UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD

ICAR KRISHI VIGYAN KENDRA , UTTARA KANNADA, SIRSI

ANNUAL REPORT 2016-17

(APRIL 2016 TO MARCH 2017)

Sr. Scientist & Head,
ICAR KRISHI VIGYAN KENDRA, UTTARA KANANDA
Banavasi Road Sirsi – 581401
KARNATAKA

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		
Krishi Vigyan Kendra Banavasi Road, Sirsi-581 401 District : Uttara Kannada State : Karnataka	Office (08384) 228411	FAX (08384) 228411	kvkuks@gmail.com	**www.kvkuttarkannada.org**

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

Address	Telephone		E mail	Web Address
	Office	**Fax**		
University of Agricultural Sciences, Krishi Nagar Dharwad -580 005	(0836) 2448512, 2447494	(0836) 2748199	deuasd@rediffmail.com	www.uasd.edu

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

Name	Telephone / Contact		
	Residence	**Mobile**	**Email**
Dr. Manjappa K.	-	9448495345	manjappasirsi@gmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as 31st March 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M / F	Discipline	Highest Qualification	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category
1	Programme Coordinator	Dr. Manjappa K.	Programme Coordinator	M	Agronomy	PhD	37400-67000	71180	02.03.2015	P	GEN
2	Scientist	Dr. Roopa S.Patil	Scientist	F	Ag. Entomology	PhD	15600-39100	31080	03.12.2008	P	GEN
3	Scientist	Sri. Shivashenkaramurthy.M	Scientist	M	Agronomy	M.Sc.	15600-39100	25050	28.11.2011	P	SC
4	Scientist	Dr. Akkamahadevi D.A	Scientist	F	Horticulture	PhD	15600-39100	26520	14.12.2012	P	2A
5	Scientist	Shri. Venkatesh L	Scientist	M	Agroforestry	M.Sc.	15600-39100	22920	05.05.2016	P	SC
6	Scientist	Dr. Shweta Biradar	Scientist	F	Home science	PhD	15600-39100	21600	17.02.2017	P	2A
7	Scientist	Dr. Santosh Shinde	Scientist	M	Animal Science	PhD	15600-39100	21600	12.04.2017	p	2A
8	Computer Programmer	Smt. Annapurna F Neeralgi	Computer Programmer	F	Computer	M.Sc.	9300-34800	16625	29.03.2010	P	SC
9	Programme Assistant	Sri.Siddappa Kannur	Programme Assistant	M	Agroforestry	M.Sc.	9300-34800		02.08.2013	P	GEN
10	Farm Manager	Dr. Praveen T Goroji	Farm Manager	M	Farm Manager	Ph.D	9300-34800	17130	13.11.2008	P	GEN
11	Accountant	Smt. Sumalatha S P	Accountant	F	Assistant	B.Sc.	16000-29600	16000	05.09.2015	P	SC
12	Stenographer	Miss. Purnima K Hirehal	Stenographer	F	Typist	MA	16000-29600	19000	12.11.2009	P	ST
13	Driver 1	Sri. Santaosh Naik	Driver 1	M	Driver (LV)	SSLC	11600-21000	11800	16.04.2015	P	SC
14	Driver 2	Vacant	Driver 2								
15	Supporting staff 1	Sri. Hazarat A Nadaf	Supporting staff 1	M	Asst. Cook cum Caretaker	7th	10400-16400	12250	02.08.2007	P	3B
16	Supporting staff 2	Vacant	Supporting staff 2								

1.6. Total land with KVK (in ha) : 6.4 ha

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	
3.	Under Crops	4.8
4.	Orchard/Agro-forestry	0.8
5.	Others(Uncultivable)	0.4

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							
2.	Farmers Hostel	NATP	2003	395.81	-	-	-	-
3.	Staff Quarters							
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1. Dairy							
	2. Vemicompost							
	3.Azolla							
	4. Fodder							
5	Fencing							
6	Rain Water harvesting system							
7	Threshing floor :							
8	Farm godown							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Motor bike KA 31 J 3307	Yamaha Crux 2002	42,850.00	26202	Good
Motor bike KA 25 EC 7562 KA 25 EC 7564	Hero Honda - Passion 2009 2009	 42,450.00 42,450.00	 22400 24330	 Good Good
Toyota Qualis Jeep KA 31M 2652	2004	5,00,000.00	275155	Good
Power Tiller	2011	145950.00	--	Good
HMT Tractor KA-31 T-2445 Trailor KA-31 T-2446	2011	357863.81 114285.72	389 Hours/liter	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Godrej copier	30-03-2001	80,234	Good condition
Stabilizer	30-03-2001	6,000	’’
Portable OHP	31-03-2001	23,920	’’
Honda make EBK 2000 generator	31-03-2001	32,800	’’
EB 833 Altimeter	25-02-2002	10,990	’’
Thomson TV 29’’ monitor	30-03-2002	28,700	’’
Thomson CD player	30-03-2002	6,500	’’
Sharp VCR	30-03-2002	12,300	’’
Computer and accessories	30-03-2003	72,513	’’
Public address system	26-02-2003	10,500	’’
Nikon Camera	29-09-2003	28,350	”
Air Conditioner for computer hall	27-09-2003	10,500	’’
Photo display frame	27-09-2003	17,000	’’
Exhibition showcase	27-09-2003	14,000	’’
Scanner	27-09-2003	3,500	’’
Sony Digital Camera	2006	13,000	Under repair
Computer HP- with accessories	31.3.2007	36,000	Good condition
Motorized screen	2008	24,000	’’
Lexmark Printer	March 2008	15,043	’’
Printer (4 in one)	31.3.2009	13,950	’’
Sony DV cam – Portable camera	Jan-2010	1,84,000	’’
Computer and accessories-HP DC-7000 series (2 Nos)	April-2010	77690	’’
Lenovo s10-3s Idea pad	4.02.2011	21600	’’
Printer- HP 1007	30-03-2011	4900	’’
Oven - Bajaj	March 2011	2,800	’’
Pepper Diconing	March 2011	18,500	’’
Generator 7.5 KVA, KIRLOSKER	January 2012	81,057	’’
Power Sprayer Single Piston	March 2012	28,000	’’
Digital Cameras Canon A 810 Canon SX 150	September 2012	5,995 9,995	’’ ’’
Digital Cameras Canon A 810 Canon SX 150	December 2012 January 2013	4,900 4,900	’’ ’’
UPS V-Guard	January 2013	6,540	’’
Grinder	January 2013	4,500	’’
Coco Butter Extractor	January 2013	44,885	’’
Ground nut Stripper (3)	January 2013	3,350	’’
Hand Refractometer	January 2013	3,807	’’
Banjo- Power operated groundnut stripper	March 2013	19474	"
HP Laptop	Jan-2014	52000	"
Sugarcane eye bud chipper	March 2014	4000	"
Power Safe UPS	March-2014	2250	"
Printer	July-2014	18500	"
Projector	July-2014	45000	"
Digital copier	July-2014	162518	"
UPS 650 VA	September 2014	1600	"
Iball baton Model	December - 2014	2150	"
UPS 1.5 KV	January 2015	31122	"
Portable bag sticher	December 2014	4800	"
Biometric	January 2015	14533	"
Laser Printer	January 2015	8600	"
Laser Printer	March 2015	8600	"
UPS 650 VA	March 2015	2250	"
KVA Stabilizer	2016	4537	Good condition
LG Air conditioners	2016	34253	Good condition
V Guard Stabilizer	2016	2000	Good condition
Sukum 2kva 24v UPS	2016	15,000	Good condition

150AH Hi-Power tabular battery	2016	13,800	Good condition
Logitech R400 Presenter	2016	4400	Good condition
16 GB H.P. Pen drive	2017	500	Good condition
Pocket projector	2017	42937	Good condition
SMPS Unit	2017	11450	Good condition
1.0 T.B. Seagate Hard disc	2017	49000	Good condition
HP LaserJet 128FN Printer	2017	17650	Good condition
Canon lide 120 scanner	2017	4500	Good condition
Double Stevenson screen box	2017	21250	Good condition
Exide MRed 700 L	2017	5900	Good condition
Acer Veriton Computer	2017	1,19,100	Good condition
Shedder	2017	49,820	Good condition
Exide XP 800 Battery	2017	5,900	Good condition

1.8. A). Details SAC meeting conducted in 2009-10

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1	**10.06.2016**	22	05	KVK News Letter should be published on time incorporating technical information. Should be sent to all the registered farmers and also the farmers who visit the kvk.	Is being done
				Information on Custom Hiring centres established through Yantradhare Programme should be given to farmers	The information is given to farmers during training programmes and other extension activities.
				Awareness regarding rain water harvest and judicial use of water should be created among farming community.	A seminar on rain water harvest and judicial use of water was organized in Madhuravalli village of Sirsi Tq. Also information was disseminated through training programmes and guest lectures.
				Information about exact requirement of water and fertilizer for plants need to be prepared and should be given to farmers.	The information is given to the farmers.
				Technology on organic paddy cultivation developed by KVK, Sirsi is to given to farmers through Traditional Agriculture Programmes by KSDA	The complete package of organic paddy cultivation technology is given to KSDA official during Bimonthly Workshop and to farmers during trainings.
				Training programmes on Value addition of Banana should be organized in collaboration with COH, Sirsi	Will be taken up.
				NABARD is sponsoring FPOs in Siddapur and Banavasi blocks , KVK should strengthen these FPO with technical backstopping and information.	Visits are made to FPO at Banavasi, need based technical guidelines are being given. Participated and given suggestion in 4 advisory committee meetings organized by Manuvika NGO, Pragati, Madhukeshwar FPOs and KSDA Sirsi.

				As KVK has completed 19 years, proposal for the Best KVK Award should be sent.	Under Process
				Group of landless youths should be formed and encourage to take up Paddy Transplanting through Machine as an enterprise following the example of KVK, Mallapuram.	Two youth groups are encouraged to take up this venture.
				The performance of SWTL is good, actions may be taken to make it better.	AAS is established for analyzing micronutrients.
				Quality seed production programme of paddy should be taken up under RF	Seed production of Paddy (Foundation, Breeder, TL) of Abhilash, Intan are taken up in Instructional Farm during Kharif.
				Cardmom wilt is a major disease , KVK should provide information on suitable control measures.	The information is given to farmers through trainings, diagnostic visits.

PART II - DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	**Rainfed area** : Paddy- Pulses/Ground nut, Maize- Pulses, Areca nut and Coconut based multi cropping system **Irrigation**: Paddy –Paddy, Sugarcane, Paddy –Maize, Areca nut and Coconut based multi cropping system
2	Non Timber Forest Produce, Fisheries and Dairy

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

S. No	Agro-climatic Zone	Characteristics
1	Zone – 9	Hill Zone Rainfall : 2500 mm Soils : sandy loam, laterite, clay loam & medium black Major crops : Paddy, Maize & pulses cotton, arecanut based mixed crops of spices.
2	Zone – 10	Coastal Zone Rainfall : 3500 mm. Soils : Sandy soils, laterite, costal alluvial, sandy loam. Major crops : paddy, groundnut, pulses and arecanut based cropping system.

S. No	Agro ecological situation	Characteristics
1	Coastal ecosystem	High to very high rainfall more than 3500 mm, hot and humidity climate with highly leached sandy soils with low & high pH (Sodium salts).
2	Hill zone ecosystem	Rainfall ranges from 2500 to 3000 mm, with valleys and low hills. Major area covered is forest and dominated by laterite soils.
3	Transitional ecosystem	Rainfall ranges from 800-1500 mm. dominated by plains and rolling hills. Soils vary from red loam to medium black soils.

2.3 **Soil type/s**

S. No	Soil type	Characteristics	Area in ha
1	Lateritic soils	Deep, well drained to excessively drained, yellowish red to dark reddish brown, sandy loam to sandy clay and clay surface soils and clay subsoil's, moderate to severely eroded with surface crusting.	36332
2	Coastal laterite soil	Deep, well drained to excessively drained, dark brown to yellowish red and dark reddish brown, sandy clay loam to clay loam surface soils and sandy clay to clay subsurface soils, moderately to severely eroded with surface crusting.	
3	Coastal alluvial soils	Deep, well drained and poorly drained, pale brown to dark yellowish brown, sand, sandy loam to loam surface soils and sand to loam subsurface soils.	
4	Red gravely clay soils	Deep and shallow, well drained to excessively drained, yellowish brown dark red to reddish brown, gravely sandy loam to sandy clay loam and loamy sand surface soils and no calcareous cracking clay to silty clay soils, moderately to severely eroded.	144589
5	Red clay soils	Deep to moderately deep and hallow, well drained, brown to yellowish red to reddish brown, sandy loam and sandy clay to clay subsurface soils, moderately to severely eroded.	552877
6	Forest soils (Brown forest soil)	Deep to moderately, Deep, well drained to excessively drained, dark brown to dark yellowish brown and black sandy clay to sandy clay loam, humus rich surface soils and clay to sandy clay, gravely sandy clay to clay sub surface soils, moderately to severely eroded.	291679
7	Medium black soils	Shallow, well drained grey to dark grey and brown clay loam and silty clay loam.	

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

S. No	Crop	Area (ha)	Production (tons)	Productivity (kg /ha)
1	Paddy	66147	188895	3006
2	Maize	4576	24692	5680
3	Blackgram	3844	204	555
4	Greengram	451	106	244
5	Groundnut	1950	3065	1655
6	Cotton (Bales)	960	1652	308
7	Sugarcane	6519	693621	112
8	Arecanut	17912	43864.88	2450
9	Coconut (lakh nuts)	7784	1365	0.18 (lakh nuts)
10	Blackpepper	774	325	420
12	Ginger	372	9672	2600
13	Cardamom	528	132	250
14	Cashew	3380	7364	2182
15	Banana	2911	90297	31020
16	Mango	2514	46540	18510
17	Pineapple	441	32820	74420

Source : * Uttara Kannada at a Glance 2015-16 by Statistical Department , Karwar (Agriculture crops)
* Office of DDH, Dept. of Horticulture, Sirsi (Horticulture crops) 2014-15

2.5. Weather data

Month	Rainfall (mm)	*Temperature ^{0} C		*Relative Humidity (%)	
		Maximum	Minimum	Morning	Evening
Jan 2016	1.83	30.7	11.7	78	74
Feb 2016	0.46	33.0	16.2	84	45
March 2016	0.66	34.9	19.3	83	46
April 2016	1.55	35.5	21.5	85	61
May 2016	54.85	34.3	21.2	86	60
June 2016	774.54	28.3	20.1	89	81
July 2016	666.79	26.2	21.1	91	87
August 2016	466.13	26.3	20.8	93	89
Sept 2016	70.89	26.8	20.1	89	81
Oct 2016	105.16	29.9	17.7	84	66
Nov 2016	14.63	31.7	13.8	75	65
Dec 2016	2.24	30.9	11.8	76	62

* District Rainfall Data : KSDA,Karwar , * Temperature and Relative Humidity : Source Weather Station, KVK,Sirsi

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

Category	Population	Production	Productivity
Cattle			
Crossbred	47167	59679 thousand ltrs	
Indigenous	289788		
Buffalo	87816		
Sheep			
Crossbred	234		
Indigenous	4549	2491 tonnes (Meat)	
Goats	8961		
Pigs			
Crossbred	469		
Indigenous	1022		
Rabbits	508		
Poultry			
Hens	537037	287.31 lakh eggs	
Desi			
Improved			
Ducks			
Turkey and others			

*Uttara Kannada at a Glance 2013-14 by Statistical Department , Karwar

Category	Area	Production	Productivity
Fish		109818.28 Tones	
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

*Uttara Kannada at a Glance 2015-16 by Statistical Department , Karwar

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

2.8 Details of Operational area / Villages

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Sirsi	Banavasi	Gudnapur, Yedurbail Kanakoppa, Halasinakoppa, Byagadde, Santolli, Marigundi, Achanalli, Rangapur, Badanagod, Kalli, Tattaguni, Ashisar	Paddy Maize IFS Blackpepper Arecanut	• Poor soil fertility • Blast in Paddy • Leaf folders, stem borer, ear head bug in Paddy • Nutrient deficiency • Water shortage in Summer • Weeds	ICM Varietal Introduction
		Kenchagadde	Kenchagadde Kyadigemane	Paddy, Arecanut, Black pepper Banana , Dairy farming	• Low yield in paddy • Berrydrop in blackpepper	INM
2	Mundagod	Malagi	Pala, Bhadrapur, Malagi, Kalakoppa, Malagi Chavadalli Teginakoppa Mudsali Chigalli	Paddy MPTs Maize Black gram Greengram	• Pests & Diseases in Maize • Sucking pests in pulses • Nutrient deficiency • Mango pests and diseases • Mango flower and fruit drop	ICM in Black gram, greengram under CFLD ICM in mango
3	Yellapur	Manchikeri	Manchikeri , Ummachagi, Somanalli Bellamane, Kenchalli, Nandisar	Paddy, Black gram Arecanut Blackpepper Banana	• Nutrient deficiency in arecanut • Nutdrop and splitting • Wilt in black pepper • Banana leaf roller	ICM IPM
		Kiruvatti	Kiruvatti	*Bt.* Cotton	• Pest and disease of cotton • Square and flower drop	ICM in *Bt.* Cotton
4	Ankola	Ankola	Agasuru, Sagadageri	Groundnut	• Poor soil fertility • Poor peg penetration • Leaf miner, spodoptera	ICM

5	Kumta	Holanagadde	Holanagadde, Deevalli Santagullu, Soppnahosalli, Basolli, Badal	Groundnut Cashew	• Poor soil fertility • Poor peg penetration • Leaf miner, spodoptera • CSRB , Tea mosquito bug • Die Back disease	ICM in Groundnut & IPM in Cashew
5	Siddapur	Bidrakan	Bidrakan, Chatnalli	Arecanut, Banana, Paddy, Pulses	• No knowledge on lac cultivation	
6	Honnavar	Haladipur	Haladipur,	Groundnut	• Poor soil fertility, Nutrient deficiency ,Stem borer, Root rot in Maize, Mango hoppers, Flower and fruit drop in Mango	ICM
7	Haliyal	Sambrani	Sambrani, Shivapur	Sugarcane	• Poor tillering • Low cane weight • Woolly aphid • Low yield	Suitable planting methods

2.9 Priority thrust areas

S. No	Thrust area
1	Integrated Crop Management
2	Integrated Nutrient Management
3	Integrated Pest Management
4	Farm Mechanization
5	Integrated Disease Management
6	Integrated Weed Management
7	Soil and Water conservation
8	Organic Farming
9	Integrated Farming system
10	Income Generating activities

PART III - TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
05	05	29	29	10	10	105	106

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
106	39	2920	1060	327	1412	107560	1901

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
200	302	7000	8808

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
		5 kg (IBA)	1.4 kg

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

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
01	Integrated Crop Management	Paddy	Water scarcity during summer Poor Soil Fertility Blast, Stem borer, Leaf Folder, Earhead bug Depletion of organic matter	KMP 105 short duration paddy variety as a contingent crop plan for late Kharif	ICM in Paddy (PSB-68) in low lands of Uttara Kannada District	06	02		FV: 16 DV: 16 GL : 21	KMP: 1 Diancha: 1.5 PSB: 3.75	-	-		PSB : 7.5 Azospirillum: 7.5
		Maize	Water shortage, depleting organic carbon,		ICM in Maize	02	-	-	FV: 6 DV: GL: 07	-	-	-	-	-
		Groundnut	Poor peg penetration, poor fertility, poor yield, Spodoptera, Leaf Miner, Collar rot.		ICM in groundnut	01	-	-	FV: 02	GPBD-4 : 3	-	-	-	Rhizobium: 5 PSB: 5 Trichoderma: 1
		Bt. cotton			ICM in *Bt.* cotton	01	-	-	FV : 03	Arka Anamike Bhendi : 5 kg	-	-	-	-
		Blackgram	Low yield, poor fertility, sucking pest and powdery mildew		ICM in blackgram (CFLD)	08	-	-	FV: 6 GL: 05	DU-1: 2.2 q DBGV-5: 1.8 q	-	-	-	PSB:35 kg Rhizobium: 35 kg Trichoderma: 2.5 kg
		Greengram	Low yield, poor fertility, sucking pest and powdery mildew		ICM in greengram (CFLD)	08	-	-	FV: 6 GL:05	DGGV-2: 5.25	-	-	-	PSB:35 kg Rhizobium: 35 kg Trichoderma: 2.5 kg

		Sugarcane	Poor tillers, Less cane weight and Low yield	Assessment of Planting Methods in Sugarcane		-	-	-	FV : 04 DV :04 GL: 02	-	-	-	-	-
		Arecanut	Nut splitting, dropping, rootgrub & koleroga		ICM in Arecanut	01	-	-	FV: 11 DV:20 GL: 09	-	-	-	-	Metarhizium : 120
		Mango	Flower drop, Leaf hoppers, MSDA,Fruitfly ,Low yield		Enhancing fruit set and yield in Mango	01	-	-	FV: 02	-	-	-	-	-
02	Integrated Pest & Disease Management	Black Pepper	Death of vines due to foot rot, Berry drop	Management of berry drop in Blackpepper	Foot rot Management in Black Pepper	03	-	-	FV: 13	-	-	-	-	Trichoderma: 60 kg
		Cashew	TMB & CSRB		IPM in Cashew	01	-	-	FV: 02	-	-	-	-	-
		Banana	Leaf roller	Assessment of green labeled insecticides for management of Banana Leaf Roller		-	-	-	FV: 02 DV : 03	-	-	-	-	-
03	Agroforestry	Appemidi Mango, Kokum, Jack, Guinea grass	Betta lands		Multipurpose trees on bund/boundary/bett aland planting as shelter/fodder and additional source of income	-	-	-	FV: 08 GL: 01	-	Redsanders: 100	-	-	-
04	Income generation	Lac		Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District		-	-	-	FV: 22	1	-	-	-	-
05	IFS	IFS		Integrated Farming System					GL : 09		Blackepper :1000 Marigold : 4000			

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
01	Production Technology of Field crops	UASD	Paddy, Maize, Groundnut, Sugarcane, Bt. Cotton, Blackgram, Greengram	01	04	20	Awareness Programme : 01 Guest Lectures:30
02	Varietal introduction	UASD, UASB, IIHR	Paddy	01	-	00	Guest Lectures :13
03	Production technology of Horticultural Crops	UASD	Arecanut Mango	0	02	02	Guest Lecture:8
04	Plant Protection	DCR(Puttur),UASD	Blackpepper, Cashew, Arecanut, Banana	02	02	04	Guest Lecture:14
05	Agroforestry	UASD & Karnataka Forest Department	Multi Purpose Trees	-	01	0	Guest Lecture:01
06	Income Generation	IINRG, Rachi	Lac	01	-	-	Guest Lecture:01
07	Spices	KAU, Thrissur	Blackpepper	01	-	03	

3.B2 contd..

	No. of farmers covered															
	OFT				FLD				Training				Others (Specify)			
	General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	9	10	11	12	13	14	15	16	17	18	19	20	22	23	24	25
1	3	0	0	0	48	0	01	0	402	69	01	04	1111	354	229	128
2	08	0	02	0	0	0	0	0	0	0	0	0	553	197	128	14
3	0	0	0	0	25	0	0	0	17	14	0	0	278	49	53	139
4	05	0	0	0	30	0	0	0	117	33	09	0	491	155	168	0
5	0	0	0	0	03	0	02	0	0	0	0	0	31	16	10	0
6	03	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0
7	05	0	0	0	00	0	0	0	104	16	9	0	0	0	0	0

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						01				**01**
Integrated Crop Management				01						**01**
Integrated Farming System										
Seed / Plant production										
Income Generation (Lac)				01						**01**
Total	**01**			**02**		**01**		**01**		**05**

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

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

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

4.B. Achievements on technologies Assessed and Refined :

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Varietal Evaluation	Paddy	KMP-105 short duration paddy variety as contingent crop for late kharif	10	10	0.4
Integrated Pest Management	Banana	Assessment of green labeled insecticides for management of Banana leaf roller	05	05	- *
Income Generation	Lac	Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District	06	06	- **
Nutrient Management	Black pepper	Management of berry drop in Blackpepper	05	05	25 vines
Production Technology	Sugarcane	Assessment of Planting Methods in Sugarcane	03	03	0.4
Total			**29**	**29**	

*** Banana is a intercrop in areca garden. ** lac is grown on kusumi trees in the betta lands**

4.B.2. Technologies Refined under various Crops – NIL

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

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

4.C1. Results of Technologies Assessed

Results of On Farm Trial

1. Results of On Farm Trial :01

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	Rainfed	Delayed planting due to flood/delayed monsoon	KMP-105 short duration paddy variety as contingent crop for late *kharif*	**10**	Paddy Variety KMP 105 for late Kharif	Yield	45.37 q/ha	Variety performed well than MTU 1010, Rasi for Late Kharif and is tolerant to pests and diseases	Farmers expressed their good opinion on KMP-105 variety, for its • Short duration, • Higher Yield, • Tolerance to Blast, Stem borer infestation • Good quality of the Rice .	-	-

Contd..

Technology Assessed	**Source of Technology**	**Production**	**Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)**	**Net Return (Profit) in Rs. / unit**	**BC Ratio**
13	**14**	**15**	**16**	**17**	**18**
TO1: MTU 1010		30.38	q/ha	22274	1.73
TO2: Rasi	UAS Dharwad	39.0	q/ha	33840	2.06
TO3: KMP 105	UAS Bangaluru	45.37	q/ha	41258.5	2.16

2. Results of On Farm Trial :02 Assessment of Green Labeled insecticide for management of Banana leaf roller

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 (as mixed crop in arecanut)	Rainfed	Leaf roller	Assessment of Green Labeled insecticide for management of Banana leaf roller	05	Spraying of Flubendiamide 48 SC @ 0.1 ml/l Spraying of Neemazal 100000 ppm @ 1 ml/l	Yield	(q/ha)	112.50 113.00	• Incidence of leaf roller was very less •Predation by crows was observed • Application of insecticide not required	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
TO1: No spray	-	112.10	q/ha	139780	3.25
TO2: Flubendiamide 48 SC @ 0.1 ml/l	KAU Kerala for paddy leaf roller	112.50	q/ha	136900	3.09
TO3: Neemazal 10000 ppm @ 1 ml/l	-	113.00	q/ha	139000	3.19

3. Results of On Farm Trial :03 Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District

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
Lac	Rainfed	Lack of information on suitable inoculation period and yield attributes in Uttar Kannada district	Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District	06 (3 trials and 2 inoculation seasons)	1. **Inoculation during rainy** (Aghani) **season** 2. **Inoculation during summer (Jethwi) season**	Lac yield Eublema and pseudohyphatopa infestation (%)	Input:Output ratio %	Rainy crop vitiated Summer crop results are awaited	*Failure of rainy crop due to poor crawler emergence. *Lac cultivation is not remunerative as the price of lac is very low i. e. 120 Rs/Kg. *Time of inoculation of brood lac is very less and also shelf life of brood lac is very less. *Systematic application of timely sprays against predators and pathogens is very important	Data should be generated on various aspects of lac insect biology, associated natural enemies, influence of weather factors on lac cultivation etc. in Uttar Kannada district	Since the agro ecological situation of Uttar Kannada district is highly different from Ranchi, Jharkhand conditions, systematic studies are required.

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
To:1 Nil					
TO2: Inoculation during rainy season	IINRG Ranchi	Vitiated due to poor crawler emergence	-	-	-
TO3: Inoculation during summer season	IINRG Ranchi	Results are awaited	-		

4 Results of On Farm Trial :04 Assessment of Planting Methods in Sugarcane

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
Lac	Rainfed	Low yield	Assessment of Planting Methods in Sugarcane	03	1. Planting at 60 - 120 -60 cm (Paired row system) 2. Pit method (90 X 45 cm spacing and Pit size 100 cm X 100 X 45 cm)	Yield	tonnes/ha	-	-	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
TO 1: Planting at 75 cm spacing		Vegetative Stage			
TO 2: Planting at 90 cm	UASD	Vegetative Stage			
TO 3: Planting at 60 - 120 -60 cm (Paired row system)	UASD	Vegetative Stage			
TO 4: Pit method (90 X 45 cm spacing and Pit size 100 cm X 100 X 45 cm)	UASD	Vegetative Stage			

5. Results of On Farm Trial : 05 Management of berry drop in Blackpepper

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
Black pepper	Protected irrigation	Berry and spike drop, Low yield		05	DAP 1.5% spray & NAA @ 25 ppm at berry set and fruit development stage respectively NAA @ 40 ppm at berry set and fruit development stage	% Reduction in Berry drop	%	94.2 90.4	DAP+NAA is better combination for reducing berry drop	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO1: No spray		10.6	q/ha	483500	8.70
TO2: DAP 1.5% spray & NAA @ 25 ppm at berry set and fruit development stage respectively	TNAU, Coimbatore	11.3	q/ha	563859.7	9.78
TO3: NAA @ 40 ppm at berry set and fruit development stage	KAU, Thrissur	11.2	q/ha	551666.7	8.83

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

OFT -1

1 Title of Technology Assessed : Variety KMP 105 for late Kharif

2 Problem Definition : Delayed planting due to flood caused by heavy rains

3 Details of technologies selected for assessment: Short duration paddy variety KMP 105 for late sowing in kharif

4 Source of technology : UAS Bangaluru

5 Production system and thematic area : Rainfed, Varietal evaluation

6 Performance of the Technology with performance indicators: Good grain yield 45 q/ha as compared with other options.

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

8 Final recommendation for micro level situation: The variety is suitable for late Kharif sowing in the month of last week of July or First week of Aug.

9 Constraints identified and feedback for research : -

10 Process of farmers participation and their reaction: field visit, trainings, phone calls. Good opinion about the yield and quality of rice.

OFT -2

1 Title of Technology Assessed : Assessment of green labeled insecticides for management of banana leaf roller

2 Problem Definition : Banana leaf roller

3 Details of technologies selected for assessment: Spraying of Flubendiamide 48 SC @ 0.1 ml/l &
Spraying of Neemazal 10000 ppm @ 1 ml/l

4 Source of technology : KAU,Kerala

5 Production system and thematic area : Irrigated, Pest Management

6 Performance of the Technology with performance indicators : -

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques: Incidence of leaf roller was very less, Predation by crows was observed, no sprays were required against leaf roller

8 Final recommendation for micro level situation: Nil

9 Constraints identified and feedback for research : Since the incidence of leaf roller is highly sporadic as per three years observations, studies on seasonal incidence, correlation with weather factors, associated natural enemies, yield loss has to be done systematically

10 Process of farmer's participation and their reaction: Field visits, method demos, phone calls. During 2016-17 season farmers didn't shown any interest in leaf roller management.

OFT -3

1 Title of Technology Assessed : Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District

2 Problem Definition: Lack of information on suitable inoculation period and yield attributes in Uttar Kannada district

3 Details of technologies selected for assessment: Inoculation of kusum strain brood lac in rainy season (Aghani) and summer (Jethwi) season.

4 Source of technology: IINRG, Ranchi

5 Production system and thematic area : Additional Income Generation

6 Performance of the Technology with performance indicators: -

7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques: -.Farmers are not interested in lac cultivation since the price of lac is very low i.e., 120 Rs/Kg, Time of inoculation of brood lac is very less and also shelf life of brood lac is very less. Systematic application of timely sprays against predators and pathogens is very important

8 Final recommendation for micro level situation: -

9 Constraints identified and feedback for research : - Systematic studies on lac cultivation in Uttar Kannada district has to be done. Data should be generated on various aspects of lac insect biology, associated natural enemies, influence of weather factors on lac cultivation etc.

10 Process of farmers participation and their reaction: Field visit, Phone calls, method demos. About 75 per cent of the farmers of Uttar Kannada district have stopped practicing lac cultivation.

OFT - 4

1. Title of Technology Assessed : Assessment of planting methods of Sugarcane

2 Problem Definition : Poor tillers, Less cane weight and Low yield

3 Details of technologies selected for assessment: Planting at 60 - 120 -60 cm (Paired row system) & Pit method (90 X 45 cm spacing and Pit size 100 cm X 100 X 45 cm)

4 Source of technology: UAS, Dharwad

5 Production system and thematic area : Irrigated and production technology

6 Performance of the Technology with performance indicators: on going

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

8 Final recommendation for micro level situation: on going

9 Constraints identified and feedback for research: High cost for pit digging, need mechanization

10 Process of farmers' participation and their reaction: Field visits, trainings and expressed good opinion on present stage.

OFT - 5

11 Title of Technology Assessed : Management of berry drop in Blackpepper

12 Problem Definition : Berry and spike drop, Low yield

13 Details of technologies selected for assessment: DAP 1.5% spray & NAA @ 25 ppm at berry set and fruit development stage respectively and NAA @ 40 ppm at berry set and fruit development stage

14 Source of technology: TNAU, Coimbatore and KAU, Thrissur

15 Production system and thematic area : Protected irrigation, Production

16 Performance of the Technology with performance indicators: Percent reduction in Berry drop was 94.2 in TO2 (DAP 1.5% spray & NAA @ 25 ppm at berry set and fruit development stage respectively) when compared to TO3 (NAA @ 40 ppm at berry set and fruit development stage) 90.4.

17 Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques: Farmers expressed their good opinion on spraying of DAP & NAA

18 Final recommendation for micro level situation: Spraying should be taken at berry berry set and fruit development stage respectively

19 Constraints identified and feedback for research: Nil

20 Process of farmers' participation and their reaction: field visit, trainings, phone calls. Good opinion about the quality of pepper.

4.D1. Results of Technologies Refined : -NIL-

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

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	Oilseeds	Residual Soil Moisture	Rabi/Summer	Groundnut	G2-52		Crop Production	Integrated Crop Management	4	4	0	10	10	
2	Cereals	Rainfed	Kharif	Paddy	PSB-68		Crop Production	Integrated Crop Management	6	6	01	14	15	
		Rainfed	Kharif	Maize	-	CP-818 & NK 6240	Crop Production	Integrated Crop Management	6	6	0	13	13	
3	Fruits	Rainfed	Summer	Mango	Alphanso		Crop Production	Integrated Crop Management	6	6	0	15	15	
4	Spices and condiments	Irrigated	Kharif	BlackPepper	Paniyur-1		Plant Protection	Integrated Disease Management	250 (vines)	250 (vines)	0	10	10	
5	Commercial	Rainfed	Kharif	*Bt.* cotton	-	BG-II	Plant Protection	Integrated Crop Management	4	4	0	11	11	
6	Plantation	Irrigated	Kharif	Arecanut	Local		Plantation Crops	Integrated Crop Management	4	4	0	10	10	
		Rainfed	Summer	Cashew	Local		Plantation Crops	Integrated Pest Management	2.40	2.40	0	10	10	
7	Agroforestry	Rainfed	Kharif	Callophyllum innophyllum, Melia dubia	-		Agro forestry	Planting of multipurpose forest species on bunds/betta lands	-	-	02	3	5	

5.A. 1. Soil fertility status of FLDs plots during 2016-17

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Status of soil(kg/ac)			Previous crop grown
									N	P	K	
1	Oilseeds	Residual Soil Moisture	Rabi/Summer 2015	Groundnut	G2-52	-	Crop Production	Integrated Crop Management	160	7.0	46.5	Paddy
2	Cereals	Rainfed	Kharif 2014	Paddy	PSB-68	-	Crop Production	Integrated Crop Management	96.5	8.0	40.5	Blackgram
3		Rainfed	Kharif 2014	Maize	-	NK 6240	Crop Production	Integrated Crop Management	125.0	7.5	50.0	Fallow
4	Spices and condiments	Irrigated	Kharif	BlackPepper	Paniyur-1	-	Plant Protection	Integrated Disease Management	126.5	7.8	43.5	Black pepper
5	Fruits	Rainfed	Summer	Mango	Alphanso	-	Crop Production	Integrated Crop Management	135.0	7.9	53.5	Mango
6	Plantation	Irrigated	Kharif	Arecanut	Local	-	Plantation Crops	Integrated Crop Management	126.5	7.8	43.5	Arecanut
7	Commercial crops	Rainfed	Kharif	*Bt.* Cotton	BG-II		Commercial Crops	ICM in Bt. Cotton	186.5	6.9	72.5	*Bt.* Cotton
8	Commercial crops	Irrigated	Rabi	Sugarcane		-	Crop Production	Assessment of planting methods in sugarcane	95.6	7.4	86.5	Sugarcane

5.B. Results of Frontline Demonstrations

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds																			
Groundnut	ICM in groundnut	G2-52	-	Residual moisture	10	4	21.76	20	20.68	14.30	45.1%	40626	12480	83454	3.05	33657	85824	52167	2.55
Pulses																			
Cereals	ICM in Paddy	PSB-68		Rainfed	15	6	87.4	40.4	60.17	40.09	50.09	39500	105203.5	65703.5	2.66	30900	714195	31239.5	2.01
	ICM in Maize	CP818, NK-6240		Rainfed	15	6	88.0	69.4	77.3	62.9	22.9	28600	108220	79620	3.78	25000	86487.5	61487.5	3.46
Millets																			
Vegetables																			
Ornamental																			
Fruit	Enhancing fruitset and yield in Mango	Alphanso, Panchami	-	Rainfed	15	6	Ongoing (Fruiting Stage)												
Spices and condiments	Black pepper																		
Blackpepper	Foot rot Management in Black Pepper	Panniyur-1	-	Rainfed	10	250 (vines)	13.5	9.5	11.3	10.6	7.26	58557	622416.7	563859.7	9.78	55557	527500	483500	8.70
Commercial																			
Fibre crops like cotton	ICM in Bt. Cotton		BG-II	Rainfed	11	4.0	21.50	24.20	23.75	20.63	15.12	26800	106875	80075	3.99	27550	92835	65285	3.37
Medicinal and aromatic																			
Fodder																			

Plantation																			
Arecanut	ICM in Arecanut	local		Rainfed	10	4	31.6	24.7	27.5	23.8	15.8	75340	630400	555060	8.3	69000	546020	478200	7.8
	IPM in Cashew	Local		Rainfed	10	2.40	Harvesting is under progress												
Fibre																			
Others (pl.specify)																			
Agroforestry	Multipurpose trees on bund/boundary/ Bettaland planting as shelter/Fodder and additional source of income	***Calophyllum inophyllum, Melia dubia, Sesbania grandiflora, Redsanders***	-	Rainfed	05		Ongoing												

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

FLD : ICM in Groundnut

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No. of good pods/plant (Number)	16.1	10.2
Incidence of collar rot (%)	3.1	9.5
Incidence of tikka (%)	1.1	32.0

FLD : ICM in Paddy(PSB -68)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Straw Yield (q/ha)	5.97	4.64
No. of Stem borer infested plants/m2	1.5	9.5
No. of Leaf folder infested hills/m2	2.8	32.0
No. of Ear head bug infested plants/m2	3.0	26.0
Blast Incidence (%)	3	75

FLD : ICM in Maize with special emphasis on weed and nutrient management

Data on other parameters in relation to technology demonstrated				
Parameter with unit	**30 DAS**		**60 DAS**	
	Demo	**Check**	**Demo**	**Check**
Weed Count (Number/m2)	29.4	151.5	35	154.5
WCE (%)	80.6		77.4	
Stem Borer Incidence (%)	2.08	10.85		
Stem Borer Control (%)	80.83			

FLD : Enhancing fruit set & yield in Mango

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
No. of fruits/panicle (Number)	3.5	2.4
No. of hoppers/panicle	6.1	10.6

FLD : Foot rot management in black pepper

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Foot rot incidence (%)	3.12	3.59

FLD : ICM in *Bt* Cotton

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Aphids/3 leaves	3.42	11.50
Leaf hoppers/3 leaves	1.52	3.64
Thribs/3 leaves	1.58	4.74
Shoot weevil %	Negligible	Negligible
Black arm %	2.5	3.25

FLD : IPM in *Casew*

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
TMB %	3.01	7.57
Recovery of CSRB affected trees	NIL	NIL

FLD : Promising technology to tackle nut drop and root grub in arecanut

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Check**
Number of nuts dropped /palm	10	17
% Reduction in nut drop	37%	
Nut splitting /palm	7	15
% Root grub mortality	54.5	59

5.B.2. Livestock and related enterprises –NIL-
5.B.3. Fisheries –NIL-
5.B.4. Other enterprises –NIL-
5.B.5. Farm implements and machinery : NIL

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

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	04	272	
2	Farmers Training	03	42	
3	Media coverage	0	0	
4	Training for extension functionaries	01	58	
5	Others (Field Visits)	32	134	

PART VI – DEMONSTRATIONS ON CROP HYBRIDS : NIL

PART VII. TRAINING

7.A.. Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Nutrient Management	01	35	0	35	0	0	0	35	0	35
Production Technology	04	47	18	65	0	0	0	47	18	65
Horticulture										
a) Vegetable Crops										
b) Fruits										
Grafting technologies	1	3	25	28	0	0	0	3	25	28
c) Ornamental Plants										
d) Plantation crops										
e) Tuber crops										
f) Spices										
Production Technology	1	48		48	5		5	53	0	53
g) Medicinal and Aromatic Plants										
Soil Health and Fertility Management										
Livestock Production and Management										
Home Science/Women empowerment										
Women Empowerment	1	0	16	16	0	0	0	0	16	16
Value addition	2	4	61	65	0	0	0	4	61	65
Agril. Engineering										
Plant Protection										
Apiculture	1	17	11	28	0	0	0	17	11	28
Protection Technology	2	23	14	37	0	0	0	23	14	37
Fisheries										
Production of Inputs at site										
Capacity Building and Group Dynamics										
Entrepreneurial development of farmers/youths	1	49	7	56	0	0	0	49	7	56
Agro-forestry										
Others (Pl. specify)										
TOTAL	**14**	**226**	**152**	**378**	**5**	**0**	**5**	**231**	**152**	**383**

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
Crop Production										
Integrated Crop Management	4	86	0	86	1	1	2	87	1	88
Production Technology	3	67	23	90	1	0	1	68	23	91
Weed management	1	25	10	35	0	0	0	25	10	35
Water Management	2	64	0	64	0	0	0	64	0	64
Horticulture										
a) Vegetable Crops										
b) Fruits										
c) Ornamental Plants										
d) Plantation crops										
e) Tuber crops										
f) Spices										
Nutrient Management	1	9	0	9	0	0	0	9	0	9
Production Technology	1	47	4	51	4	0	4	51	4	55
g) Fruits										
Soil Health and Fertility Management										
Livestock Production and Management										
Home Science/Women empowerment										
Women empowerment	1	0	24	24	0	0	0	0	24	24
Plant Protection										
Integrated Pest Management	6	64	9	73	0	0	0	64	9	73
Fisheries										
Production of Inputs at site										
Capacity Building and Group Dynamics										
Agro-forestry										
TOTAL	**19**	**362**	**70**	**432**	**6**	**1**	**7**	**368**	**71**	**439**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	2	42	14	56	0	0	0	42	14	56
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										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify) Introduction to KVK	02	47	29	76	0	0	0	47	29	76
TOTAL	**04**	**89**	**43**	**132**	0	0	0	**89**	**43**	**132**

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

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
Production Technology	1	39	2	41	03	0	03	42	02	44
Soil and water conservation	1	47	3	50	0	0	0	47	03	50
Total	**02**	**86**	**05**	**91**	**03**	**0**	**03**	**89**	**05**	**94**

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

7.G. Sponsored training programmes conducted :

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2 2.a.	**Production and value addition** Fruit Plants										
2.b.	Ornamental plants										
2.c.	Spices crops	02	95	16	111	09	0	09	104	16	120
3.	**Soil health and fertility management**										
4	**Production of Inputs at site**										
5	**Methods of protective cultivation**										
6	**Others (pl.specify)**										
7	**Post harvest technology and value addition**										
8	**Farm machinery**										
9.	**Livestock and fisheries**										
10	**Livestock production and management**										
11.	**Home Science**										
12	**Agricultural Extension**										
	Total	**02**	**95**	**16**	**111**	**09**	**0**	**09**	**104**	**16**	**120**

Details of sponsoring agencies involved

1. NHM

7.H. Details of Vocational Training Programmes carried out by KVKs for rural youth : NIL

PART VIII – EXTENSION ACTIVITIES

Extension Programmes (including extension activities undertaken in FLD programmes)

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No.of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	05	242	79	242	24	29	53	10	8	18
Kisan Mela	1	354	152	506	74	25	99	30	15	45
Kisan Ghosthi				0			0			0
Exhibition	5	75874	10376	86250	2222	618	2840	181	151	332
Film Show	4	125	62	187	42	10	52	8	2	10
Method Demonstrations	16	270	103	373	32	16	48	16	0	16
Farmers Seminar	1	65	25	90	15	10	25	5	0	5
Workshop	3	88	20	108	8	4	12	142	29	171
Group meetings				0			0			0
Lectures delivered as resource persons	69	5427	3351	8778	680	489	1169	515	235	750
Newspaper coverage	30			0			0			0
Radio talks	6			0			0			0
TV talks	0			0			0			0
Popular articles	12			0			0			0
Extension Literature	8			0			0			0
Advisory Services	700			0			0			0
Scientific visit to farmers field	203	722	73	795	74	10	84	230	72	302
Farmers visit to KVK	265	280	0	280	0	0	0	8	6	14
Diagnostic visits	66	268	24	292	33	2	35	64	19	83
Exposure visits				0			0			0
Ex-trainees Sammelan				0			0			0
Soil health Camp	1	60	20	80	8	4	12	8	3	11
Animal Health Camp	1	40	15	55	5	5	10	13	5	18
Agri mobile clinic				0			0			0
Soil test campaigns				0			0			0
Farm Science Club Conveners meet				0			0			0
Self Help Group Conveners meetings	1	2	8	10	0	0	0	0	1	1
Mahila Mandals Conveners meetings				0			0			0
Celebration of important days :	8	315	252	567	49	33	82	50	32	82
Interface Meeting	1	60	0	60	0	0	0	4	0	4
Awareness Programme	6	235	54	289	71	26	97	30	9	39
Total	**1412**	**84427**	**14535**	**98720**	**3337**	**1281**	**4565**	**1314**	**587**	**1901**

Details of special Extention Activities Organized:

Sl.No	Activity	Period and Duration	Venue	Partici pants	Important Activities carried during the event
01	Farmers-Bankers Meet	27.07.2016 01 day	KVK, Sirsi	64	• Officers from different financial institutions like NABARD, Lead Bank and societies participated in the interaface meeting. • All officials provided information about the financial facilities extended to farners by their institutions. • Farmers sought solutions to their problems and queries during interactions
02	Parthenium Awareness Capaign	19.08.2016 to 22.08.2016 04 days	KVK Sirsi and nearby places	53	• Eradication of parthenium weed • Release of *Zygogramma bicolorata* beetles • Creating awareness about the hazardous effects of parthenium.
03	Organic Mela	9.09.2016 01 days	COF, Sirsi	650	• First of its kind in the State • Stalls of organic products • Information on organic plant protection measures. • Information on organic cultivation Aspects of arecanutm paddy etc.
04	Swachata Phakwada	16-31 Oct 2016 15 days	Maduravalli (Sirsi Tq) Kotemane (Yellapur Tq.) Kumta Murudeshwar	120 58 60 58	• Training programs • Cleaning the premises of KVK, COF Sirsi and Govt School in Sirsi City • Awareness programs organized for students, farmers, etc. • Guest lectures for school students about health and hygiene and nutrition • Cleaning carried out at Murudeshwar tourist place of Bhatkal Tq.
05	Seminar on Water Conservation and proper use	24.10.2016 01 day	Maduravalli (Sirsi Tq.)	120	• Guest lectures on water conservation, rain water harvesting and proper use of water
06	World Soil Day & Pre Rabi Workshop	05.12.2016	Kulle (Siddapur Tq.)	108	100 Soil health card distributed Guest Lectures were organized on : 1. Importance of soil testing and soil sample collection techniques. 2. Cultivation of pulses under paddy residual moisture 3. Use of green manures in organic cultivation. Farmer Scientist Interaction

07	Farmers day celebration	23-12-2016 29-12-2016	Sirsi Manchikeri, Yellapur Tq. Mudasali, Mundagod TP, Office, Ankola Upaleshwar, Yellapur	83 51 62 150 41	Guest Lectures: Motivation of farmers toward successful agriculture Opportunities and possibilities of different crops in Uttara Kannda Contribution of farming community towards national food security Organic Farming Empowerment of Farmers through IFS
08	Workshop on Doubling the Farmers Income	30.01.2017 01 day	KVK, Sirsi	33	Organized in collaboration with NABARD Guest lectures organized on Enhancing the production and productivity of crops Opportunities of Subsidiary income generating activities in the district. IFS and its importance. Post harvest and processing. Marketing
09	Animal Health Camp	10.03.2017 01 Day	Channamavu Siddapur Tq.	85	• Guest Lectures on : Important diseases and their management, suitable breeds for the region and management of dairy animals during drought Different fodder varieties and hydrophonics technology for fodder production • Distribution of medicines and mineral mixture kit • Treatment to the animals.

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)		Hemavati		87	178350	
Total				**87**	**178350**	

*** Anticipated**

9.B. Production of planting materials by the KVKs :

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial	Blackpepper	Paniyur-1		7868	118020.00	
	Nutmeg	Selection-3		22	3080.00	
	Arecanut	SAS-1		800	12000.00	
Vegetable seedlings	Drumstick	PKM		118	1770.00	
Fodder crop saplings						
Forest Species						
Others(specify)						
Total				**8808**	**134870.00**	

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Root Hormone	IBA	1.470	36476.00	
Total				

9.D. Production of livestock materials : NIL

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

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

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

Period	Number of Copies	Authors	Remarks
April-June 2016	100	K. Manjappa, Annapurna Neeraligi, Shivashenkaramurthy M Akkamahadevi D Agasimani Venkatesh L Praveen Goroji	
July-Sept 2016	150	K. Manjappa, Annapurna Neeraligi, Roopa S Patil, Shivashenkaramurthy M Akkamahadevi D Agasimani Venkatesh L Praveen Goroji	
Oct-Dec 2016	150		

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	Per se performance and heterosis studies in gladiolus (Gladiolus hybridus Hort),	Akkamahadevi D. Agasimani and V.S. Patil,	
	Combining ability studies in gladiolus (*Gladiolus hybridus* Hort.)	Akkamahadevi D. Agasimani, V.S. Patil and K. Sridhar	
	Combining ability studies for floral characters and quality parameters in gladiolus (*Gladiolus hybridus* Hort.)	Akkamahadevi D. Agasimani, V.S. Patil and K. Sridhar	
	Evaluation and genetic parameters study in gladiolus (*Gladiolus hybridus* Hort.)	Akkamahadevi D.A. V.S. Patil and Sridhar K.	
	Per se performance studies in Gladiolus (*Gladiolus hybridus* Hort.)	Akkamahadevi D. A. and Patil V. S.	
	Enhancement of fruit set and yield in mango	Akkamahadevi D Agasimani, M.Shivashenkaramurthy, Roopa S Patil, Praveen Goroji and Siddappa Kannur	
	Management of foot rot disease in black pepper	Akkamahadevi D Agasimani, Roopa S Patil, M Shivashenkaramurthy and Praveen Goroji	
	Management of nut drop and root grub in arecanut	Akkamahadevi D Agasimani, Praveen Goroji, Roopa S Patil and Shivashenkaramurthy	
	An overview of banana red eyed skipper *Erionota thrax* (Linn)	Roopa S Patil, Akkamahadevi D Agasimani, Javaregowda, M Shivashenkaramurthy	
	Short duration rice variety KMP-105 for water scarcity area of Uttara Kannada during summer season	M.Shivashankaramurthy, Roopa Pail and Akkamahadevi D Agasimani	
	Evaluation of maize+cowpea alternate cropping system for paddy fallows	M Shivashenkaramurthy, M Praveen, T Goroji, Roopa S Patil and Akkamahadevi D	

		Agasimani	
	Achievement of productivity of 100 quintals of paddy	M.Shivashenkaramurthy, Roopa S Patil, Akkamahadevi D Agasimani and Siddappa Kannur	
	Studies of different moisture conservation techniques and integrated nutrient management on teak plantation	Venkates H.L., Chavan R.L. and Bhaskara V.	
	Exploration of lac cultivation in uttara kannada district, karnataka	Roopa S Patil	
	Ecofriendly management of Arecanut rootgrub in hilly tracts of Uttara Kannada, Karnataka	Roopa S Patil	
Technical reports			
News letters			
Technical bulletins			
Popular articles	Udanga Montana malenada kaadinalli kalgicchinante kaalitta aparoopada keeta	Roopa S Patil, Akkamahadevi D Agasimani	
	Krishiyalli Khushi Kanda Padhaveedhar-Prasad Rama Hegde	Roopa S Patil & Annapurna F Neeralgi	
	Halasina Ice Candy	Roopa S Patil	
	Krishi Aranya Yemdarenu mattu eke avashya	Venkatesh L	
	adike maddu simparanege areca pulley climber	Roopa S Patil, Annapurna Neeralgi, Manjappa K. and Praveen Goroji	
	aragu krishi -labhadayak upkasubu	Roopa S Patil & Javeregowda	
	Hainodyamanadalli Yashassu Kanda Mahile Veda Sitaram Hegde	Annapurna F Neeralgi, Roopa S Patil	
	Sasya samruddhi- Adaay Vruddhi	Roopa S Patil	
	Vaividya Krishi Jeevanadalli Khushi	Roopa S Patil	
	Udanga Montana malenada kaadinalli kalgicchinante kaalitta aparoopada keeta	Roopa S Patil, Akkamahadevi D Agasimani	
	Halasina beejada kharadani	Roopa S Patil, Akkamahadevi D Agasimani	
	Halasina beejada katlet	Roopa S Patil, Akkamahadevi D Agasimani	
Extension literature			
Folders	Hannugala moulyavardhane hagu chocolate tayarike	Rajeshwari N	
	Vana Mahotsava mattu Krish Aranya	Venkatesh L, Manjappa K. Siddappa Kannur	
	Mannina Falavattate Kapaduvalli Hasirele Gobbaragal Mahatva	Venkatesh L	
	Hebbevina Krishi Vidhanagalu	Venkatesh L Etal	
	Tegada Besaya Kramagalu	Venkatesh L Etal	
	Agarawood na upayogagalu	Venkatesh L Etal	
	Shrigandhada gida besaya kramagalu	Venkatesh L Etal	
	Hunase Marada Besaya Kramagalu	Venkatesh L Etal	
Booklets			

10.B. Details of Electronic Media Produced

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

10.C. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period).

Multicrop Specialist Shri. Hanumanthappa Madlur

Hanumantappa Madlur, is resident of Kapageri village in Sirsi Tq, of Uttara Kannada District in Karnataka, In the region, he is well known as multi crop specialist. Being studied only 1st standard, Hanumantappa, by his experience and knowledge in agriculture, is a model farmer. He grows more than 60 varieties of crops in his 3 acres of land under pure rainfed situation. Cereals, pulses, oilseeds, vegetables & flowers are planned as mixed crops and intercrops. He has proved, hard work and with proper planning in agriculture success can be achieved.

Without any source of water he has to conserve and judicially use the water available during the rains. As this area, receives heavy rains during kharif, to avoid water lagging, he has provided well drainage facility throughout the farm to facilitate excess draining of water. As the rains reduce during the late Kharif, he closes the exits of cannels and allows the water to perculate into the soil, for providing moisture to the rabi/summer crops.

In his 3 acre of land he grows groundnut, maize, jowar, sunflower, cotton, fingermillet, foxmillet as major crops, tomato, cucumber, long beens, potato, brinjal, okra and list goes on in vegetables. During rabi he grows variety of green leafy vegetables.

He could achieve success, due to support of his family members. He never depends on middlemen for selling the produce. Every time he harvests the vegetables he sells the in them in nearby markets of Sirsi, Banavasi & Soraba. He has an auto rikshwa to transport the vegetables to the markets, one of his son drives the vegetables to the market and his wife sells the vegetable, which has given a good margin of profit.

More than 400 plants of dahlia with different colours add list of his multi crops. During season he earns 15,000/- to 20,000/- rupees from selling of Dahlia flowers. He preserves dahlia tubers for next season. Except cotton and groundnut, he himself preserves the seeds of all the crops for next season.

Every year during summer three months the field will be fallow, during this time he and his family members prepare the land for kharif activities, He plans all the crops well in advance. He never repeats a same crop in the same patch of land.

Two cows and two bullocks full fill his dairy needs and organic needs for the farm. He has a bio gas plant to meet the needs of fuel. He has developed live fence around his farm with glyricedia, teak, bamboo and other forest species.

He takes technical backstopping from SKDRDP, KVK and COF Sirsi, wherever possible, he use mechanization for field operations. He owns sprayer cycle weeder and grass choppers, He utilizes the custom hiring facility of SKDRDP for other mechanization operations.

Considering his contributions in the agriculture, many institutions have bestowed him with awards/recognitions:

1.Krishi Sadhaka Prashasthi from Shri Dharmasthala Gramabhivrudhi Yojane, Karkala, 2011

2. Recognition by Taluka Social Welfare Department, Sirsi

3. Sadhaka Krishika Award from Swarnavalli Pratishthan, Sirsi

4. District Level best horticultural farmer award for the year 2014-15 by UHS, Bagalkot

5. Best innovative award during 2015-16 by UAS, Dharwad.

His farm is a tutorial, for the small and marginal farmers who doesn't have good source of irrigation. Many visitors visit his farm and adopted the simple yet scientific methods of cultivation practices that Hanumanthappa has adopted. He earns profit of Rs. 200000.00 every year.
Hanumanthappa's self reliance, is the key of his success.

Address :
Shri. Hanumanthappa Madlur,
Kapageri, At post Banavasi,
Sirsi Tq.
Cell No: 7353008733

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

- Exploiting Whatsapp for diagnosing the field problems:
  Created DAESI Trainees group in whatsapp and is being used to diagnose the problems
- Many farmers are communicating through whatsapp to the concerned scientist directly through images, text and video call facilities of the app.
- During oncampus trainings, farmers are given awareness about the available technologies and apps viz . Kisan Suvidha, Rice expert, Pasho Poshan etc. and are using these ICT tools.

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

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
01	Black pepper	Pruning & backward bending of top shoot in black pepper	More yield due to Increase in no. of fruiting branches, Increase in no of spike and length, Easy harvesting
02	Apiculture	Mud bee boxes	Low cost, Temperature control
03	Paddy	Passing branches of Baina mara(Caryota urenis)/Mukkadaka/ Parige mullu(Zizyphus oenoplea) over paddy crop	Passing the branches of these trees over paddy plants before flowering, so that larva inside the leaf fold dislodges and later dies.

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

-Identification of courses for farmers/farm women : Group discussion, Discussion with line departments, Farmers request through visit to KVK/ Phone calls.

-Rural Youth :Group discussion, Discussion with line departments, :Farmers request through visit to KVK/ Phone calls

-In-service personnel : Discussion in Bimonthly meetings.

10.G. Field activities

i. Number of villages adopted : **09** (**Sirsi Tq**: Kalakoppa, , Yedurbail, Santolli, Gudnapurn, Bedasgaon, Kenchagadde) (**Ankola Tq**: Agasuru, Sagadageri) (**Honnavar Tq.**: Haldipur) (Mundagod: Mudsali)

ii. No. of farm families selected : **128**

iii.No. of survey/PRA conducted : **09**

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :Functional

1. Year of establishment : 2004

2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	pH meter	1	8,000
2	EC meter	1	8,000
3	Kjeldhal N distillation Unit	1	1,00,000
4	Plant Sample digestion Unit (Kjeldhal)	1	1,00,000
5a	Distillation Unit (Glass double)-5 l/ hr	1	10,000
5b	Distillation Unit (Glass double)-1 l/hr	2	10,000
6	Spectrophotometer	1	40,000
7	Flame photometer	1	40,000
8	Hot Air Ovn	1	20,000
9	Willey mill (Plant sample Grinder)	1	25,000
10	Hot plate	1	10,000
11	Horizontal Shaker	1	15,000
12	Weighing Balance (Cap 500 g, Acc 0.1 g)	1	5,000
13	Weighing Balance (Cap 100 g, Acc 0.001 g)	1	25,000
14	Digital pH meter	1	11500
15	EC Bridge	1	10300
16	Flame photometer	1	90,000
17	Atomic absorption Spectro photometer	1	15,00,000
	Total		**20,27,800.00**

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	6873	4557	2599	678083
Water Samples	2411	2278	1503	124250
Plant samples	0	0	0	0
Manure samples	0	0	0	0
Others (specify)	0	0	0	0
Total	**7761**	**6858**	**4125**	**802333**

Details of samples analyzed during the 2016-17 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	1868	1031	1253	229000
Water Samples	1481	827	893	74000
Plant samples				
Manure samples				
Others (specify)				
Total	**3349**	**1858**	**2146**	**303000**

10.I. Technology Week celebration during 2016-17: NO,

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

PART XI. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Use of green manure crops(diancha, sunhemp) in paddy	250	80	Net profit: 10000/ha	Net profit: 60000/ha
Seed treatment (Fungicides) in paddy	300	80		
Bio-fertilizer application in paddy	450	35		
Lime application in paddy & arecanut	500	92		
Micronutrient application	525	51		
Pest & disease management agricultural and horticultural crops	600	45	Net profit: 10000/ha	Net profit: 40000/ha
Rhizome rot management in ginger	100	95	Net profit: 300000/ha	Net profit: 600000/ha
Rootgrub management through *Metarrhizium*	500	85	Net profit: 280000/ha	Net profit: 500000/ha
Quick wilt management in blackpepper	250	75	Net profit: 100000/ha	Net profit: 600000/ha
Pre-emergent weedicide application in Maize	150	15	Net profit: 25000/ha	Net profit: 65000/ha
KMP-10 short duration paddy variety for summer & late kharif	120	40	Net profit: 10000/ha	Net profit: 50000/ha
Paddy transplanting through machine	325	80	36284/ha	45000/ha
Dapog nursery preparation	250	80	-	-

11.B. Cases of large scale adoption

1. Integrated Crop Management in Paddy:

ICM package for profitable paddy cultivation is being popularized in the operational area through FLDs, Trainings.

a. Incorporation of green manure crops : Use of Sunhemp and diancha as green manure crops
b. Application of Lime in acidic soils
c. Soil test based Zn, B application.
4. Scientific Plant Protection measures.

The technology is being followed by 80% of farmers in the operational area.

2. Use of pre-emergent weedicides in Maize:

Atrazine is used as pre-emergent weedicide in effective management of weeds and reducing cost of cultivation. The technology is popularized in maize growing talukas through FLD. Nearly in an area of 1500 ha in Mundagod Taluka, 670 ha in Haliyal Tq. and 280 ha in Sirsi Tq. attrazine is used during 2016-17.

3 Use of bio-fungicide to manage diseases in horticultural crops:

Trichoderma and pseudomonas are popularized as fungicides through trainings for prevention of diseases in blackpepper and ginger. The technologly has yielded positive results. Presently 25% of ginger and blackpepper farmers are using these technologies.

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

S. NO	Problems	Extension methods to solve problems	Method of Impact study and analysis	Impact	Impact Indicator
1	Nut drop in arecanut	FLD, Diagnostic Field Visit along with dept officials, Individual Contact Method demos, trainings Phone calls, Farmers visit to KVK	Field visit and Observation Phone calls	Reduction in nut drop and nut splitting	Yield and feed back
2	Low fertility, pest & diseases and low yield in paddy	FLD, OFT, Diagnostic Field Visit along with dept officials, Individual Contact Method demos, trainings Phone calls, Farmers visit to KVK	Field visit and Observation Phone calls	25% of the farmer adopted the ICM practices,	Yield enhancement
3	Water shortage during summer, leading to water scarcity at panicle stage	OFT, FLD, Diagnostic Field Visit, Field visits, Individual Contact Method demos, trainings Phone calls, Farmers visit to KVK	Field visit and Observation Phone calls	95% of the farmers have adopted KMP-105 in summer in Yedurbail village(operational village). In late Kharif 10 farmer(20 acres) have adopted KMP 105. The variety has spread to neighboring taluks in around 21 acres.	Farmers have taken seed production of KMP 105. KSDA of Sirsi, Yellapur, Siddapur & Mundagod have procured 15 q of KMP 105 seeds from KVK for distribution to the farmers.

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
BAIF, Institute for rural development	Trainings, field day, field visit, workshop
State Dept. of Agriculture	Trainings, demonstrations, seminars and field days.
State Dept. of Horticulture	Training programmes, demonstrations, seminars and field days, soil testing
Thotagar's Service Soceity, Sirsi	Trainings, input procurement, seminars.
State Dept. of Animal husbandry & Veterinary Sciences	Animal Health Camps, trainings.
Grameen Banks	Guidance to beneficiaries about schemes in Trainings
Water shed department	Trainings.
All India Radio, E-TV, Udaya, Chetan TV and Door Darshan	Publicity and transfer of technology
Kadamba charitable trust, Sirsi	Trainings, method demonstration, meetings , Seminars.
Kadamba Marketing & Co-operative Society, Sirsi	Trainings, Melas, SHGs, Marketing
Snehakunja Charitable Trust, Honnavar	Training & method demonstration.
Farmers clubs	Trainings, demonstrations, seminars and field days.
Sri Kshetra Dhrmastala Grameenabhivrudhi Yojane (SKDRDP)	Seminar, Field day.
SRIJAN NGO	Trainings and Field Visit and Field days
MANU VIKAS NGO	Field days and Field visits
Canarabank Deshpande Rudeset , Haliyal	Trainings, field visits, meetings
Jnana Joythi Financial Literacy Centre, Sirsi	Trainings
The Agricultural Service and Development Cooperative Society Ltd.	Traings, Services(supply of inputs)
GGSSS, Ltd Nanikatta, Siddapur tq.	Trainings, FLDs, Method demos
Madhukeshwar FPO, Banavasi	Technical backstopping
Pragati FPO, Banavasi	Technical backstopping

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

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

If yes, role of KVK in preparation of SREP of the district? Yes

Meetings and Field visits.

Coordination activities between KVK and ATMA during 2016-17

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	**Meetings**	ATMA Advisory committee meeting ATMA Advisory committee meeting ATMA and NFSM meeting ATMA Meeting ATMA Workshop	05		
02	**Research projects**				
03	**Training programmes**				
04	**Demonstrations**				
05	**Extension Programmes**				
	Guest Lectures	ICM in Paddy Plant Protection in agri and hort crops Use of Kisan Suvidha for getting information Getting inforamtion on Paddy cultivation through Rice Expert Mobile App ICM in mango and banana Cultivation practices of maize and cotton Use of weedicides in agriculture	07		
06	**Publications**				
07	**Other Activities** (Pl. specify)				

12.D. Give details of programmes implemented under National Horticultural Mission: Programmes under CSS- MIDH(NHM)

S. No.	Programme	Nature of linkage	Constraints if any
01	Production of blackpepper seedlings and establishment of aromatic plants unit	Extension	Nil
02	Training programme on production techniques in blackpepper	Extension	Nil

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

12.F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
01	Field day on Rabi crops	Field Day	25000.00	25000.00	
02	Animal Health Camp	Camp	20000.00	20000.00	

12. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
April 2015	06	9414	
May 2015	7	9414	
June 2015	13	9418	
July 2015	15	9427	
August 2015	4	9428	
September 2015	3	9414	
October 2015	02	9427	
November 2015	7	9427	
December 2015	01	9432	
January 2016	02	9432	
February 2016	04	9440	
March 2016	05	9440	
Total for the year 2016-17	**69**	**9440**	

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
01	Dairy	2015	3Gunta	-	Milk	8298.5 ltrs	60621	207462	
02	Vermi compost	2015	1Gunta	Eutrilus	compost	9119 Kg	-	36476	

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.(qtl)	Cost of inputs	Gross income	
Cereals									
Paddy									
Abhilasha	20.06.2016	05.12.2016	2.8	Abhilasha	Seed	213			Yet to be sold
KMP 105	01.08.2016	02.12.2016	0.02	KMP 105	Seed	0.25			Yet to be sold
Siri 1253	05.08.2016	20.12.2016	0.02	Sirsi 1253	Seed	0.22			Yet to be sold
Hemavati	08.08.2016	20.01.2017	0.02	Hemavati	Seed	0.44			Yet to be sold
PSB 68	10.08.2016	05.01.2017	0.02	PSB 68	Seed	0.4			Yet to be sold
Intan	25.08.2016	20.01.2017	0.02	Intan	Seed	0.51			Yet to be sold
Jaya	10.08.2016	25.02.2017	0.002	Jaya	Seed	0.43			Yet to be sold
BPT 5209	15.08.2016	15.02.2017	0.002	BPT 5209	Seed	0.26			Yet to be sold
Pulses									
Blackgram	21.01.2017	Harvesting stage	4	DBGV-5 DU-1	Seed	--			
Greengram	15.01.2017	Harvesting stage	2	IMP-02-14	Seed	--			
Spices & Plantation crops									

Cashew	-	30-03-2017	0.4	--	--	172Kg			Yet to be sold
Arecanut	-	-	0.4					140000	Auctioned
Coconut			60 trees					13000	Auctioned
Fruits									
Mango			5 trees			1.59			Yet to be sold
Sapota	--	10.03.2017	0.4		Fruits	250 kg		5000	

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

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

13.E. Utilization of hostel facilities

Accommodation available (No. of beds): 25

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2016	19	30	
May 2016	14	44	
June 2016	17	57	
July 2016	14	38	
August 2016	16	55	
September 2016	11	33	
October 2016	11	26	
November 2016	26	42	
December 2016	35	55	
January 2017	29	45	
February 2017	31	50	
March 2017	70	53	

13.F. Database management

S. No	Database target	Database created (Excel)
01		Trainings
02		FLD Details
03		OFT Details
04		Field Visits
05		Method Demonstrations
06		Farmer Visits to KVK
07		Phone Calls
08		Seminars/Workshops Organized
09		Seminars/Trainings/Workshops attended
10		Special Programmes
11		KMAS
12		Guest Lectures
13		Field Days
14		Electronic Media
15		Publications
16		News Paper Coverage

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

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	SBI,SIRSI	SIRSI	917	Programme Coordinator, KVK UK	30157809532	581002401	SBIN0000917
	SBI,SIRSI	SIRSI	917	KVK Revolving Fund	10816617558		
	SBI,SIRSI	SIRSI	917	Group Leader, UAS Diary	10816629030		
	SBI,SIRSI	SIRSI	917	EXTN.LEADER,EXTN.EDUTN.UNIT	10816617296		
Current A/c NO.	SBI,SIRSI	SIRSI	917	Programme Coordinator KVK	36527784252		

14.B. Utilization of KVK funds during the year 2016-17 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8528000	8528000	8074261
2	Traveling allowances	200000	200000	205467
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter	300000	300000	291365
B	POL, repair of vehicles, tractor and equipments	300000	300000	299898
C	Meals/refreshment for trainees (@Rs.75/day/trainee for residential and @ Rs.40/day/trainee for non-residential trainings)	85000	85000	58955
D	Training material (need based materials and equipments for conducting the training)	30000	30000	24825
E	Frontline demonstration	286000	286000	266280
F	FLD on special Pulses Programme			
G	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	48000	48000	47423
H	Training of extension functionaries	30000	30000	11680
I	Maintenance of building			
J	Extension Activities	50000	50000	39036
K	Farmers' Field School	30000	30000	9100
L	Library (Purchase of Journal, Periodicals, News Paper and Magazines)	10000	10000	5248
	TOTAL (A)	**9897000**	**9897000**	**9333538**
B. Non-Recurring Contingencies				
1	**Works**	0	0	
2	**Equipments including SWTL & Furniture**	1200000	1200000	1196491
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	800000	800000	800000
4	**Library** (Purchase of assets like books & journals)	0	0	
TOTAL (B)		**2000000**	**2000000**	**1996491**
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		**11897000**	**11897000**	**11330029**

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 1st April of each year
April 2014 to March 2015	576812.0	288621.0	170863.0	694570.0
April 2015 to March 2016	694570.0	890297.0	1009462.0	575405.52
April 2016 to March 2017	575405.0	1934128.5	1555474.0	954059.5

15. Details of HRD activities attended by KVK staff during 2016-17

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. Manjappa K	Programme Coordinator	Workshop on use of GeM Portal	ATARI Bengaluru	6-Feb-17
Smt. Rajeshwari N	Scientist(Home Science)	Strategic Research and Extenstion planning for field functionaries	STU, Sameti(south), UAS,Bengaluru	8-Aug-16 to 11-Aug-16
Dr. Roopa S Patil	Scientist(Agril Entomology)	Self managing leadership for personal and professional excellence	EEI, Hyderabad	15-Nov-16 to 19-Nov-16
Dr. A.D.Agasimani	Scientist (Horticulture)	International Conference on Female workforce participation and productivity enhancement	Tokyo, Japan	5-Apr-16 to 7-Apr-16
Dr. A.D.Agasimani	Scientist (Horticulture)	Training programme on Presentation Skills	EEI, Hyderabad	7-Nov-16 to 12-Dec-16
Dr. A.D.Agasimani	Scientist (Horticulture)	Protected cultivation to meet future challenges	UAS Dharwad	17-Feb-17 to 18-Feb-17
Smt. Annapurna Neeralgi	PA(Computers)	Advanced Course in Agricultural Knowledge Management	Manage, Hyderabad	19-Dec-16 to 23-Dec-16
Smt. Annapurna Neeralgi	PA(Computers)	Workshop on GeM Portal	ATARI Bengaluru	6-Feb-17

16. Please include any other important and relevant information which has not been reflected above : NIL

SUMMARY FOR 2016-17

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management	Blackpepper	Management of berry drop in black pepper	05	05	25 vines
Varietal Evaluation	Paddy	KMP-105 short duration paddy variety as contingent crop for late kharif	10	10	0.4
Integrated Pest Management	Banana	Assessment of green labeled insecticides for management of Banana leaf roller	05	05	-*
Integrated Crop Management	Sugarcane	Assessment of planting methods in sugarcane	03	03	0.4
Income Generation	Lac	Evaluation of inoculation seasons for brood lac on Kusum tree in Uttara Kananda District	06	06	-**
Total			**29**	**29**	

*** Banana is a intercrop in areca garden. ** lac is grown on kusumi trees**

Summary of technologies assessed under livestock- NIL-

Summary of technologies assessed under various enterprises-NIL-

Summary of technologies assessed under home science-NIL-

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops -NIL-

Summary of technologies assessed under refinement of various livestock –NIL-

Summary of technologies refined under various enterprises –NIL-

Summary of technologies refined under home science –NIL-

III. FRONTLINE DEMONSTRATION

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds																			
Groundnut	ICM	G2-52	-	Residual moisture	10	4	21.76	20	20.68	14.30	45.1%	40626	12480	83454	3.05	33657	85824	52167	2.55
Cereals	ICM in Paddy	PSB-68		Rainfed	15	6	87.4	40.4	60.17	40.09	50.09	39500	105203.5	65703.5	2.66	30900	714195	31239.5	2.01
	ICM in Maize	CP818, NK-6240		Rainfed	15	6	88.0	69.4	77.3	62.9	22.9	28600	108220	79620	3.78	25000	86487.5	61487.5	3.46
Fruit	Mango	Alphanso	-	Rainfed	15	6	Ongoing (Fruiting Stage)												
Spices and condiments : Blackpepper	Foot rot Management in Black Pepper	Panniyur-1	-	Rainfed	10	250 (vines)	13.5	9.5	11.3	10.6	7.26	58557	622416.7	563859.7	9.78	55557	527500	483500	8.70
Fibre crops like cotton	ICM in *Bt.* Cotton		BG-II	Rainfed	11	4.0	21.50	24.20	23.75	20.63	15.12	26800	106875	80075	3.99	27550	92835	65285	3.37
Plantation																			
Arecanut	ICM in Arecanut	local		Rainfed	10	4	31.6	24.7	27.5	23.8	15.8	75340	630400	555060	8.3	69000	546020	478200	7.8
	IPM in Cashew	Local		Rainfed	10	2.40	Harvesting in under progress												
Agroforestry	Multipurpose trees on bund/boundary/ Bettaland planting as shelter/Fodder and additional source of income	***Calophyllum inophyllum, Melia dubia, Sesbania grandiflora***	-	Rainfed	05		Ongoing												

Livestock : NIL

Fisheries : NIL

Other enterprises : NIL

Women empowerment : NIL

Farm implements and machinery : NIL

Other enterprises: NIL

Demonstration details on crop hybrids : NIL

IV. Training Programme

A.. Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Nutrient Management	01	35	0	35	0	0	0	35	0	35
Production Technology	04	47	18	65	0	0	0	47	18	65
Horticulture										
Grafting technologies	1	3	25	28	0	0	0	3	25	28
f) Spices										
Production Technology	1	48	0	48	5	0	5	53	0	53
Home Science/Women empowerment										
Women Empowerment	1	0	16	16	0	0	0	0	16	16
Value addition	2	4	61	65	0	0	0	4	61	65
Plant Protection										
Apiculture	1	17	11	28	0	0	0	17	11	28
Protection Technology	2	23	14	37	0	0	0	23	14	37
Capacity Building and Group Dynamics										
Entrepreneurial development of farmers/youths	1	49	7	56	0	0	0	49	7	56
Agro-forestry										
TOTAL	**14**	**226**	**152**	**378**	**5**	**0**	**5**	**231**	**152**	**383**

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
Crop Production										
Integrated Crop Management	4	86	0	86	1	1	2	87	1	88
Production Technology	3	67	23	90	1	0	1	68	23	91
Weed management	1	25	10	35			0	25	10	35
Water Management	2	64	0	64	0	0	0	64	0	64
Horticulture										
f) Spices										
Nutrient Management	1	9	0	9	0	0	0	9	0	9
Production Technology	1	47	4	51	4		4	51	4	55
g) Fruits										
Home Science/Women empowerment										
Women empowerment	1	0	24	24			0	0	24	24
Plant Protection										
Integrated Pest Management	6	64	9	73	0	0	0	64	9	73
Fisheries										
Production of Inputs at site										
Capacity Building and Group Dynamics										
Agro-forestry										
TOTAL	**19**	**362**	**70**	**432**	**6**	**1**	**7**	**368**	**71**	**439**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	2	42	14	56	0	0	0	42	14	56
Introduction to KVK	02	47	29	76	0	0	0	47	29	76
TOTAL	**04**	**89**	**43**	**132**	**0**	**0**	**0**	**89**	**43**	**132**

D. Training for Rural Youths including sponsored training programmes (off campus) – NIL-

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
Production Technology	1	39	2	41	03	0	03	42	02	44
Soil and water conservation	1	47	3	50	0	0	0	47	03	50
Total	**02**	**86**	**05**	**91**	**03**	**0**	**03**	**89**	**05**	**94**

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

G. Sponsored training programmes conducted :

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**										
2	**Production and value addition**										
2.c.	Spices crops	02	95	16	111	09	0	09	104	16	120
3.	**Soil health and fertility management**										
4	**Production of Inputs at site**										
5	**Methods of protective cultivation**										
6	**Others (pl.specify)**										
7	**Post harvest technology and value addition**										
8	**Farm machinery**										
9.	**Livestock and fisheries**										
10	**Livestock production and management**										
11.	**Home Science**										
12	**Agricultural Extension**										
	Total	**02**	**95**	**16**	**111**	**09**	**0**	**09**	**104**	**16**	**120**

Details of sponsoring agencies involved : National Horticulture Mission

H. Details of Vocational Training Programmes carried out by KVKs for rural youth : NIL

V. Extension Programmes

Nature of Extension Programme	No. of Programmes	No. of Farmers	No. of EF	Total Participant
Field Day	5	295	18	313
Kisan Mela	1	605	45	650
Kisan Ghosthi	0	0	0	0
Exhibition	5	89090	332	89422
Film Show	4	239	10	249
Method Demonstrations	16	421	16	437
Farmers Seminar	1	115	5	120
Workshop	3	120	171	291
Lectures delivered as resource persons	69	9947	750	10697
Newspaper coverage	30	0	0	0
Radio talks	6	0	0	0
Popular articles	12	0	0	0
Extension Literature	8	0	0	0
Advisory Services	700	0	0	0
Scientific visit to farmers field	203	879	302	1181
Farmers visit to KVK	265	280	14	294
Diagnostic visits	66	327	83	410
Exposure visits	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Soil health Camp	1	92	11	103
Animal Health Camp	1	65	18	83
Agri mobile clinic	0	0	0	0
Soil test campaigns	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0
Self Help Group Conveners meetings	1	10	1	11
Mahila Mandals Conveners meetings	0	0	0	0
Celebration of important days :	0	649	82	731
Interface Meeting	1	60	4	64
Awareness Programme	6	386	39	425
Total	**1402**	**103285**	**1901**	**105186**

Details of other extension programmes

Particulars	Number
Electronic Media	06
Extension Literature	12
News Letter	03
News paper coverage	30
Radio Talks	06
Animal health amps (Number of animals treated)	01(15 animals)
Total	**58**

PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	Hemavati	0.44	Yet to be sold	
		Abhilash	213		
		Jaya	0.43		
		Intan	0.51		
		Kmp105	0.25		
		Siri 1253	0.22		
		PSB-68	0.4		
		BPT-5209	0.26		
		Hemavati (Farmers Participation)	87.0		
Total			**302.51**		

Production of planting materials by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Number	Value (Rs.)	Number of farmers
Commercial	Blackpepper	Paniyur-1	7868	118020.00	
	Nutmeg	Selection-3	22	3080.00	
	Arecanut	SAS-1	800	12000.00	
Vegetable seedlings	Drumstick	PKM	118	1770.00	
Total			8808	134870	

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Root Hormone	IBA	1.470	36476.00	
Total				

Production of livestock and related enterprise materials: NIL

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2016-17

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	1868	1031	1253	229000
Water Samples	1481	827	893	74000
Total	**3349**	**1858**	**2146**	**303000**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted : 01
Date : 10.06.2016

IX. NEWSLETTER

Number of issues of newsletter published
1. April- June 2016 2. July - Sept 2015 3. Oct-Dec 2016

ACTIVITIES UNDER FRONT LINE DEMONSTRATIONS

Observations on sucking pests in Bt. cotton in FLD Plot

Check plot with weeds and demo plot without weeds- impact of pre-emergent weedicide under FLD ICM in Maize

Method demonstration on plastic mulching under FLD : management of wilt in black pepper

FLD ICM In paddy- Incidence of blast in check plot where as demo plot is healthy

Field visit to Groundnut FLD plot at Sagadageri, Ankola Tq.

Nutrient application to areca palm under FLD

Field Visit under FLD IPM in Cashew

FV to IFS FLD plot with green manure crop

ACTIVITIES UNDER ON FARM TESTING

Observations on banana leaf roller under OFT: Management of Banana Leaf Roller

Observations on brood lac under OFT : Assessment of inoculation seasons of brood lac on Kusumi tree.

Field visit to OFT KMP 105 short duration paddy

Preparation of spraying mixture under OFT Management of berry

variety as a contingent crop plan for late Kharif

Demonstration of Pit method of planting sugarcane under OFT Assessment of Planting Methods in Sugarcane

drop in Black pepper

Good tillering observed in pit method of OFT Sugarcane

EXTENSION ACTIVITIES : FIELD VISITS & DIAGNOSTIC FIELD VISITS

Visit of Dr. Srinath Dixit, Director, ATARI, Zone 8, Bengauru along woth KVK staff to progressive Farmer Shri. Prasad Rama Hegde's plot at Kanakodlu, Yellapur Tq.

Diagnostic Visits to Blast affected paddy fields in Banavasi Hobli

DV to rice swarming caterpillar affected field at Kondalagi

Field visit to Blackpepper plot at Kanakodlu

Field visit to Kanagod - information about agroforestry

DV to Kaiyigudde (Yellowing drying of areca leaves)

Field Visit to Kapageri for documenting success of the farmer Shri. Hanumantappa Madlur

Diagnostic Field Visit to problematic ginger plot at Banavasi

EXTENSION ACTIVITIES : SPECIAL PROGRAMMES

Animal Health Campaign at Chanmavu Village of Siddapur Tq. under RKVY

Distribution of Soil Health Cards during World Soil Health Day at Kulle village of Siddapur Tq. Celebrations

	
Farmer-Bankers interface meet in collaboration with NABARD	Educating school children of Kotemane Village in Yellapur Tq. on importance of Cleanliness under Swachata Pakwada Programme
	
Scientist Farmer Interaction during Pre Rabi Workshop at Kulle Village of Siddapur Tq.	Activities under Parthenium awareness week
	
Participation in Tuber Mela at Joida Tq.	Exhibition Stall during Krishi Mela at UAS, Dharwad

EXTENSION ACTIVITIES : SPECIAL PROGRAMMES

Exhibition Stall during Totagarike Mela at UHS, Bagalkot

Visit of Hon'ble Agr. Ministrer of Shri. Krishna Baire Gowda GOK & MLA Shri. Vishweshwar Hegde Kageri to the KVK Stall during Organic Mela organized by KVK in collaboration with KSDA, Karwar

Celebration of World Environmental Day

Celebration of International Women's Day

Participation in Krish Abhiyana Programme of KSDA, Karwar- Delivering lecture on insect pests of paddy at Sonda, Sirsi tq

Field Day on ICM in Groundnut at Agasuru village of Ankola Tq. under RKVY

	
Field day on ICM in Pineapple, Madhuravalli, Sirsi Tq.	Field Day on ICM in Groundnut at Haladipur village of Honnavar Tq.

TRAININGS

On campus training on production technologies in agriculture crops

On campus training to SHG members on bakery product preparation

Training on grafting techniques in fruits & vegetables

Training on vermin compost and fodder varieties

Off campus training on paddy pest management

Off campus training on pulse production technology

Off campus training on water management in horticultural crops

Off campus training on paddy pest identification

TRAININGS

Training on Mushroom Cultivation

Sponsored Training on black pepper production technologies

Off campus Training on Blackpepper production technologies

Training on value addition of fruits and vegetable

Off campus training on seed treatment in pulses

Training to Rural Youth on Dapog Nursery preparation

Training on pineapple planting in newly established areca garden

Training on production technologies of paddy