days FOCT training for rural youths sponsored by CDB, Bangalore
PPV & FRA, New Delhi	Conducted 3 training programmes on PPVFRA 2001 sponsored by PPVFRA Authority, New Delhi
National Council of Rural Institutes, Hyderabad	Conducted seminar on Rural awareness on Gandhian philosophy for Bharath Nirman Youths sponsored by NCRI, Hyderabad
Zilla Panchayath, Davanagere	Conducted 6 days training on Integrated dairying and vermicompost production technology sponsored by ZP, Davanagere
Department Horticulture, Davanagere	Conducted 3 days training on Dryland Horticulture sponsored by Department of Horticulture, Davanagere

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.)
NICRA	Demonstrations, Training, NRM works, Exposure visits and Climate Resilient Technologies	February – 2011 (Ongoing)	ICAR	7,90,000-00
Biofuel Information and Demonstration Centre	Training, Awareness campaign Demonstration, Exhibitions and Research	April -2011 (Ongoing)	Karanataka State Biofuel Development Boad, GoK	11,50,000-00

12. C. Details of linkage with ATMA

a) Is ATMA implemented in your district (Yes/ No) : Yes

Visited villages and collected basic data for preparation of SREP

Coordination activities between KVK and ATMA during 2014-15

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**				
04	**Demonstrations**				
05	**Extension Programmes**				
	Kisan Mela				
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	Field day	Maize & Redgram FLD field day	07	01	--
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: NIL

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

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

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

12.F. Details of linkage with RKVY : NIL

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

12. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent (To Registered farmers)	No. of feedback / query on SMS sent
April 2014	--	--	--
May 2014			--
June 2014			--
July 2014	04	1200	--
August 2014	02	1200	--
September 2014	--	--	--
October 2014	11	1200	--
November 2014	06	1200	--
December 2014	--	--	--
January 2015	03	3000	--
February 2015	--	--	--
March 2015	07	3000	--
Total for the year 2014-15	**33**	**10800**	--

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. (kg)	Cost of inputs	Gross income	
1.	Banana Special	2011-12	--		Banana Special	2568	235020.5/-	442260/-	
2.	Horticulture Nursery	2009-10	0.1		Arecanut	312 No.	65241/-	90779/-	
					Drumstick	1886 No.			
					Mango	146 No.			
					Sapota	32 No.			
					Lemon	963 No.			
					Others	8 No.			

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Pulses									
Oilseeds									
Fibers									
Spices & Plantation crops									
Green manure crops									
Sunhemp	10-08-2014	12-12-2014	0.5	Local	Seeds	4.5 q	14500	18000	--
Velvet beans	01-06-2014	30-01-2015	0.5	*Mucuna spp.*	Seeds	90 kg	6600	7200	--
Fruits									
Mango	--	--	2.25	Alphanso	Fruits	--	50000	125000	
Sapota	--	--	0.75	Cricket ball	Fruits	--	15000	25000	
Vegetables									
Brinjal	01-07-2014	24-09-2014	0.5	Local	Vegetable	50 q	10000	15000	
Bhendi	24-04-2014	24-08-2014	2.0	Arka Anamika	Seeds	2 q	69000	--	Seed failed germination test at KSSC

Tomato	17-09-2014	--	0.5	Arka Vikasa	Seeds	--	--	--	Crop failed due to heavy rains
Bottlegaurd	15-09-2014	08-01-2015	1	Arka Bahar	Seeds	20 kg	10000	--	Seeds supplied to KSSC, Davanagere and payment awaited
Cucumber	18-08-2014	20-09-2014	0.5	Local	Vegetables	3 q	8000	18000	--
Plantation crops									
Arecanut	--	--	1.5	Thirthahalli Local	Arecanut	50 q green karnal	80000	115000	--
Tamarind	--	--	--	Local	Fruits	--	5000	15000	--

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	*Trichoderma*	586 kg	35,900/-	76,730/-	--

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Crossbred Cow Dairy	HF X	Milk	12091 litres	393391/-	337147/-	
2	Varietal Fodder plots demo unit	DHN-6, Guinea Grass (BG-9) Co-3 Napier	Root slips	10500 No.	1063/-	6300/-	
3	Azolla Demo Unit	*Azolla pinnata*	Azolla plant	50.75 kg	1400/-	965/-	
4	Vermiculture and vermicompost demo unit	 *Eudrilus Sp.*	Compost Earthworms	35213 kg 113.35 kg	54600/-	169609/-	
5	Ornamental Fish Production Unit	Guppies, Mollies, Sword tails, Platy, Gambusia, Sucker cat fish	Ornamental fishes	461 No.	125/-	3180/-	

13. E. Utilization of hostel facilities

Accommodation available (No. of beds): 35

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall
April-2013	28	1	--
May-2013	192	2	--
June-2013	118	5	--
July-2013	110	3	--
August-2013	83	3	--
September-2013	280	4	--
October-2013	100	7	--
November-2013	--	--	--
December-2013	149	6	--
January-2014	775	5	--
February-2014	83	9	--
March-2014	0	--	--
Total	**1918**	**45**	--

13. F. Database management

Sl. No	Database target	Database created
1 2	• Data base on Soil test, Water test, Radio talk, TV talk and Guest lecture. • Database on training, FLD, OFT and others.	• Updating is continues with these database. • Updating of data is ongoing

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

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

13.H. Farmers Field School

Rice (2014-15)

Technology : Integrated Crop Management in Paddy
Area : 1 acre
Collaborator : Mr. Mahendrappa H.M.
Participants : 20
Facilitator : SMS (Agronomy, Soil Science, Plant Protection, Agriculture Extension, Programme Coordinator)
Place : Hosabelavanur, Davanagere Taluk

Number and details of activities

Sl. No.	DATE	Activities
1	09-06-2014	Land preparation and green manuring crops
2	10-07-2014	Soil sampling, Seed treatment (Chemical-Bio fertilizers) in Paddy
3	03-08-2014	Transplanting techniques and water, fertilizer and weed management in Paddy
4	25-08-2014	Role of micronutrient and macronutrient spray in paddy for higher yield
5	12-09-2014	Integrated Pest and Disease Management in Paddy
6	29-09-2014	Management of BPH in Paddy
7	21-10-2014	Field Day
8	23-12-2014	Closing function “FFS-Paddy” (in commemoration of Kissan Samman Divas)

Results:

Yield (q/ha)		% of increase	Gross Cost (Rs.)	Gross Return (Rs.)	Net Return (Rs.)	B:C ratio
Demo	Check					
58.5	--	5.41	47,433	87,750	40,317	1.85
--	55.4		49,465	83,100	33,635	1.68

13.I. a) Integrated Farming System in Dryland Horticulture

Name of the farmer, Land holding and Annual Income (Rs) 2011-12	Existing crop / enterprises	KVK intervention		
		2012-13	2013-14	2014-15
1	2	3	4	5
Sri Mallikarjuna V., Kondajji, Harihar-tq. 4.1 ha 4,10,000/-	Coconut, Arecanut, Oil palm, Cocoa, Drumstick, Sapota, Turmeric and Vermicompost	Drumstick, Sapota, Mango and Curry leaves seedlings	Drumstick, velvet beans and azolla unit	Oil palm, coconut, Arecanut, Cocoa, mango, Drumstick, Sapota, Vermicompost, Azolla unit.
Sri Shikari Balappa, Kurubagere, Harapanahalli tq. 4 ha. 3,50,000/-	Maize, Ragi, Redgram, Sorghum, Groundnut, Dryland paddy, Mango, Sapota, Dairy, Sheep rearing and Vermicompost	Mango, Sapota and Lemon seedlings	Sheep and Azolla unit	Maize, Ragi, Redgram, Sorghum, Dairy, Vermicompost, Azolla unit.
Sri Arunkumar G.C. Bilchod, Jagaluru tq. 9.2 ha. 8,00,000/-	Maize, Ragi, Redgram, Sorghum, Field bean, Cotton, Tamarind , Banana, Guava, Marigold, Tomato, Chilli, Drumstick, Apiculture, Cowpea, Mango, Sapota, Coconut, Arecanut, Dairy and Vermicompost	Sapota, Guava, tamarind seedlings	Drumstick , Tamarind, Guava, Sapota and Azolla unit	Maize, Ragi, Redgram, Sorghum, Field bean, Cotton, Tamarind, Guava, Tomato, Chilli, Drumstick, Apiculture, Cowpea, Mango, Sapota, Coconut, Arecanut, Dairy (Ghee production) and Vermicompost, Azolla unit.
Sri Shankaramurthy N.S. Lingadahalli, Channagiri tq. 4.7 ha. 12,00,000/-	Maize, Ragi, Redgram, Field bean, Niger, Mustard, Arecanut, Coconut, Turmeric, Rose, Button rose, Marigold,	Vermicompost unit and sheep rearing unit	Fish pond and Azolla unit	Arecanut, Coconut, pepper, cotton, Field bean, Vermicompost unit and sheep rearing unit, Fish pond and Azolla unit
Sri Onkarappa G., S. Mallapura, Honnali tq. 3.6 ha. 4,50,000/-	Maize, Ragi, Cotton, Groundnut, Mango, Sapota, Coconut, Oil palm, Drumstick, Papaya, Jamoon, Tamarind, Cluster bean, Brinjal, Chilli, Betelvine, Cucumber, Beans, Cabbage, Onion, Silver oak, Bio-Digester, Vermicompost unit and Dairy	Mango, Sapota, Jack fruit and Orange seedlings	Musambi, Guava seedlings and Azolla unit	Tissue culture banana and pepper
Sri Dyamappa H.D. Haluvarthy , Davanagere tq. 6 ha. 10,00,000/-	Maize, Cotton, Cucumber, Pumpkin, Chilli, Cowpea, Rose, Papaya, Arecanut, Dairy, Poultry and Poultry feed maker	Mango, Jack fruit seedlings and Vermicompost unit	Lemon, Sapota seedlings and Azolla unit	Maize, Cotton, Chilli, Tomato, Rose, Coconut, Arecanut, Banana Dairy, Poultry and Poultry feed maker

1	2	3	4	5
Renukarya M K U. Kallahalli, Harpanahalli Area : 6 ha Annual Income : 8,00,000/-	Coconut (paired and pentagonal planting), Arecanut, Banana, Sapota, Mango, Fodder, Dairy, Vermicompost unit, Farm ponds	--	--	--
Raghava Mallanayakanahalli, Harihara 8 ha 10,00,000/-	Natural farming in coconut- Spices and aromatic crops, Medicinal crops Ornamental crops, Fruits, Vegetables, Tubers, Trees, Fodder / Other Crops.	--	--	--
Ramanjuneya Salakatte, Harihara 5 ha 13,00,000/-	Existing crop / enterprises: Arecanut, coconut, cocoa, paddy, Dairy,	--	--	--

13. I. b) Innovative Programme:

Davanagere Dairy Farmers Association (DDFA):

- Monthly meeting to discuss the issues and decide about the viable solution to each problem.
- Technical seminar will be organized in the subject of farmers interest.
- Pharmaceutical Co., Feed Co., Dairy industry representatives will also participate and give knowledge on their products.
- Currently, for establishing AI Centres, sales out let, educational tours, workshops and seminars.
- Outcome from last year's work:
    - Number of animals inseminated with superior germplasm – 1265
    - Number of animals conceived – 586
    - Number of Azolla (as a feed supplement) units established (5 farmers) - 20 units
    - Number of monthly technical meetings – 12
    - Advisory services provided – 143
    - Supply of good quality fodder seeds/slips (Lucerne, Nutrifeed, DHN-6, Napier X, Sugargraze, Sesbenia) – 95 farmers
    - Supply of mineral mixture – 68 farmers
    - Improved milk production: From 5–6 litres/day to 10–12 litres/day
    - Net income/cow/month: From Rs. 400-500 to Rs. 1000-1200

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 KVK	State Bank of India	PJ Extension DAVANAGERE 577 002	5624	Taralabalu Krishi Vigyan Kendra **(Main Grant Account)**	30166599498	577002002	SBIN0005624
	Canara Bank	Vidyanagar DAVANAGERE 577 004	1813	Taralabalu Krishi Vigyan Kendra **(Revolving Fund)**	1813101010146	577015007	CNRB0001813

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

S.No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	99.500	99.493	99.503
2	Traveling allowances	0.320	0.320	0.317
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	0.500	0.500	0.500
B	POL, repair of vehicles, tractor and equipments	0.500	0.500	0.500
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.200	0.200	0.200
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.200	0.200	0.200
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2.600	2.600	2.600
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.600	0.600	0.600
G	Training of extension functionaries	0.100	0.100	0.100
H	Maintenance of buildings	0.100	0.100	0.099
I	Library	0.000	0.000	0.000
J	Extension Activities	0.100	0.100	0.100
K	Farmers Field School	0.100	0.100	0.100
	TOTAL (A)	104.820	104.813	104.819
B. Non-Recurring Contingencies				
1	Works	0.000	0.000	0.000
2	Equipments including SWTL & Furniture	0.000	0.000	0.000
3	Vehicle (Four wheeler/Two wheeler, please specify)	0.000	0.000	0.000
4	Library (Purchase of assets like books & journals)	0.000	0.000	0.000
	TOTAL (B)	0.000	0.000	0.000
C. REVOLVING FUND	TOTAL (C)	0.000	0.000	0.000
	GRAND TOTAL (A+B+C)	**104.820**	**104.813**	**104.819**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on corresponding year
April 2011 to March 2012	0.695	41.291	40.339	1.647
April 2012 to March 2013	1.647	33.193	32.898	1.942
April 2013 to March 2014	1.942	29.733	26.432	5.243
April 2014 To March 2015	5.243	40.308	43.578	1.973

15. Details of HRD activities attended by KVK staff during 2014-15

Staff Name	Designation	Discipline	Training Title	Institute Address	Start Date	End Date	Amount (Rs)	Remarks
1	2	3	4	5	6	7	8	9
Mr. Prasanna Kumara N.	Subject Matter Specialist	Plant Protection	Training Programme on IPM	NBAII Bangalore	23-07-2014	25-07-2014	0	Organized by NICPM, New Delhi & Zonal Project Directorate, Bangalore
Dr. Jayadevappa G.K.	Subject Matter Specialist	Animal Science	Technologies in Animal Science	NIANP, Bangalore	25-07-2014	25-07-2014	0	Organized by NIANP, Bangalore
Dr. Jayadevappa G.K.	Subject Matter Specialist	Animal Science	IPR issues in Animal Sciences (Global Senario)	NIANP, Bangalore	18-08-2014	27-08-2014	50/-	Organized by NIANP, Bangalore
Mr. Raghuraja J.	Subject Matter Specialist	Ag. Extension	Futuristic Agriculture Extension: Approaches and tools	IARI, New Delhi	03-09-2014	23-09-2014	50/-	Organized by Division of Agriculture Extension, IARI
Mr. Santhosh B.	Programme Assistant (Computer)	Computer Science	Training on Database Management	KVK, Pathanamthitta	11-11-2014	13-11-2014	0	Organized by Zonal Project Directorate, Bangalore
Mr. Sannagoudra H.M.	Subject Matter Specialist	Soil Science	Orientation programme on mandated activities of KVK	KVK, Thrissur	18-11-2014	21-11-2014	0	Organized by Zonal Project Directorate, Bangalore

1	2	3	4	5	6	7	8	9
Dr. Devaraja T.N.	Programme Coordinator	Fisheries	Participatory Impact Monitoring and Assessment (PIMA)	KVK, Mysore	01-12-2014	06-12-2014	0	Organized by Zonal Project Directorate, Bangalore
Mr. Mallikarjuna B.O.	Subject Matter Specialist	Agronomy	Orientation programme on mandated activities of KVK	KVK, Vijayapur	03-12-2014	06-12-2014	0	Organized by Zonal Project Directorate, Bangalore
Dr. Jayadevappa G.K.	Subject Matter Specialist	Animal Science	Orientation programme on mandated activities of KVK	KVK, Vijayapur	03-12-2014	06-12-2014	0	Organized by Zonal Project Directorate, Bangalore
Mr. Basavanagowda M.G.	Subject Matter Specialist	Horticulture	Winter school on protected cultivation	UAS, Dharwad	05-12-2014	25-12-2014	50/-	Organized by UAS, Dharwad
Dr. Jayadevappa G.K.	Subject Matter Specialist	Animal Science	Livelihood and Nutritional Security of Farmers through Integration of Animal Husbandry and Fisheries with Agriculture and Horticulture	Directorate of Extension, KVAFSU, Bidar	26-03-2015	28-03-2015	0	Organized by Directorate of Extension, KVAFSU, Bidar

16. Any other important and relevant information which has not been reflected above:

- Conducted 2 orientation programme for agriculture entrance test for admission to Agricultural Universities for 190 2nd PU students
- Organized 5 days Krishi mela at Sirigere, Chitadurga (Tq) and 9 days Krishi mela on the occasion of Taralabalu Hunnime Mahotsava – 2015 at Channagiri, Davanagere district along with development departments and input agencies.
- Presented two papers on 'Simplifying the Coconut Farming by Natural Farming' and 'Paired and pentagonal planting of coconut to increase number of palms per unit area' on the occasion of Bharath Vigyan Sammelan-2015 held at Panaji, Goa.
- Conducted Seminar on 'Rural Awareness on Gandhian Philosophy' sponsored by National Council of Rural Institutes, Hyderabad for 22 Bharath Nirman volunteers.
- Kendra facilitated the PPV & FRA registration of 'Dodda Bhatta' variety produced and conserved by Mr. Anajaneya A.N., Kumbaluru, Harihara Taluk. The process is still going on. Conducted 3 awareness programme on PPV & FRA for 90 farmers and 21 extension functionaries.
- Our FLD farmers Mr. Muzamil Bhasha, Devarahatti, Davanagere taluk has been facilitated with Best Fish Farmer State Award by KVAFSU, Bidar.
- Kendra guided 38 students from various desciplines (MSc, MTech, BE, B.Ed, PhD, MSW etc.) for their academic study projects.

Biofuel Information and Demonstration Centre:

- Conducted 10 training programmes, to 350 participants on 'Bio Fuel farmers, farm women, rural youths.
- Conducted 12 'Awareness Programmes' to nearly 400 school children, college student, rural folk and urban pupil through demonstrations, discussion, jathas.
- Conducted 8 'Bio Fuel-Exhibition' and more than 30,000 school / children, farmers, college students, rural youths at Udgghatta village, Jagaluru tq, Rangavanahalli in Davangere tq. Kakkaragolla in Davanagere tq., Channagiri and Adhi Chunchanageri in Nagamangala tq. (Mandya dist.).
- Celebrated 'World Bio Fuel Day' on 13th August 2014 in collaboration with Zilla Panchayath at Uddagatta village in Jagalur tq.
- Celebrated 'World Environment Day' on 5th June 2014 at Rangavvanahalli in Davangere tq.
- More than 1,500 bio fuel samplings like Honge, Simaruba, Neem and Mahuva were planted during the period.
- Produced 594 liters of biodiesel from seeds, 80% utilized for office diesel vehicles and 20 % sold outside on demand, 5025 kgs of honge cake produced was sold.

NICRA Project:

- Trench cum bund formation in 54 farmers field (26 ha).
- 15 Farm ponds constructed (300 cubic meter each).
- Introduced drought tolerant varieties of Groundnut, Redgram, Horsegram and Avare.
- Hydrophonic fodder production is takenup with 8 farmers.
- Preventive vaccination done for 722 animals.
- Conducted animal health camp 1 and treated 60 animals.
- Weekly animal health checkup - 234 animals treated.
- From custom hiring centres 202 farmers are benefitted.
- Organised exposure visit to Thotagarika mela held at Bagalkot.

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	Rice	Response of Paddy to Boron spray with respect to yield	04
Varietal Evaluation	Groudnut	Performance assessment of Groundnut varieties for high yield	03
Integrated Pest Management			
Integrated Crop Management	Banana	Modified high density planting for improved productivity in Banana	02
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	**09**

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	Cattle	Alleviation of eversion of reproductive organs in dairy animals through balanced nutrition	20
Production and Management			
Others (Pl. specify)			
Total			**20**

Summary of technologies assessed under various enterprises

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

Summary of technologies assessed under home science

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

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops

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

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			
Total			

Summary of technologies refined under various enterprises

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

Summary of technologies refined under home science

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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Cereals																		
Rice	ICM	Integrated crop management in rice to increase the yield through mechanization		20	08	58.6	56.0	4.64	No. of tillers/hill-41.9	29	43335	87862.5	44527.5	2.04	47375	84022.5	36647.5	1.78
Rice	ICM	Integrated management of Brown Plant Hopper in Paddy		15	06	63.1	55.12	14.1	BPH incidence – 6%	24.3%	42350	100960	58610	2.38	44600	88480	43880	1.98
Maize	ICM	Integrated Crop Management and Intercropping Redgram In Maize		13	5.2	57	50.1	13.77	Stem borer incidence – 5.34 %	32.9%	31134	68270.7	37136.7	2.2	30880	57738.8	26858.8	1.87
Maize	IDM	Integrated management of turcicum leaf blight in maize.		20	08	48.3	40.8	18.38	TLB incidence – 7.50 %	25.5%	34750	50715	15965	1.45	36400	48840	6440	1.17
Millets																		
Ragi	ICM	Integrated Crop Management in HYV of Ragi (KMR-301)		25	10	25.7	15.3	67.9	No. of fingers/head – 6.5	4.2	24425.2	65144.2	40719	2.66	23790	38300	14509.6	1.61
Oilseeds																		
Pulses																		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Vegetables																		
Frenchbean	ICM	Demonstration of HYV Arka Anoop the Frenchbean		05	01	205	167	22.99	No. of pods/plant – 15.82	11.37	153767	410800	257033	2.67	151247	334000	182753	2.2
Amaranthus	ICM	Demonstration of HYV Amaranthus Arka Suguna		10	02	91.95	73.37	25.32	Plant height – 41.6 cm	31.5 cm	81604.9	183900	102295	2.25	79391.5	146740	67348	1.84
Chilli	ICM	Integrated Crop Management in Chilli		Not implemented														
Tomato	ICM	Demonstration of triple disease resistant hybrid Tomato Arka Rakshak		15	06	Demonstration is on going												
Flowers																		
Ornamental																		
Fruit																		
Banana	IDM	Integrated management of sigatoka leaf spot in banana		15	06	551.8	438.4	25.86	Sigatoka incidence – 8%	28%	85700	325247.33	239547	3.79	90300	254311.7	164011	2.81
Mango 2013-14	INM	Foliar application of 'Mango Special' in Mango for enhanced yield.		02	01	172.7 t/ha	148.5 t/ha	16.3	--	--	62385	259050	196665	4.15	54370	222600	168230	4.09
Fibres like Cotton																		
Cotton	ICM	Integrated Crop Management in Cotton		20	08	18.6	16.2	14.8	Leaf reddening – 6.5%	24.4%	34530	81840	47310	3.04	26500	71190	44690	2.69
Spices and condiments																		
Commercial																		
Medicinal and aromatic																		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Fodder	ICM	Establishment of fodder cafeteria (DHN-6, Guinea, Lucerne and Sesbenia)		05	01	199.5	120	66.25	--	--	5000	20420	15420	4.04	4000	6000	2000	1.5
Plantation																		
Arecanut	ICM	Integrated management of Hidimundige in Arecanut		Not implemented														
Arecanut	IDM	Integrated Management of Bacterial Leaf Stripe in Arecanut		05	02	7% of incidence	35% incidence	--	Incidence of bacterial leaf stripe – 7%	35%	--	--	--	--	--	--	--	--
Coconut	ICM	Popularization of KDM-1 Drumstick as intercrop in Coconut gardens		06	02	11733 Nuts/ha	6183 Nuts/ha	89.76	--	--	47605.6	140800	93194.3	2.95	38529.3	74200	35670	1.95
Fibre																		
		Total																

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																		
	INM	Balanced nutrition and improved management practices in dairy animals for better performance		10	10	836.85	405	8.88 5.0	Conception rate – 45%	Repeat breeding occurred – 90%	14354	20022.3	5668.3	1.39	9189	10125	945	1.10
Poultry																		
Rabbitry																		
Pigerry																		
Sheep and goat	INM	Balanced feeding and total deworming in small ruminants for better performance		05	50 (10 sheep/ demo)	70.64 kg * BWG/ 90days	40.05	74	Symptoms of heat – 90%	Symptoms of heat – 10%	6095	17660	1158	2.90	5100	10125	502	1.98
Duckery																		
	Total																	

*** BWG = Body Weight Gain, average of 10 Sheep**

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	ICM	Common Carp seed production through hapa system in farm ponds (2014-15)		Not implemented														
	Polyculture	Polyculture of fishes in big earthern ponds (2013-14)		06	64000 m^2	13.125	--	--	--	--	303333.33	700000	396666.7	2.30	--	--	--	--
Mussels																		
Ornamental fishes																		
		Total																

Other enterprises

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

Women empowerment

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

Farm implements and machinery

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

Other enterprises

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demonstration	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
1	2	3	4	5	6	7	8	9	10	11
Cereals										
Bajra										
Maize	NAH-1137	13	5.2	5700	5010	13.77	31134/-	68270.7/-	37136.7/-	2.2
Rice	Private	20	08	4830	4080	18.38	34750/-	50715/-	15965/-	1.45
Sorghum										
Wheat										
Others										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Total										

1	2	3	4	5	6	7	8	9	10	11
Vegetable crops										
Bottle gourd										
Capsicum										
Others										
Total										
Cucumber										
Tomato	Arka Rakshak	15	06	Demonstration is going on						
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others										
Total										
Commercial crops										
Sugarcane										
Coconut										
Cotton	MR-375	20	08	1860	1620	14.8	34530/-	81840/-	47310/-	
Total										
Fodder crops										
Maize (Fodder)										
Sorghum (Fodder)										
Others										
Total										

IV. Training Programme

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
1	2	3	4	5	6	7	8	9	10	11
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems	2	44		44	10		10	54		54
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	22	12	34	12	2	14	34	14	48
Others										
d) Natural farming	1	10		10				10		10
e) Bio fuel production and use of bioproducts										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables	1	15	1	16				15	1	16
Nursery raising										
Exotic vegetables										

1	2	3	4	5	6	7	8	9	10	11
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others a)Kitchen garden and terrace gardening	1	16	90	106	3	31	34	19	121	140
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	1	9	2	11				11		11
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others a)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others										
e) Tuber crops										
Production and Management technology										
Processing and value addition										

1	2	3	4	5	6	7	8	9	10	11
Others										
f) Spices										
Production and Management technology										
Processing and value addition										
Others										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others										
Livestock Production and Management										
Dairy Management	1	16	5	21	1		1	17	5	22
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	12		12				12		12

1	2	3	4	5	6	7	8	9	10	11
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products										
Others: a) Preparation of vermicompost										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others										

1	2	3	4	5	6	7	8	9	10	11
Plant Protection										
Integrated Pest Management										
Integrated Disease Management	2	22	2	24	16		16	38	2	40
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others a) Apiculture										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others -1. Recent technologies in aquaculture	1	25	2	25	9		9	34	2	36
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										

1	2	3	4	5	6	7	8	9	10	11
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										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**13**	**191**	**114**	**303**	**51**	**33**	**84**	**244**	**145**	**389**

Training of Farmers and Farm Women 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
1	2	3	4	5	6	7	8	9	10	11
Crop Production										
Weed Management	1	19		19				19		19
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	17	5	22				17	5	23
Soil and Water Conservation										
Integrated Nutrient Management	1	9		9	2		2	11		11
Production of organic inputs										
Others a) seed treatment	2	29		29	6		6	35		35
f) Mechanized transplanting in paddy	1	10	2	12				10	2	12
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	2	3	4	5	6	7	8	9	10	11
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others : a) Integrated nutrient management in banana										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others										
d) Plantation crops										
Production and Management technology	1	45		45	5		5	45	5	50
Processing and value addition										
Others										
c) Intercropping in coconut and arecanut										
d) Green manuring										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others										

1	2	3	4	5	6	7	8	9	10	11
f) Spices										
Production and Management technology										
Processing and value addition										
Others										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management	1	14	1	15	2	1	3	16	2	18
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops	3	32	8	40				32	8	40
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others										
Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management										

1	2	3	4	5	6	7	8	9	10	11
Feed and Fodder technology	**1**	**32**		**32**				**32**		**32**
Production of quality animal products										
Others										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others										
Plant Protection										

1	2	3	4	5	6	7	8	9	10	11
Integrated Pest Management	2	25	1	26	7		7	32	1	33
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										

1	2	3	4	5	6	7	8	9	10	11
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										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**14**	**232**	**17**	**249**	**22**	**01**	**23**	**249**	**23**	**272**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										

1	2	3	4	5	6	7	8	9	10	11
Rabbit farming										
Poultry production										
Ornamental fisheries	1	2	5	7	1	2	3	3	7	10
Composite fish culture	1		19	19		9	9	19	9	28
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Others.										
IV. Preparation for UAS and UAHS practical exams	2	106	76	182	3	7	10	107	83	190
V. Ex- trainees sammelan for FOCT trainees	1	45		45	19		19	64		64
VI. Soil and water conservation	1	5	5	10	3	2	5	8	7	15
TOTAL	**06**	**158**	**105**	**163**	**26**	**20**	**46**	**201**	**106**	**307**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application	1	12	7	19	2		2	14	7	21
Management in farm animals										
Livestock feed and fodder production	1	15	5	20	12	2	14	27	7	34
Household food security										
Any other a) Safe use of pesticide	1	30		30				30		30
b) Technology transfer mechanism in Animal science	1	8	12	20	6	5	11	14	17	31
c) Biofuel training to gram panchayath officials and elected members										
d) ICM in plantation crop										
e) Inland aquaculture										
Total	**04**	**65**	**24**	**89**	**20**	**07**	**27**	**85**	**31**	**116**

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	21		21	4		4	25		25
Integrated Nutrient management	1	21		21	9		9	30		30
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 a) Integrated farming system										
Total	**02**	**42**	**--**	**42**	**13**	**--**	**13**	**55**	**--**	**55**

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	2	3	4	5	6	7	8	9	10	11	12
1	**Crop production and management**										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	**Production and value addition**										
2.a.	Dryland horticulture	1	50	1	51	2		2	52	1	53
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 :**										
	a) Apiculture	1	1	30	31		7	7	1	37	38
	b)Management of horticulture crops in delayed monsoon	1	8		8	4		4	12		12
7	**Post harvest technology and value addition**										
7.a.	Processing and value addition										
7.b.	Others										
8	**Farm machinery**										
8.a.	Farm machinery, tools and implements										
8.b.	Others										
9.	**Livestock and fisheries**										
10	**Livestock production and management**										
10.a.	Animal Nutrition Management	2	40		40				40		40
10.b.	Animal Disease Management	1	37	2	39	11		11	48	2	50
10.c	Fisheries Nutrition										
10.d	Fisheries Management										
10.e.	Others : Livestock based employment opportunity	1	49	11	60		2	2	49	13	62
10.f	Profitable dairying through group action	3	112		112				112		112
10.g	Integrated dairying and vermicompost	1	14	3	17	12	1	13	26	4	30

1	2	3	4	5	6	7	8	9	10	11	12
11.	**Home Science**										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women										
11.c.	Drudgery reduction of women										
11.d.	Others										
12	**Agricultural Extension**										
12.a.	Capacity Building and Group Dynamics										
12.b.	Others : 1.Group formation	1	20		20				20		20
	2. Protection of Plant Varieties and Farmers Right Act	3	95	14	109	2		2	97	14	111
	Total	**15**	**426**	**61**	**487**	**31**	**10**	**41**	**457**	**71**	**528**

Details of sponsoring agencies involved

1. KSBDB, Bangalore
2. CDB , Bangalore
3. Zilla Panchayath , Davangere
4. Department of Horticulture, Davangere
5. IVRI, Bangalore
6. NABARD, Davangere
7. PPV & FRA, New Delhi
8. National Council of Rural Institutes, Hyderabad.
9. VS & AH, Davangere.
10. Bapuji Polytechnich, Davangere.

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	2	3	4	5	6	7	8	9	10	11	12
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										
2	**Post harvest technology and value addition**										
2.a.	Value addition										
2.b.	Others										
3.	**Livestock and fisheries**										
3.a.	Dairy farming										
3.b.	Composite fish culture										
3.c.	Sheep and goat rearing										
3.d.	Piggery										
3.e.	Poultry farming										
3.f.	Others										
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										
4.d.	Rural Crafts										
4.e.	Seed production										
4.f.	Sericulture										
4.g.	Mushroom cultivation										
4.h.	Nursery, grafting etc.										

1	2	3	4	5	6	7	8	9	10	11	12
4.i.	Tailoring, stitching, embroidery, dying etc.										
4.j.	Agril. para-workers, para-vet training										
4.k.	**Others:** Coconut climbing and plant protection	1	15		15	5		5	20		20
5	**Agricultural Extension**										
5.a.	Capacity building and group dynamics										
5.b.	Others										
	Grand Total	**01**	**15**	**--**	**15**	**05**	**--**	**05**	**20**	**--**	**20**

V. Extension Programmes

Extension Programmes (including extension activities undertaken in FLD programmes)

Activities	No. of Activities	No. of Participants		
		No. of Farmers	No. Extension Personnel	Total
Field Day	10	332	26	358
Kisan Mela	04	More than 2 Lakh farmers		
Exhibition	02	3500	8	3508
Film Show	24	650	75	725
Method Demonstrations	03	150	--	150
Farmers Seminar	01	22	--	22
Farm Science Club (DDFA)	12	240	--	240
Group meetings	05	166	48	214
Lectures delivered as resource rersons	80	5929	316	6245
Newspaper coverage	86	--	--	--
Radio talks	05	--	--	--
TV talks	17	--	--	--
Popular articles	03	--	--	--
Scientific visit to farmers field	138	690	37	727
Farmers visit to KVK	1402	1836	62	1898
Diagnostic visits	43	188	49	237
Exposure visits	03	41	--	41
Ex-trainees Sammelan	01	64	--	64
Soil test campaigns	03	62	--	62
World Kitchen Garden Day	01	140	--	140
World Food Day	01	52	--	52
International Mother Earth Day	01	10	--	10
World Environmental Day	01	46	--	46
Kissan Samman Divas	01	19	--	19
Women in Agriculture Day	01	63	02	65
National Fish Farmers Day	01	36	07	43
Bi-Monthly workshop	06	--	350	350
Agriculture Technology Week	01	700	44	744
Total	**1856**	**14936**	**1024**	**15960**

Details of other extension programmes

Particulars	Number
Electronic Media	01
Extension Literature	04
News Letter	04
News paper coverage	86
Technical Articles	05
Technical Bulletins	--
Technical Reports	--
Radio Talks	05
TV Talks	17
Total	**122**

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
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Drumstick	PKM-1	--	0.03		25
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Green manure	Sunhemp	Local		02		10
	Velvet beans	*Mucuna Spp.*		0.33		11
Total			**--**	**2.33**		**46**

Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers
1	2	3	4	5	6	7
Commercial	--	--	--	--	--	--
Vegetable seedlings	Drumstick	PKM-1	--	1886	16529/-	55
Fruits	Mango	Alphaso	--	146	5110/-	12
	Sapota	Cricket ball	--	32	1440/-	06
	Guava	L-49	--	04	260/-	02
	Lime	Local	--	963	24761.8	85
Ornamental plants						
Medicinal and Aromatic	Aloevera	Local	--	01	20/-	04
Plantation	Arecanut	Thirthahalli Local	--	312	5303.4/-	14
Spices	Curry leaf	Local	--	03	55/-	02
Tuber	--	--	--	--	--	--

1	2	3	4	5	6	7
Fodder crop saplings	Fodder slip	CO-3 & DHN-6	--	10500	4950	31
Forest Species	--	--	--	--	--	--
Total				**13847**	**58429.20/-**	**211**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity (Kg)	Value (Rs.)	Number of farmers
Bio Fertilizers	Azolla	50.75	1015/-	31
Bio-pesticide	--	--	--	--
Bio-fungicide	*Trichoderma*	586	58600/-	128
Bio Agents	Eathworm	113.35	28337.50/-	47
Others	Vermicompost	35213	170740.8/-	198
	Banana Special	2568	385200/-	726
	Vegetable Special	28	4200/-	28
Total		**38559.10**	**648093.30/-**	**1158**

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers
1	2	3	4	5
Dairy animals				
Cows				
Buffaloes				
Calves				
Others				

1	2	3	4	5
Poultry				

Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others				
Piggery				
Piglet				
Others				
Fisheries				
Fingerlings				
Ornamental fishes	Guppies, Mollies, Sword tails	461	2770.90/-	130
Total		**461**	**2770.90/-**	**130**

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

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	1018	799	563	92500/-
Water	762	475	638	35750/-
Plant	--	--	--	--
Manure	--	--	--	--
Total	**1780**	**1274**	**1201**	1,28,250/-

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted - 01

IX. NEWSLETTER

Number of issues of newsletter published - 04 issues (2000 Copies)

X. RESEARCH PAPER PUBLISHED

Number of research paper published - Nil

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

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

----------XXXXXXX----------