

PROFORMA FOR ANNUAL REPORT 2015-16

(FOR THE PERIOD APRIL 2015 to MARCH 2016)

KRISHI VIGYAN KENDRA, UDUPI DISTRICT

PART I - GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

KVK Address	Telephone		E mail	Web Address
Krishi Vigyan Kendra Zonal Agricultural & Horticultural Research Station Brahmavar	Office: 0820-2563923	Fax: 0820-2561011	email- kvkudupi@gmail.com	www.kvkudupi.com

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Dhananjaya B	9448950250	9480838202	kvkudupi@gmail.com

1.4. Year of sanction:2001

1.5. Staff Position (as 31st March 2016)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asst.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
1.	Programme Coordinator	Dr. Dhananjaya B.	Programme Coordinator	M	Agril. Extn.	Ph.D	15600-39100	432313+9000	09.07.15	Permanent	ST
2.	SMS	Mr. Chaitanya H.S.	SMS	M	Horticulture	M. Sc	15600-39100	17610+6000	01.10.12	Permanent	General
3.	SMS	Mr. R. Jayaprakash	SMS	M	Soil Science	M. Sc	15600-39100	17610+6000	29.11.12	Permanent	SC
4.	SMS	Dr. Satheesh N.	SMS	M	Home Science	Ph.D	15600-39100	16918+6000	27.09.13	Permanent	SC
5.	SMS	Dr. N.E. Naveen	SMS	M	Agronomy	Ph. D	15600-39100	16920+6000	01.10.13	Permanent	IIIB
6.	SMS	Mr Srinivas H. Hulkoti	SMS	M	Animal Science	M. Sc	15600-39100	16920+6000	23.11.13	Permanent	ST
7.	SMS	Mr Shivakumar	SMS	M	Plant Protection	M.Sc	15600-39100	22000/-	27.01.16	Permanent	IIIB
8.	Programme Assistant (Lab Tech.)/T-4	Mr. Sanjeev Kyatappanavar	Training Assistant	M		M. Sc	9300-34800	11460+4200	21.02.11	Permanent	III B
9.	Programme Assistant (Computer)/T-4	Mrs Shailaja	Programme Assistant (Computer)	F		MBA	9300-34800	11460+4200	24.01.11	Permanent	III B
10.	Programme Assistant/ Farm Manager	Mrs S.M. Vidyashree	Farm Manager	F		M.Tech (Agril. Engineering)	9300-34800	11000+4200	10.11.11	Permanent	SC

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asst.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/Others)
11.	Assistant	Mrs Leelavathi	Assistant	F				14000/- consolidated	10.01.16	Contract	I A
12.	Jr. Stenographer	Mrs. Ashalatha G.	Typist cum computer operator	F				12730/- consolidated	10.01.16	Contract	II A
13.	Driver	Mr Riyaz Ahmed Nabi Saheb Nadaf	Driver (Jeep)	M			11600-21000	12250	05.09.12	Permanent	I A
14.	Driver	Mr.Veeresh	Driver	M			14550-26700	17200	23.11.08	Permanent	IIA
15.	Supporting staff	Mr. Razak Hazarath Saheb Walikar	Assistant Cook-cum-caretaker	M			10400-16400	11800	23.10.08	Permanent	II A
16.	Supporting staff	Mr. Rithesh	Messenger	M			11600-21000	8400	10.01.16	Contract	SC

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

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

1.7. Infrastructural Development:

A) Buildings

Sl. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	10.10.2012	550	8500000			
2.	Farmers Hostel	ICAR	17.04.2002	720	4653768		Nil	
3.	Staff Quarters		Sanctioned this year					
4.	Demonstration Units							
	1.	ICAR	2007	2.0 ha	100000			
	2.	NCOF	2008	600	150000			
	3.	ZP Udupi	Sanctioned recently for Rs.7.5 lakh and work in progress					
5	Fencing	Planned during current year						
6	Rain Water harvesting system							
7	Threshing floor	NA						
8	Farm godown							

B) Vehicles

<i>Type of vehicle</i>	<i>Year of purchase</i>	<i>Cost (Rs.)</i>	<i>Total kms. Run</i>	<i>Present status</i>
Honda Activa	04.06.2009	49915	924	Running
TVS victor	22.09.2013	-	3511	Running
Mahindra Bolero	18.12.2004	435386	21600	Running
Tractor	18.03.2002	268250	180.7	Running

C) Equipments & AV aids

<i>Sl. No.</i>	<i>Name of Equipments</i>	<i>Cost (Rs.in lakhs)</i>	<i>Year of purchase</i>	<i>Present status</i>
1.	Brite 5 KVA volts sinewave IGBT UPS, almaxx 150 AH tubular battery	98813	2/4/2016	Good Condition
2.	Sony Cyber Shot DSC Hx90 sony camara	24300	3/12/2016	Good Condition
3.	Easel-01	15000	10/17/2015	Good Condition
4.	UAHS designed power conoweeder	29850	9/23/2015	Good Condition
5.	Audio system	22001	2/16/2016	Good Condition
6.	LG 1.5 ton air conditioner with accessories	99570	12/28/2015	Good Condition
7.	V-guard stabilizer model DIGI-200	3700	3/22/2016	Good Condition
8.	Jack fruit chip cutting machine	10575	3/17/2016	Good Condition
9.	Panasonic mixi model AC 400H (BLACK)	4585	3/24/2016	Good Condition
10.	Prestige omega select plus junior hundi	1507	3/24/2016	Good Condition
11.	Pigeon non stick biryani pot 500	919	3/24/2016	Good Condition
12.	Prestige LPG model shakti	2009	3/24/2016	Good Condition

1.8. Details SAC meeting conducted – Nil-

SAC Number	SAC Conducted Date	No. of Participants	No. of Absentees	Recommendations	Action Taken
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PART II - DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1.	Agriculture
2.	Horticulture
3.	Fisheries and Dairy Farming

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

S. No	Agro-climatic Zone	Characteristics
1.	Coastal zone-10	Laterite soil, heavy rainfall of 4000 mm/annum, both hilly and plain land area

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

2.3 Soil type/s

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

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

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

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

2.5.1.1. Weather data

Month	Rainfall	Max. Temp	Min Temp	Relative humidity
April	19	31.33	22.20	77.37
May	147.5	32.37	20.64	91.06
June	678.7	28.64	21.31	92.83
July	1207.6	28.53	21.86	95.03
August	543.6	29.01	23.42	96.13
September	340.7	29.44	21.68	96.47
October	169	31.49	20.14	87.32
November	43.4	31.32	18.87	84.70
December	0	30.75	19.12	82.03
January	0.2	34.35	15.55	76.81
February	0	35.78	16.06	80.38
March	0	35.03	18.13	81.10

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

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

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

2.8 Details of Operational area / Villages

Taluk Name	Name of the Block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major Crops and enterprises	Major problems identified	Identified Thrust Area	Others - TA	No. of SC Household	No. of ST Household	No. of Others Household	Total household
Karkala	Bailoor	Kanajaru	1 Year	Arecanut, Pepper, Vegetables, Coconut, Paddy	Foot rot disease in pepper	Integrated Disease Management		0	0	0	0
Karkala	Bailoor	Kanajaru	1 Year	Arecanut, pepper, coconut	Spike shedding in pepper	Integrated Nutrient Management		0	0	0	0
Karkala	Bailoor	Kanajaru	1 Year	Blackgram, paddy	Alternate crop in rabi after paddy cultivation	Others	Alternate crop in paddy fallows	0	0	0	0
Kundapur	Vandse	Uppinakudru	1 Year	Groundnut, paddy, cowpea, Blackgram	Alternate crop in paddy fallows	Others	Introduction of field bean in paddy fallows	0	0	0	0
Kundapur	Byndoor	Halageri	3 Years	Paddy, Groundnut	Alternate variety to TMV-2 due to low yield	Varietal Evaluation		0	0	0	0
Udupi	Majoor	Majooru	2 Years	Paddy, Sesamum, Blackgram	Age old varieties	Varietal Evaluation		0	0	0	0
Udupi	Mattu	Mattu	2 years	Brinjal	Shoot and fruit borer, white fly	Integrated pest management		0	0	0	0
Karkala	Muniyal	Muniyal	3 years	Arecanut	Root grub	IPM		0	0	0	0

Taluk Name	Name of the Block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major Crops and enterprises	Major problems identified	Identified Thrust Area	Others - TA	No. of SC Household	No. of ST Household	No. of Others Household	Total household
					menace and yield loss						
Karkala	Kanajaru	Kanajaru	1 year	Jasmine	Leaf Spot disease, Mite problem, Bud worm, Wilt, Nematode	ICM in Udupi Mallige		0	0	0	0
Udupi		Kukkehalli, Perdoor, Koteshwara, Kandlur, Mudu	1 year	Fish	Lack of knowledge on rearing of fresh water prawn in poly culture system	Production and management		0	0	0	0
Kundapur		Kenchanoor		Fish	Lack of knowledge on rearing of Pangassius	Production and management		0	0	0	0
Udupi		Kukkehalli		Fish	Lack of knowledge and most of the available water bodies in the region are seasonal which will get dry within 6 months after monsoon	Production and management		0	0	0	0

Taluk Name	Name of the Block	Name of the village	<i>How long the village is covered under operational area of the KVK (specify the years)</i>	Major Crops and enterprises	Major problems identified	Identified Thrust Area	Others - TA	No. of SC Household	No. of ST Household	No. of Others Household	Total household
Karkala		Kanajaru		Fodder	Non availability of green fodder throughout the year	Fodder crops		0	0	0	0

2.9 Priority thrust areas

Thrust Area Id	Thrust Area
1.	Acidic soils
2.	Imbalanced nutrient management and leaching loss of nutrients
3.	Low yielding local varieties
4.	Labour scarcity
5.	Lack of knowledge on Improved fish farming technology
6.	Pest and disease management
7.	Lack of knowledge on improved fodder cultivation and poultry farming
8.	Alternate Paddy variety for MO-4 (Kharif Season)
9.	Alternate Red Rice variety for Rabi season

10.	Short duration Red Rice variety for Kharif season for contingent crop plan
11.	Rashmi seed supply for rabi season (paddy fallows)
12.	Salvenia (Antargange) weed management in low lying paddy areas
13.	Root grub in Arecanut
14.	Paddy variety suitable for DSR method of paddy sowing
15.	Paddy diamond white backed hopper menace in rabi paddy
16.	Flood and salt tolerant paddy variety
17.	Red palm weevil menace in coconut (not able to control by the use of pheromone traps)
18.	Effective management practices for managing quick wilt in black pepper
19.	The results and University stand for usage of Bio fight in Arecanut
20.	Wild animal menace

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
3	3	11	10	16	16	145	136

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
68	63	2175	3586	4	4	120	109

Seed Production (kgs)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
210 kgs	79.445 kgs	24000 Nos	27584 Nos

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
2000 Nos (Livestock) 200 Nos (Fingerlings)	2077 Nos (Livestock) 72 Nos (Fingerlings)	3000 kgs	3250 kgs

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/ Others	
1	Varietal Evaluation	Groundnut	Low yield, Old variety, Moisture stress, Nutrient management	Assessment of Groundnut varieties for varietal replacement and higher productivity in paddy fallows of Udupi district			1	-	-	-	1.5	-	-	-
2	Varietal Evaluation	Banana	Inefficient use of natural resources, Low plant density leading to yield reduction	Assessment of Paired row planting system in Banana var. Puttbale			1	-	-	-	-	1950 banana suckers	-	-
3	Production and Management	Fish	Low production of fresh water fish Sp.	Introduction of pearl spot to evaluate the growth performance of Pearl spot in coastal farm ponds			1						Supply of pearl spot seeds 3000 Catla fingerlings – 326 Rohu-326 Common carp-326	

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/ Others	
													Feed – 56 kgs	
4	Integrated Disease Management	Black pepper	High incidence of Foot rot disease		Foot rot Disease Management in Black Pepper	1	-	-	-	-	-	-	-	Tricoderma Neem cake
5	Integrated crop management	Black pepper	Spike shedding results to low yield		Foliar nutrition of Black Pepper by pepper special for higher yield	1	-	-	-	-	-	-	-	Micro nutrient pepper special
6	Farm Mechanization	Paddy	Low yield due to high weed infestation, Labour Scarcity Low yield, Weed infestation		Weed management in paddy through power operated paddy weeder	1	-	-	-	-	-	-	-	Power operated paddy weeder has been given to farmers on free of cost
7.	Integrated weed management	Brinjal	Water scarcity, soil borne diseases and		Use of Polythene mulch	1	-	-	-	-	-	-	-	Arka microbial Consortium

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/ Others	
			pest incidence , problem of weed menace and low nutrient use efficiency in vegetables cultivation		and Arka Microbial Consortium in Brinjal cultivation									Mulching sheet
8	Production and management	Fish	Lack of knowledge on rearing of fresh water prawn in poly culture system		Culture of fresh water prawn in polyculture system along with Catla and Rohu.	1							Prawn seeds-8000 Catla-1671 Rohu-1671 Feed-96 kgs(floating feed) Rice brane-40 kgs GOC-40 kgs	
9	Production and management	Fish	Lack of knowledge on rearing of Pangassius		Dissemination of Pangassius farming technology in seasonal water bodies.	1							Fish seed-8000 Feed-250 kgs	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of Bio products/ Others	
10	ICM	Field bean	Introduction of alternative crop		ICM in field bean (HA-4)	1	-	-	-	-	50 kgs	-	-	-
11	ICM	Cowpea	Local variety, low yield, Higher weed problem, Fallow, crop management		ICM in vegetable Cowpea (Arka Garima)	1	-	-	-	-	80 kgs	-	-	-
12	Varietal Evaluation	Sesamum	Local variety, Low yield, Pest incidence selection of suitable variety in paddy fallows, Nutrient management		Introduction of High Yielding DS-5 white seeded sesamum variety in paddy fallows	1	-	-	-	-	25 kgs	-	-	-
13	ICM	Yard Long bean	Low yielding local variety		Introduction of High yielding IIHR Yard Long bean	1	-	-	-	-	9.5 kgs	-	-	-

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of Bio products/ Others	
					variety Arka Mangala									
14	ICM	Arecanut	Root grub menace and yield loss		Integrated Crop Management in Arecanut	1	-	-	-	-	-	-	-	Nematoda culture Imidacloprid Lime Copper sulphate
15	Production and management	Fish	Lack of knowledge and most of the available water bodies in the region are seasonal which will get dry within 6 months after monsoon		Production of Grass carp stunted fingerlings in farm ponds	1							6 hapa, fish seed-4200 Feed-58 kgs	
16	Fodder crops	Fodder	Non availability of green fodder throughout the year		Demonstration of fodder bank with high yielding fodder varieties	1							COFS-29 seeds-8 kgs SAT maize seeds – 24 kgs DHN-6 root slips-9000	

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/ Others	
17	Integrated pest management	Brinjal	Shoot & Fruit Borer Damage Unscientific method of spray Ill effects on health and Environment		Integrated Management Shoot and Fruit Borer in Brinjal	2	-	-	-	-	-	-	-	Bt spray Neem cake Chlorantr aprinol Monocro tophos
18	Integrated pest and disease management	Jasmine	Leaf Spot disease, Mite problem Bud worm, Wilt, Nematode		Integrated Pest and Disease management in Udupi jasmine	3	-	-	-	-	-	-	-	Neem cake Carbenzimidazole Dicofol
19	INM	Nutrition garden	Malnourishment & nutrition deficiency		Demonstration of Nutrition Garden for Nutrition Security among School Children	1	-	-	-	-	Each variety 100 Nos	-	-	-

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1	Assessment of Groundnut varieties for varietal replacement and higher productivity in paddy fallows of Udupi district	ANGRAU, ICRISAT, UASD	Groundnut	1	-	1	Field visit, Group discussion meetings, Field day
2.	Assessment of Paired row planting system in Banana var. Puttbale	UAS, Bengaluru, NRC, Trichy	Banana	1	-	1	Field visit, Group discussion meetings
3.	Introduction of Pearl spot to Evaluate the growth performance in coastal farm ponds	CMFRI, Kochi,	Fish	1	-	1	Field day, Field visit, Group discussion meetings, Training programmes
4.	Introduction of high yielding DS-5 white seeded Sesamum variety in paddy fallows	UAS, Dharwad	Sesamum	-	1	1	Field day, Field visit, Group discussion meetings, Training programmes
5.	ICM in vegetable Cowpea	IIHR, Bangalore	Cowpea	-	1	1	Field day, Field visit, Group discussion meetings, Training programmes
6.	ICM in Fieldbean	UAS Bangalore	Field bean	-	1	1	Field visit, Group discussion meetings
7.	Introduction of High yielding IIHR Yard Long bean variety <i>Arka Mangala</i>	IIHR, Bangalore	Yard Long Bean	-	1	1	Field visit, Group discussion meetings, Training programmes
8.	Foot rot disease management in Black pepper	UAS, Dharwad	Black Pepper	-	1	1	Field visit, Group discussion meetings, Training programmes
9.	Foliar nutrition of Black Pepper by pepper special for higher yield	IISR, Calicut	Black Pepper	-	1	1	Field visit, Group discussion meetings, Training programmes, Field day
10.	Use of Polythene mulch and Arka Microbial Consortium in Brinjal cultivation	IIHR Bangalore	Brinjal	-	1	1	Method Demonstration, Field visit, Group discussion meetings

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
11.	Integrated Management Shoot and Fruit Borer in Brinjal	IIHR, B	Brinjal	-	1	2	Method Demonstration, Field visit, Group discussion meetings
12.	Integrated Crop Management in Arecanut	UASB	Arecanut	-	1	1	Field visit, Group discussion meetings
13.	Integrated Pest and Disease management in Udupi jasmine	UAS(B)	Udupi Jasmine	-	1	3	Field visit, Group discussion meetings
14.	Demonstration of Nutrition Garden for Nutrition Security among School Children	UAS(B)	Nutrition Garden	-	1	1	Field visit, Group discussion meetings
15.	Mechanization in paddy(Power operated Paddy weeder)	UAHS, Shivamogga	Paddy	-	1	1	Field visit, Group discussion meetings
16.	Culture of fresh water prawn in polyculture system along with Catla and Rohu.	UAHS, Shivamogga	Fish	-	1	1	Field visit, Group discussion meetings
17.	Dissemination of Pangassius farming technology in seasonal water bodies	UAHS, Shivamogga	Fish	-	1	1	Field visit, Group discussion meetings
18.	Production of Grass carp stunted fingerlings in farm ponds	UAHS, Shivamogga	Fish	-	1	1	Field visit, Group discussion meetings
19.	Demonstration of fodder bank with high yielding fodder varieties	TNAU, Coimbatore	Fodder	-	1	1	Field day, Field visit, Group discussion meetings

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
5	3	1	1	87	9	37	3	1870	1069	447	200				

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

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

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

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

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

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technologic al Options)
Integrated Nutrient Management	Nutrition	Demonstration of Nutrition Garden for Nutrition Security among School Children	5	5	80 sq mtrs
Varietal Evaluation	Sesamum	Introduction of High Yielding DS-5 white seeded Sesamum variety in paddy fallows	10	10	4
Integrated Pest Management	Brinjal	Integrated Management Shoot and Fruit Borer in Brinjal	10	10	2.5
Integrated Crop Management	Black Pepper	Foliar nutrition of Black Pepper by pepper special for higher yield	15	15	1
	Field bean	ICM in field bean (HA-4)	10	10	4
	Cowpea	ICM in vegetable Cowpea (Arka Garima)	10	10	4
	Yardlong bean	Introduction of High yielding IIHR Yard Long bean variety Arka Mangala	20	20	2

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
	Arecanut	Integrated Crop Management in Arecanut	6	6	3
Integrated Disease Management	Blackpepper	Foot rot Disease Management in Black Pepper	10	10	1
	Udupi Jasmine	Integrated Pest and Disease management in Udupi jasmine	10	10	1
Weed Management	Brinjal	Use of Polythene mulch and Arka Microbial Consortium in Brinjal cultivation	3	3	0.6
Farm Machineries	Paddy	Weed management in paddy through power operated paddy weeder	9	9	4
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total			118	118	

4.B.2. Technologies Refined under various Crops –Nil-

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					

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

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management	Fish	Culture of fresh water prawn in polyculture system along with Catla and Rohu.	6	6
	Fish	Dissemination of Pangassius farming technology in seasonal water bodies.	4	4
	Fish	Production of Grass carp stunted fingerlings in farm ponds	6	6
	Fodder	Demonstration of fodder bank with high yielding fodder varieties	6	6
Feed and fodder				
Small scale income generating enterprises				
Total			22	22

4.B.4. Technologies Refined under Livestock and other enterprises – Nil-

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management				
Feed and fodder				
Small scale income generating enterprises				
Total				

4.C1. Results of Technologies Assessed

Results of On Farm Trial

OFT 1: Assessment of Groundnut varieties for varietal replacement and higher productivity in paddy fallows of Udupi 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
Groundnut	Rainfed	Low yield, Old variety, Moisture stress, Nutrient management	Assessment of Groundnut varieties for varietal replacement and higher productivity in paddy fallows of Udupi district	3	Varietal trial	Growth and Yield parameters	Q/ha	Among the different varieties tried ICGV-91114 was found superior than other varieties	ICGV 91114 is good during terminal moisture stress	-	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 (Farmer's practice) TMV-2	Farmers Practice	28.00	q/ha	96200	5.49
Technology option 2- K-6	ANGRAU	27.50	q/ha	94100	5.39
Technology option 3- ICGV 91114	ICRISAT	28.50	q/ha	98300	5.59
Technology option 4- G2-52	UASD	28.00	q/ha	96200	5.49
Technology option 5- GPBD-4	UASD	27.62	q/ha	94604	5.42

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

1.	Title of Technology Assessed	:	Assessment of Groundnut varieties for varietal replacement and higher productivity in paddy fallows of Udupi district
2.	Problem Definition -	:	Low yield, Old variety, Moisture stress, Nutrient management
3.	Details of technologies selected for assessment	:	Technology option 1 (Farmer's practice) TMV-2 Technology option 2- K-6 Technology option 3- ICGV 91114 Technology option 4- G2-52 Technology option 5- GPBD-4
4.	Source of technology	:	ANGRAU , ICRISAT,UASD
5.	Production system and thematic area	:	Varietal assessment
6.	Performance of the Technology with performance indicators	:	ICGV-91114 performed better than other assessed varieties
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	ICGV 91114 is good during terminal moisture stress
8.	Final recommendation for micro level situation	:	ICGV-91114 has been taken for frontline demonstration in large scale during 2016-17

9.	Constraints identified and feedback for research	:	Farmers need of Groundnut varieties which is having less than 100 days duration
10.	Process of farmers participation and their reaction	:	Involved in cultivation of varieties, training programmes and field day, Group discussion meetings

2. Assessment of Paired row planting system in Banana var. Puttbale –On going

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Banana	Irrigated	Inefficient use of natural resources, Low plant density leading to yield reduction	Assessment of Paired row planting system in Banana var. Puttbale	3		Plant height, No. of hands/bunch, Yield	Cms Nos t/ha	On going			

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 -2 X 2 m single row (2225 pl/ha)	Farmers practice				
Technology option 2- 1.8 X 1.8 m single row (3000 pl/ha)	UAS (B)				
Technology option 3- Paired row system of planting 1.2 X 1.2 X 2.0 (5200 pl/ ha)	NRC, Trichy				
On going					

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

1.	Title of Technology Assessed	:	Assessment of Paired row planting system in Banana var. Puttbale
2.	Problem Definition -	:	Inefficient use of natural resources, Low plant density leading to yield reduction
3.	Details of technologies selected for assessment	:	Technology option 1 -2 X 2 m single row (2225 pl/ha) Technology option 2- 1.8 X 1.8 m single row (3000 pl/ha) Technology option 3- Paired row system of planting 1.2 X 1.2 X 2.0 (5200 pl/ ha)
4.	Source of technology	:	UAS (B), NRC, Trichy
5.	Production system and thematic area	:	On going
6.	Performance of the Technology with performance indicators	:	
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	
8.	Final recommendation for micro level situation	:	
9.	Constraints identified and feedback for research	:	
10.	Process of farmers participation and their reaction	:	

3. Introduction of Pearl spot to Evaluate the growth performance in coastal farm ponds

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the param eter	Results of assessment	Feedback from the farmer	Any refinement needed	Justifica tion for refineme nt
1	2	3	4	5	6	7	8	9	10	11	12
Fish	-	Low producti on of fresh water fish Sp.	Introduc tion of pearl spot to evaluate the growth performa nce of Pearl spot in coastal farm ponds	4		Average length, Average weight Yield	Cms Kgs Kgs	On going			

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / ha	BC Ratio
13	14	15	16	17	18
Technology option 1- Common carp fish finger lings	Farmers Practices				
Technology option 2 - Pearl spot fish finger lings and feed	CMFRI, Kochi				
Technology option 3- Pearl spot finger lings Catla & Rohu	CMFRI, Kochi				
On going					

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

1.	Title of Technology Assessed	:	Introduction of Pearl spot to Evaluate the growth performance in coastal farm ponds
2.	Problem Definition -	:	Low production of fresh water fish Sp.
3.	Details of technologies selected for assessment	:	Technology option 1- Common carp fish finger lings Technology option 2 - Pearl spot fish finger lings and feed Technology option 3- Pearl spot finger lings Catla & Rohu
4.	Source of technology	:	CMFRI, Kochi
5.	Production system and thematic area	:	On going
6.	Performance of the Technology with performance indicators	:	
7.	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	
8.	Final recommendation for micro level situation	:	
9.	Constraints identified and feedback for research	:	
10.	Process of farmers participation and their reaction	:	

4.D1. Results of Technologies Refined –Nil-

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2015-16

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	
	Oilseeds													
1.		Rice fallow	Rabi	Sesamum	DS-5	-	Varietal Evaluation	Introduction of white seeded Sesamum DS-5 variety	4	4	-	10	10	-
2.	Pulses	Rice fallow	Rabi	Cowpea	Arka Garima	-	ICM	ICM in vegetable Cowpea (Arka Garima)	4	4	-	10	10	
		Rice fallow	Rabi	Field bean	HA-4	-	ICM	introduction of field bean variety HA-4	4	4	-	10	10	
	Cereals													
2.		Rainfed	Kharif	Paddy	MO-4	-	Farm mechanization	Power operated paddy weeder	4	4	-	9	9	
	Millets													
	Vegetables													
6.		Rice fallow	Rabi	Yard long bean	Arka Mangala	-	ICM	Introduction of high yielding variety	2	2	-	20	20	

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	
		Irrigated	Rabi	Brinjal	Mattugulla	-	Integrated weed management	Use of mulching sheets and arka microbial consortium	0.6	0.6	-	3	3	
		Rainfed	Rabi	Brinjal	Mattugulla	-	Integrated Management Shoot and Fruit Borer in Brinjal	Integrated Management Shoot and Fruit Borer in Brinjal	2.5	2.5	-	10	10	
	Flowers													
		Irrigated	Rabi	Jasmine	Udupi mallige	-	IPDM	Integrated Pest and Disease management in Udupi jasmine	1	1		10	10	
	Ornamental													
	Fruit													
	Spices and condiments													
		Irrigated	Kharif	Pepper	Panniyur-1		IPDM	Foot rot Disease Management in Black Pepper	1	1	-	10	10	
		Irrigated	Khariff	Pepper	Panniyur-1	-	ICM	Foliar nutrition of Black Pepper by pepper special for	1	1	-	15	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	
								higher yield						
	Commercial													
	Medicinal and aromatic													
	Fodder													
		Homestead	Summer	Fodder	DHN – 6, COFC – 8 and SAT maize		Production and Management	Demonstration of fodder bank with high yielding fodder varieties	-	-	-	6	6	
	Plantation													
		Irrigated	Perennial	Arecanut	Mangala	-	ICM	Integrated crop management in Arecanut	3	3		6	6	
	Dairy													
		Home stead	-	Fishery	Catla, Rohu		Production and Management	Culture of fresh water prawn in Polyculture system along with Catla and Rohu.	-	-	-	6	6	
		Homestead	-	Fishery	Pangasius fish	-	Production and Management	Culture of Pangassius fish in seasonal water bodies	-	-	-	4	4	

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	
	post													
	Sericulture													
	Apiculture													
	Implements													
	Others (specify) (Nutrition garden)	Rainfed	Rabi	Cowpea, Amaranthus, Brinjal Lady's finger	-	-	INM	Demonstration of Nutrition Garden for Nutrition Security among School Children	80 sq meters	80 sq meters	-	5	5	

5.A. 1. Soil fertility status of FLDs plots during 2015-16

Sl. No	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil (kg/ha)			Previous crop grown
										N	P	K	
	Oil seeds												
1.		Rice fallow	Rabi	Sesamum	DS-5	-	Varietal Evaluation	Introduction of white seeded sesamum DS-5 variety	Rabi	310	60	90	Rice
	Pulses												
2.		Rice fallow	Rabi	Cowpea	Arka Garima	-	ICM	ICM in vegetable Cowpea (Arka Garima)	Rabi	280	54	110	Rice
3.		Rice fallow	Rabi	Field bean	HA-4	-	ICM	Introduction of field bean variety HA-4	Rabi	290	58	115	Rice
	Cereals												
4.		Rainfed	Khariff	Paddy	MO-4	-	Farm Mechanization	Power operated paddy weeder	Khari ff	260	52	120	Pulse
	Millets												
	Vegetables												
5.		Rice fallow	Rabi	Yard Long Bean	Arka Mangala	-	ICM	Introduction of high yielding variety	Rabi	250	50	110	

Sl. No	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil (kg/ha)			Previous crop grown
										N	P	K	
	ments												
9.		Irrigated	Kharif	Pepper	Panniyur-1		IPDM	Foot rot Disease Management in Black Pepper	Khariff	265	56	97	
10.		Irrigated	Khariff	Pepper	Panniyur-1	-	ICM	Foliar nutrition of Black Pepper by pepper special for higher yield	Khariff	254	49	110	
	Commercial												
	Medicinal and aromatic												
	IFS												
	Fodder												
11.		Homestead	Summer	Fodder	DHN – 6, COF C – 8		Production and Manag	Demonstration of fodder bank with high yielding	Summer	-	-	-	

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																			
	Introduction of white seeded sesamum DS-5 variety	DS-5	-	Rice fallow	10	4	4.55	3.80	4.23	4.30	-	19830	50760	30930	2.55	18300	34400	16100	1.88
Pulses																			
	ICM in vegetable Cowpea (Arka Garima)	Arka Garima	-	Rice fallow	10	4	60	56	58	52	11.15	26840	58000	31160	2.16	24790	52000	27210	2.09
	Introduction of field bean variety HA-4	HA-4	-	Rice fallow	10	4	20.00	16.5	19.20	15.50	23.8	18620	38400	19780	2.06	15890	31000	15110	1.95
Cereals																			
	Power operated paddy weeder	MO-4	-	Rainfed	9	4	39	36	38	36.5	4.10	21500	49400	27900	2.29	25100	47450	22350	1.89
Millets																			
Vegetables																			
	Introduction of High yielding IHR Yard Long bean variety <i>Arka Mangala</i>	Arka Mangala	-	Rice fallow	20	2	165.9	135.0	151.10	114.0	32.25	88325	283999	195674	3.21	77113	201926	124813	2.61

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										
	Use of mulching sheets and arka microbial consortium	Mattugulla	-	Irrigated	3	0.6	274.5	224.50	244.60	198.6	23.16	129066	453886	324820	3.51	105600	297000	191400	2.81
	Integrated Management Shoot and Fruit Borer in Brinjal	Mattugulla	-	Rainfed	10	2.5	340	325	332.5	273	21.7	76475	256130	179655	3.35	62990	181600	118610	2.88
Flowers																			
	Integrated Pest and Disease management in Udupi jasmine	Udupi mallige	-	Irrigated	10	1	On going												
Ornamental																			
Fruit																			
Spices and condiments																			
	Foot rot Disease Management in Black Pepper	Panniyur-1	-	Irrigated	10	1	15.5	10.9	13.6	10.9	24.77	84410	341500	257090	4.04	60295	194725	134430	3.22
	Foliar nutrition of Black Pepper by pepper special for higher yield	Panniyur-1	-	Irrigated	15	1	15.90	10.40	13.40	10.52	27.37	76046	337166	261120	4.43	63916	229033	165117	3.58

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										
Commercial																			
Fibre crops like cotton																			
Medicinal and aromatic																			
Fodder																			
	Demonstration of fodder bank with high yielding fodder varieties	DHN – 6, COFC – 8 and SAT maize	-	Homestead	6														
Plantation																			
	Integrated crop management in Arecanut	Mangala	-	Irrigated	6	3													
Fibre																			
Others (pl. specificity)																			
	Demonstration of Nutrition Garden for Nutrition Security among School Children	Cowpea, Amaranthus, Brinjal, Lady's finger	-	Rabi	5	80 sq meters	126	48	70	58	20.68	44985.5	121000	760145	2.68	-	-	-	-

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

** BCR= GROSS RETURN/GROSS COST

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

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

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

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

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit)				*Economics of check (Rs./unit)					
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A											
Dairy																		
Poultry																		
Rabbitry																		
Pigerry																		
Sheep and goat																		
Duckery																		
Others (pl.specify)																		

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

** BCR= GROSS RETURN/GROSS COST

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

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

5.B.3. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units / Area (m ²)	Yield (q/ha)			% Increase	*Economics of demonstration Rs./unit) or (Rs./m2)				*Economics of check Rs./unit) or (Rs./m2)			
					Demo				Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A									
Catla, Rohu	Culture of fresh water prawn in Polyculture system along with Catla and Rohu.	Catla, Rohu	6	-	Progress of Previous Demonstration											
					Species	Average Initial Length	Average Initial Weight	Growth at 3 rd month		Growth at 6 th month						
								Length	Weight	Length	Weight					
					Prawn	PL 20	-	10 cm	20 gm	16 cm	48 gm					
					Catla	6.25cm	3 g	16.5 cm	115 g	26 cm	750 g					
					Rohu	6.00 cm	2.5 g	18 cm	110 g	27 cm	625 g					
Local check Species cultured Common carp	5.0 cm	2.0 g	11 cm	200 g	19 cm	400 g										
Pangassius fish	Dissemination of Pangasius farming technology in seasonal water bodies	Pangassius fish	4		Progress of Previous Demonstration											
					Species	Average Initial Length	Average Initial Weight	Growth at 2 nd month		Growth at 4 th month						
								Length	Weight	Length	Weight					
					Pangasius	5.5 cm	2.5	10 cm	35 g	12 cm	80 g					
					Silver carp	5.5 cm	3 g	12 cm	60 g	14 cm	75 g					
Local check Species cultured Common carp	5.0 cm	2.0 g	8 cm	60 g	12cm	100 g										

Grass carp	Production of Grass carp stunted fingerlings in farm ponds	Grass carp	6	Progress of Previous Demonstration															
				Stocking Density	Average Initial Length	Average Initial Weight	Growth at 30 th Day		Growth at 60 th Day										
							Length	Weight	Length	Weight									
				200	2.00 cm	1.5 g	2.9 cm	2.4 g	3.7 cm	3.5 g									
				300	2.00 cm	1.5 g	2.5 cm	2.00 g	2.9 g	3.1 cm									
400	2.00 cm	1.5 g	2.8 cm	2.2 g	3.4 cm	3.2 g													
Mussels																			
Ornamenta 1 fishes																			
Others (pl.specify)																			

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

5.B.4. Other enterprises –Nil-

Enterprise	Name of the technology demonstrated	Variety/species	No. of Demo	Units/Area {m ² }	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m ²)				*Economics of check (Rs./unit) or (Rs./m ²)				
					Demo				Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A										
Oyster mushroom																	
Button mushroom																	
Vermicompost																	
Sericulture																	
Apiculture																	
Others (pl.specify)																	

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

5.B.5. Farm implements and machinery –Nil-

Name of the implement	Cost of the implement in Rs.	Name of the technology demonstrated	No. of Demo	Area covered under demo in ha	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check			Gross cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

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

** BCR= GROSS RETURN/GROSS COST

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

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

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

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	3	73	
2	Farmers Training	59	2548	
3	Media coverage	57		
4	Training for extension functionaries	4	109	
5	Others (Please specify)			

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

H-High L-Low, A-Average

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	16	370	254	624	45	29	74	415	283	698

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	1	13	9	22	5	4	9	18	13	31
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques	1	99	33	132	15	7	22	114	40	154
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management	1	3	35	38	0	4	4	3	39	42
Management of potted plants										
Export potential of ornamental plants	1	150	25	175	18	6	24	168	31	199
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology	4	35	41	76	1	9	10	36	50	86
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology	2	31	10	41	-	-	-	31	10	41

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-fertilizer production										
Vermi-compost production	1	60	12	72	-	-	-	60	12	72
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify) Information about agriculture										
TOTAL	38	1245	534	1779	97	72	169	1342	606	1948

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	15	10	25	-	-	-	15	10	25
Integrated Pest and disease Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	1	25	5	30	-	-	-	25	5	30
Livestock feed and fodder production										
Household food security										
Integrated crop management										
Total	2	40	15	55	-	-	-	40	15	55

7.G. Sponsored training programmes conducted

S.No.	Area of training	No. of Courses	No. of Participants											
			General			SC/ST			Grand Total					
			Male	Female	Total	Male	Female	Total	Male	Female	Total			
1	Crop production and management													
1.a.	Increasing production and productivity of crops	1	24	5	29	-	-	-	24	5	29			
1.b.	Commercial production of vegetables													
2	Production and value addition													
2.a.	Fruit Plants													
2.b.	Ornamental plants													
2.c.	Spices crops													
3.	Soil health and fertility management													
4	Production of Inputs at site													
5	Methods of protective cultivation													
6	Others (pl.specify)													
7	Post harvest technology and value addition													
7.a.	Processing and value addition													
7.b.	Others (pl.specify)													
8	Farm machinery													
8.a.	Farm machinery, tools and implements	2	46	14	60	-	-	-	46	14	60			
8.b.	Others (pl.specify)													
9.	Livestock and fisheries													
10	Livestock production and management													
10.a.	Animal Nutrition Management													
10.b.	Animal Disease Management													
10.c.	Fisheries Nutrition													
10.d.	Fisheries Management													
10.e.	Others (pl.specify)													
11.	Home Science													
11.a.	Household nutritional security													
11.b.	Economic empowerment of women	4	0	100	100	-	-	-	0	100	100			
11.c.	Drudgery reduction of women													
11.d.	Others (pl.specify)													
12	Agricultural Extension													
12.a.	Capacity Building and Group Dynamics	1	21	4	25	-	-	-	21	4	25			
12.b.	Protection of plant varieties and farmers right act-2001													
	Total	8	91	123	214				91	123	214			

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

S.No.	Area of training	No. of Courses	No. of Participants											
			General			SC/ST			Grand Total					
			Male	Female	Total	Male	Female	Total	Male	Female	Total			
1	Crop production and management													
1.a.	Commercial floriculture													
1.b.	Commercial fruit production													
1.c.	Commercial vegetable production													
1.d.	Integrated crop management													
1.e.	Organic farming													
1.f.	Others (pl.specify)													
2	Post harvest technology and value addition													
2.a.	Value addition													
2.b.	Others (pl.specify)													
3.	Livestock and fisheries													
3.a.	Dairy farming													
3.b.	Composite fish culture													
3.c.	Sheep and goat rearing													
3.d.	Piggery													
3.e.	Poultry farming													
3.f.	Ornamental fish farming													
4.	Income generation activities													
4.a.	Vermi-composting													
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.													
4.c.	Repair and maintenance of farm machinery and implements													
4.d.	Rural Crafts													
4.e.	Seed production	1	-	-	-	15	8	23	15	8	23			
4.f.	Sericulture													
4.g.	Mushroom cultivation													
4.h.	Nursery, grafting etc.													
4.i.	Tailoring, stitching, embroidery, dying etc.													
4.j.	Agril. para-workers, para-vet training													
4.k.	Beekeeping													
5	Agricultural Extension													
5.a.	Capacity building and group dynamics													
5.b.	Others (pl.specify)													
	Grand Total	1	-	-	-	15	8	23	15	8	23			

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	3	55	9	64	7	3	10	-	-	-
Krishimela (Participated & Exhibited)	4	14300	2100	16400	990	610	1600	-	-	-
Method Demonstrations	22	100	100	200	150	10	160	7	2	9
Farmers Seminar	7	197	-	197	10	3	13	-	-	-
Workshop	3	63	17	80	7	3	10	-	-	-
Group meetings	40	300	150	450	50	-	50	10	2	12
Lectures delivered as resource persons	80	4400	2100	6500	56	40	96	-	-	-
Newspaper coverage	46	-	-	-	-	-	-	-	-	-
Radio talks	10	-	-	-	-	-	-	-	-	-
TV talks	1	-	-	-	-	-	-	-	-	-
Popular articles	13	-	-	-	-	-	-	-	-	-
Popular articles published in farm magazines	6	-	-	-	-	-	-	-	-	-
Research papers published in scientific journals	4	-	-	-	-	-	-	-	-	-
Extension Literature	13	-	-	-	-	-	-	-	-	-
Advisory Services	704	597	57	654	37	13	50	-	-	-
Scientific visit to farmers field	131	103	3	106	75	10	85	-	-	-
Farmers visit to KVK	3366	2996	190	3186	101	79	180	-	-	-
Diagnostic visits	19	27	4	31	7	4	11	-	-	-
Exposure visits	-	-	-	-	-	-	-	-	-	-
Farm trials	1									
Ex-trainees Sammelan										
Soil health Camp										
Animal Health Camp	1	23	7	-	-	-	-	-	-	-
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days	7	350	77	427	80	7	87	-	-	-
Video/CD/Film shows	27									
Farmers –Scientist interaction	13	33	10	43	-	-	-	-	-	-

Bi-monthly	3									
Tri-monthly	3									
SMS messages	24	2997	340	3337	297	133	430	-	-	-
Soil health day	1	67	3	70	-	-	-	-	-	-
Kharif Mela	1	7300	2700	10000	-	-	-	-	-	-
Jack Mela-2015	1	4700	1300	6000	-	-	-	-	-	-
Any Other (Specify)					-	-	-	-	-	-
Total	4554	38608	9167	47745	1867	915	2782	17	4	21

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 (kgs)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Lady's finger	Halu Bhendi	-	62.43 kgs	74916	117
	Cowpea	Arka Mangala	-	7.11 kgs	80	2 (6 kgs 31 grams in stock)
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total						

9.B. Production of planting materials by the KVKs

<i>Crop category</i>	<i>Name of the crop</i>	<i>Variety</i>	<i>Hybrid</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Commercial						
Vegetable seedlings						
Fruits	Papaya	Taiwan Red lady	-	1238	18570	223
	Sapota	Kalipatti	-	35	1750	20
	Sapota	Cricketball	-	33	1650	15
Ornamental plants						
Medicinal and Aromatic						
Plantation	Cashew	Ullal-1	-	4441	88820	345
	Coconut	West coast tall		1113	55650	300
	Coconut	Chough at orange dwarf		134	10050	52
	Arecanut	Mohit Nagar	-	3924	78480	527
Spices						
	Bush pepper	Paniyur – 1		129	3720	15
	Black pepper	Local Pepper		3353	33530	347
Fodder crop saplings						
Forest Species						
Others(specify)	Jasmine	Udupi Mallige		1248	31200	725
Total					323420	

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

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others (specify) Banana fruit	Puttabale	276 kgs	5520	53
Total			5520	

9.D. Production of livestock materials

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry	Giriraja	2068	170270	287
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Rabbits	9	3150	5
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries	Aquarium fish	47	282	3
	Catla	10 kgs	1000	2
	Common carp	7.5 kgs	750	2
	Ornamental fish	25	150	4
Fingerlings				
Others (Pl. specify)				

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

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

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Research Papers			
Abstract	1. Impact of demonstration on growth and yield of banana through bunch feeding and micro nutrient spraying coastal Karnataka of Udupi District	Mr. Chaitanya H.S Dr. B. Dhananjaya Dr. N.E. Naveen	
	2. Evaluating black gram varieties with farmers in Udupi District of Coastal Karnataka	Dr. N.E. Naveen Dr. B. Dhananjaya Mr. Chaitanya H.S	
	3. Impact of assessment of Okra crop production practices for coastal Karnataka	Mr. Chaitanya H.S Dr. B. Dhananjaya Dr. N.E. Naveen	
	4. Impact of Frontline Demonstration on productivity of Groundnut in farmers fields of Udupi District	Dr. N.E. Naveen Mr. Chaitanya H.S Dr. B. Dhananjaya	
	5. Popularization of mechanized technologies in paddy through front line demonstrations in coastal Karnataka of Udupi District	Dr. N.E. Naveen Dr. B. Dhananjaya Mr. Chaitanya H.S	
Technical reports			
Folders	Value addition of Cashew apple	Dr. Satheesh N.	
Technical bulletins	Improved cultivation practices in Black pepper	Dr. B. Dhananjaya	
	Production technology and value addition in jack	Dr. Jayalaxmi Narayan Hegde	
	Improved cultivation practices in coastal horticulture crops	Mr Chaitanya H.S.	
Popular articles	Management of salvinia molesta a problematic weed in coastal	Dr. N.E. Naveen	

	Karnataka		
	ಉಡುಪಿಯಲ್ಲಿ ಅಂತರ್ ಗಂಗೆ ಹತೋಟಿಗೆ ದುಂಬಿ ಪ್ರಯೋಗ	Dr. N.E. Naveen	
	ಮನ ಕುಲಕ್ಕೆ ವರದಾನವಾದ ಕಹಿ ಬೇವು	Mr Chaitanya H.S.	
	ಲಾಭದಾಯಕ ಜೇನು ಕೃಷಿ : ಜೇನು ಸಾಕಾಣಿಕೆ ಮತ್ತು ಅದರ ಪ್ರಯೋಜನಗಳು	Mr Chaitanya H.S.	
	ಬಾಳೆ ಬೆಳೆಯಲ್ಲಿ ಕೀಟ ಮತ್ತು ರೋಗಗಳ ಸಮಗ್ರ ನಿರ್ವಹಣೆ	Mr Chaitanya H.S.	
	ಅಡಿಕೆ ಬೇರು ಹುಳುವಿನ ಬಾಧೆ ಮತ್ತು ಸಮಗ್ರ ನಿರ್ವಹಣೆ	Mr Chaitanya H.S.	
	ಕರಿಮೆಣಸು ಬೆಳೆಯ ಸಾವಯವ ಉತ್ಪಾದನಾ ತಾಂತ್ರಿಕತೆಗಳು ಹಾಗೂ ಸೊರಗು ರೋಗದ ಸಮಗ್ರ ಹತೋಟಿ ಕ್ರಮಗಳು.	Mr Chaitanya H.S.	
	ಅಂಗಾಂಶ ಕೃಷಿಯಿಂದ ಸ್ವಾವಲಂಬನೆಯ ಬದುಕು ಕಂಡ ಕರಾವಳಿ ಮಹಿಳೆಯ ಯಶೋಗಾಥೆ	Mr Chaitanya H.S.	
Training manual	ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಸಸ್ಯಾಭಿವೃದ್ಧಿ -ಪ್ರಾಯೋಗಿಕ ಕೈಪಿಡಿ	Mr Chaitanya H.S.	
Extension literature	ಹಲಸು ಮಾಹಿತಿ ಕೈಪಿಡಿ	Mr Chaitanya H.S.	
	ಗೇರು ಕೃಷಿಯಲ್ಲಿ ಉತ್ಪಾದನ ತಂತ್ರೀಕತೆಗಳು	Mr Chaitanya H.S.	
	ಸಸ್ಯ ತಳಿಗಳ ಸಂರಕ್ಷಣೆ ಮತ್ತು ರೈತರ ಹಕ್ಕುಗಳ ಕಾಯಿದೆ 2001- ಮಾಹಿತಿ ಕೈಪಿಡಿ	Mr Chaitanya H.S.	
	ತೋಟಗಾರಿಕೆ ಬೆಳೆಗಳ ಸಸ್ಯಾಭಿವೃದ್ಧಿ - ತರಬೇತಿ ಕೈಪಿಡಿ	Mr Chaitanya H.S.	
	ಕರಿಮೆಣಸು - ಕಪ್ಪು ಹೊನ್ನು: ಮಾಹಿತಿ ಕೈಪಿಡಿ	Mr Chaitanya H.S.	
	ಕರಾವಳಿಯ ತೋಟದ ಬೆಳೆಗಳ ಸುಧಾರಿತ ಬೇಸಾಯ ಕ್ರಮಗಳು	Mr Chaitanya H.S.	
Others (Pl. specify)			
TOTAL			

10.B. Details of Electronic Media Produced-Nil-

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

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

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

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

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

<i>S. No.</i>	<i>Crop / Enterprise</i>	<i>ITK Practiced</i>	<i>Purpose of ITK</i>
1.	Paddy, Jasmine, Vegetables etc	Lakki (Nekki) soppu, kirathakaddy soppu, kasarka (kasana) soppu, beedi soppu, Tulsi soppu. <ul style="list-style-type: none"> • Mix all the above botanicals in equal proportions (2 kg each) • Dip the above mixture for 15 days in water • Mix the above 1 L. of extract in 4 L. of water use it to all the crops 	To control pests like White flies, Case worm, Army worm and other insects To manage root grubs along with the extract use lime and neem cake
2.	Jasmine	Mixture of wild plants extracts Viz., Kasaraka , kamti, beedi, kirathaka and Aadusoge soppu	To combat the Sucking pest menace in Jasmine
3	Jeevamrutha	Bengal gram flour -2 kg Jaggery - 2 kg Cowdung - 5 kg Cow urine (local) – 5 L. Top soil – 2 kg	If it is used once in a month we can get good crop yield

		Groundnut cake – 2 kg Sour butter milk – 2 L. Mix it well in copper container and leave it for 5-7 days Filter it and spray to any crops	
4	Milch animals	Black pepper, Mangana balli, Kodasana togate, Garlic, Jeerige, Chilli, Onion, Ginger, wild ginger, Ane moogina thogate, Jaggery, Vante huli mix the above botanics and grind it	Cough, fever, cold gastric and diseases related to tail can be managed

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

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

10.G. Field activities

- i. Number of villages adopted-19
- ii. No. of farm families selected -146
- iii. No. of survey/PRA conducted-6

10.H. Activities of Soil and Water Testing Laboratory

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

1. Year of establishment : 2002

2. List of equipments purchased with amount :

<i>Sl. No</i>	<i>Name of the Equipment</i>	<i>Qty.</i>	<i>Cost</i>
1.	Autoclave- Vertical	1	25,500
2	Combined Electrode Model CL -518	1	1,000
3	Digital Conductivity meter	1	7,400
4	Digital Micropipettes	1	18,827
5	Digital PH meter	1	8,550
6	Double glass distillating unit	1	49,000
7	Ducting from fume cupboard	1	23,000
8	Electronic Acid Neutralizer scrubber	1	24,000
9	Electronic automatic kel plus microprocessor (Digestion system)	1	53,000
10	Electronic automatic kel plus microprocessor (Distillation system)	1	86,000
11	FGL I 615 PH meter	1	6,346
12	Flame photometer	1	39,000
13	Fume cup board	1	42,000
14	Hot air oven	1	20,000
15	Hot air oven PSM make	1	18,370
16	Hot plate with thermostatic control	1	9,600
17	Laminar air flow	1	44,900
18	LG Frost free refrigerator	1	22,000
19	Magnetic stirrer with hot plate	1	5,500
20	Physical balance	1	12,000
21	Research Microscopes	1	59,160
22	Rotary Shaker	1	28,000
23	Spectrophotometer	1	46,200
24	Top loading balance	1	49,000

Details of samples analyzed so far since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	3049	2827	1627	95970
Water Samples	570	488	421	38200
Plant samples				
Manure samples				
Others (specify)				
Total	3619	3315	2048	134170

Details of samples analyzed during the 2015-16 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	225	127	47	11250
Water Samples	100	98	67	10000
Plant samples	-			
Manure samples	-			
Others (specify)	-			
Total	325	225	114	21250

10.I. Technology Week celebration during 2015-16 Yes/No, If Yes

Period of observing Technology Week: From 01.12.2015 to 05.12.2015

Total number of farmers visited : 415

Total number of agencies involved : 5

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

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized	18	187	<ul style="list-style-type: none"> ❖ Paddy and paddy based cropping system, ❖ Cashew and other horticulture crops, ❖ Dairy management, ❖ Jasmine and Vegetable cultivation ❖ Soil health management
Exhibition (Participated & Exhibited)	2	8000	
Film show	5	10000	
Fair	1	10000	
Farm Visit	131	191	Paddy, Swarnadhara poultry, vegetable crops, horticulture crops,
Diagnostic Practical's	19	42	Groundnut, Pepper, Brinjal, Arecanut
Supply of Literature (No.)	4		Value addition of cashew apple
			Improved cultivation practices in Black pepper
			Production technology and value addition in jack
			Improved cultivation practices in coastal horticultural crops
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)			4
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	
Supply of fingerlings	6	11	Catla, Rohu, common carp
Supply of Livestock specimen	1	287	Giriraja poultry birds

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
(No.)			Rabbit(Newzeland white and Russain grey giant)
Total number of farmers visited the technology week	5	415	<ol style="list-style-type: none"> 1. Improved cultivation practices in spice crops 2. Improved cultivation practices in Udupi Jasmine, Chrysanthemum and prominence for floriculture 3. Vermi compost and vermi wash production technology 4. Value addition of Bakery 5. Soil health day

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

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	15	50 (under Bhoo Samrudhi Yojana)
Pulses	10	40
Cereals		
Vegetable crops	2.6	23
Tuber crops		
Total		

C. Farmers-scientists interaction on livestock management - Nil

State	Livestock components	Number of interactions	No.of participants
Total			

D. Animal health camps organized

State	Number of camps	No.of animals	No.of farmers
Karnataka	1	87	47
Total			

E. Seed distribution in drought hit states- Nil-

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

F. Large scale adoption of resource conservation technologies –Nil-

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

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
					3	74	1	10000	2	8000	5	10000
Total					3	74	1	10000	2	8000	5	10000

PART XI. IMPACT

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

<i>Name of specific technology/skill transferred</i>	<i>No. of participants</i>	<i>% of adoption</i>	<i>Change in income (Rs.)</i>	
			<i>Before (Rs./ha)</i>	<i>After (Rs./ha)</i>
Introduction of high yielding DS-5 white seeded Sesamum variety in paddy fallows	10	100%	16100	30930
ICM in vegetable Cowpea	10	100%	27210	31160
ICM in Fieldbean	10	100%	15110	19780
Mechanization in paddy(Power operated Paddy weeder)	9	100%	22350	27900
Introduction of High yielding IIHR Yard Long bean variety <i>Arka Mangala</i>	20	100%	120000	190000
Foot rot disease management in Black pepper	10	80%	130000	240000
Foliar nutrition of Black Pepper by pepper special for higher yield	15	85%	160000	260000
Use of Polythene mulch and Arka Microbial Consortium in Brinjal cultivation	3	100%	183400	324820
Integrated Management Shoot and Fruit Borer in Brinjal	6	100%	118610	179655
Demonstration of Nutrition Garden for Nutrition Security among School Children	5	100%	-	75212

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

11.B. Cases of large scale adoption

(Please furnish detailed information for each case)

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

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

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

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

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

Name of the scheme	Role of KVK	Date/ Month of initiation	Funding agency	Amount (Rs.)
Sanjeevini coconut training programme	Training and capacity building	07.04.2015 to 11.04.2015	Director, Sanjeevini, Sheshadripuram, Bangalore	84840/-
		26.05.2015 to 30.05.2015	Director, Sanjeevini, Sheshadripuram, Bangalore	84840/-
DCCD (Directorate of Cashew and Coco Development, Kerala)	Cashew apple utilization for unemployed women	20.04.2015 22.04.2015 27.04.2015	DCCD, Kochi	50000/-
	Cashew processing and its value addition	05.05.2015	DCCD, Kochi	50000/-

12.C. Details of linkage with ATMA

- a) Is ATMA implemented in your district
If yes, role of KVK in preparation of SREP of the district?

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

Coordination activities between KVK and ATMA during 2015-16

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings	2	2		
02	Research projects				
03	Training programmes			-	
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela				
	Technology Week	1	1		Vermi compost and vermin wash
	Exposure visit				
	Exhibition				
	Soil health camps as resource	6	6		
	Animal Health Campaigns				
	Others (Pl. specify) /Field day	3	3		
06	Publications				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others (Pl. specify)				
07	Other Activities (Pl. specify)				
	Watershed approach				

	Integrated Farm Development				
	Agripreneurs development				

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

No.	S. Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Constraints if any
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12.E. Nature of linkage with National Fisheries Development Board -Nil-

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
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12.F. Details of linkage with RKVY -Nil-

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
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1. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No of farmers	No. of feedback / query on SMS sent
April 2015	1	ತೆಂಗಿನ ರೈನೋಸರಸ್ ದುಂಬಿಯ ಹತೋಟಿಗೆ ದುಂಬಿಗಳನ್ನು ತೆಗೆದು ಪೋರೇಟ್ 10 ಜಿ - 10 ಗ್ರಾಂ ಸಮಪ್ರಮಾಣದ ಮರಳಿನ ಜೊತೆ ಮಿಶ್ರ ಮಾಡಿ ಪ್ರತಿ ಮರದ ಸುಳಿಗೆ ಹಾಕಿ	1019	
May 2015	1	ಅಡಿಕೆ ಬೆಳೆಗಾರರು ಕೊಳೆರೋಗದ ಯಶಸ್ವೀ ಹತೋಟಿಗೆ ಶೇ 1 ರ ಬೋರ್ಡೋ ದ್ರಾವಣವನ್ನು ಮೇ ಕೊನೆಯ ವಾರದಲ್ಲಿ ಮುಂಜಾಗುರುತ ಕ್ರಮವಾಗಿ ಅಡಿಕೆ ಬೆಳೆಗೆ ಸಿಂಪಡಿಸಬೇಕು	1019	
June 2015	1	ಉಡುಪಿ ಮತ್ತು ಸುತ್ತಮುತ್ತಲ ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಮಳೆಯಾಗಿರುವುದರಿಂದ ರೈತರು ಮಾಗಿ ಉಳುಮೆ ಮಾಡಿ ಗದ್ದೆಗಳನ್ನು ಭತ್ತದ ನಾಟಿಗೆ ಸಿದ್ಧತೆ ಮಾಡಿ ಕೊಳ್ಳಬೇಕು. ಮಾಗಿ ಉಳುಮೆ ಮಾಡುವಾಗ ಎಕರೆಗೆ 150 ಕೆ. ಜಿ ಬೇವಿನ ಹಿಂಡಿ ಹಾಕಿದರೆ ಮುಂದೆ ಬರುವ ಕೀಟ ಮತ್ತು ರೋಗಗಳನ್ನು ನಿಯಂತ್ರಿಸಬಹುದಾಗಿದೆ	1513	

July 2015	6	ಬೆಂಜಿ ಬೆಳೆಯಲ್ಲಿ ಹಳದಿ ನಂಜು ರೋಗದ ನಿವಾರಣೆಗೆ ಬಿತ್ತನೆ ಬೀಜವನ್ನು ಇಮೀಡಕೋಪ್ರಿಡ್ 60 ಎಪ್ ಎಸ್ @ 5 ಎಂ. ಎಲ್. /ಕೆ.ಜಿ. ಇಂದ ಉಪಚರಿಸಿ ಬಿತ್ತನೆ ಮಾಡಿ	7270	
		ತೆಂಗಿನ ರೈನೋಸರಸ್ ದುಂಬಿಯ ಹತೋಟಿಗೆ ದುಂಬಿಗಳನ್ನು ತೆಗೆದು ಪೋರೇಟ್ 10 ಜಿ - 10 ಗ್ರಾಂ ಸಮಪ್ರಮಾಣದ ಮರಳಿನ ಜೊತೆ ಮಿಶ್ರ ಮಾಡಿ ಪ್ರತಿ ಮರದ ಸುಳಿಗೆ ಹಾಕಿ		
		ಬತ್ತದಲ್ಲಿ ನಾಟಿಯ ಸಮಯದಲ್ಲಿ ಸತುವಿನ ಸಲ್ಫೇಟ್ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 20 ಕಿ.ಗ್ರಾಂ ಕೊಡುವುದರಿಂದ ಬತ್ತದಲ್ಲಿ ಇಳುವರಿ ಹೆಚ್ಚಿಸಬಹುದು, ಸತುವಿನ ಕೊರತೆಯನ್ನು ನೀಗಿಸಬಹುದು		
		ಬತ್ತದಲ್ಲಿ 800 ಗ್ರಾಂ ಅಜೋಸೆಪ್ಟಿಲಿಂ ಜೈವಿಕ ಗೊಬ್ಬರವನ್ನು ನುಣ್ಣನೆ ಪುಡಿಮಾಡಿ 10 ಕಿ ಗ್ರಾಂ ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರ ಮತ್ತು 10 ಕಿ ಗ್ರಾಂ ಮಣ್ಣಿನೊಡನೆ ಮಿಶ್ರಗೊಳಿಸಿ ಮಿಶ್ರ ಗೊಬ್ಬರವನ್ನು ಒಂದು ಎಕರೆ ನಾಟಿ ಮಾಡುವ ಪ್ರದೇಶಕ್ಕೆ ನೆರವಾಗಿ ಎರಚಿ ಉಳುಮೆ ಮಾಡಬಹುದು		
		ಬತ್ತದ ಸುಸ್ಥಿರ ಉತ್ಪಾದನೆಗಾಗಿ ಕರಾವಳಿ ಹಾಗೂ ಅರೆಮಲೆನಾಡು ಪ್ರದೇಶದಲ್ಲಿ ನಾಟಿ ಮಾಡುವ 2 ವಾರಗಳ ಮೊದಲು ವರ್ಷಕೊಮ್ಮೆ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 2 ಟನ್ ಗಳಷ್ಟು ಕಪ್ಪಾಗಿರುವ ಬತ್ತದ ಹೊಟ್ಟಿನ ಬೂದಿ ಒದಗಿಸುವುದು		
		ಬತ್ತದ ಸುಸ್ಥಿರ ಉತ್ಪಾದನೆಗಾಗಿ ಕರಾವಳಿ ಹಾಗೂ ಅರೆಮಲೆನಾಡು ಪ್ರದೇಶದಲ್ಲಿ ನಾಟಿ ಮಾಡುವ 2 ವಾರಗಳ ಮೊದಲು ವರ್ಷಕೊಮ್ಮೆ ಪ್ರತಿ ಹೆಕ್ಟೇರಿಗೆ 2 ಟನ್ ಗಳಷ್ಟು ಕಪ್ಪಾಗಿರುವ ಬತ್ತದ ಹೊಟ್ಟಿನ ಬೂದಿ ಒದಗಿಸುವುದು		
August 2015	1	ಅಡಿಕೆ ಗಿಡಕ್ಕೆ 6 ರಿಂದ 8 ವರ್ಷ ಆದಮೇಲೆ ಕಾಳು ಮೆಣಸಿನ ಬಳ್ಳಿಯನ್ನು ಉತ್ತರ ದಿಕ್ಕಿನಲ್ಲಿ ಗಿಡದಿಂದ 75 ಸೆಂ. ಮಿ ದೂರದಲ್ಲಿ ನೆಡಬೇಕು	1031	
September 2015	2	ನಾಟಿ ಮಾಡಿದ 15 - 20 ದಿವಸದ ಬೆಳೆ ಇದ್ದರೆ ಸಾಲುಗಳ ಮಧ್ಯದಲ್ಲಿ ಕೊನೋವೀಡರ್ ಬಳಸಿ ಕಳೆ ನಿಯಂತ್ರಣ ಮಾಡಬೇಕು	3977	
		ಭತ್ತದ ಗದ್ದೆಯಲ್ಲಿ ಭತ್ತವು 60 -75 ದಿವಸಗಳಾಗಿದ್ದು ಗದ್ದೆಯಲ್ಲಿ ನೀರಿನ ಮಟ್ಟವನ್ನು 2.5 ಸೇ ಮೀ ನಿಂದ 5.00 ಸೇ ಮೀ ಆಳವನ್ನು ನಿರ್ವಹಿಸಬೇಕು		

October 2014	5	<p>09 .10 .2015ರಂದು ಕ್ಷೇತ್ರೋತ್ಸವವನ್ನು ವಲಯ ಕೃಷಿ ಮತ್ತು ತೋಟಗಾರಿಕಾ ಸಂಶೋಧನಾ ಕೇಂದ್ರ ಬ್ರಹ್ಮಾವರದಲ್ಲಿ ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದೆ ಎಲ್ಲರೂ ಭಾವಹಿಸಬೇಕಾಗಿ ವಿನಂತಿ</p> <p>ಕರಾವಳಿ ಪ್ರದೇಶಗಳಲ್ಲಿ ಶಿಲಾರಂಜಕ ಮುಖಾಂತರ ರಂಜಕ ಒದಗಿಸುವುದು ಸೂಕ್ತ</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸೆಪ್ಟೆಂಬರ್, ಅಕ್ಟೋಬರ್ ತಿಂಗಳು ಬಳ್ಳಿಯ ಸವರುವಿಕೆಗೆ ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು ರೋಗಕ್ಕೆ, ಕೀಟ ಬಾಧೆಗೆ ತುತ್ತಾದ ಗೆಲ್ಲುಗಳನ್ನು ಸವರಬೇಕು</p> <p>ಭತ್ತ ಕಟಾವು ಮಾಡಿದ ಪ್ರದೇಶದಲ್ಲಿ ಹಿಂಗಾರಿ ಬೆಳೆಯಾಗಿ ಉದ್ದು ಬೆಳೆಯನ್ನು ಬಿತ್ತುವುದು, ತಳಿಗಳಾದ ಟಿ-9 , ರಶ್ಮಿ ನಮ್ಮ ಕರಾವಳಿ ಭಾಗಕ್ಕೆ ಸೂಕ್ತ. ಬೀಜದ ಪ್ರಮಾಣ 10 ಸೆಂಟ್ಸ್ ಗೆ 1 ರಿಂದ 1.5 ಕೆ.ಜಿ. ಬೀಜ ಬೇಕಾಗುತ್ತದೆ</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸೆಪ್ಟೆಂಬರ್ ಮತ್ತು ಅಕ್ಟೋಬರ್ ತಿಂಗಳು ಬಳ್ಳಿಯ ಸವರುವಿಕೆ ಮಾಡಲು ಸೂಕ್ತ ಕಾಲವಾಗಿದ್ದು ರೋಗಕ್ಕೆ ಮತ್ತು ಕೀಟ ಬಾಧೆಗೆ ತುತ್ತಾದ ಗೆಲ್ಲುಗಳನ್ನು ಒಣಗಿರುವ ಒತ್ತಿಗೆ ಬೆಳೆದ ಗೆಲ್ಲುಗಳನ್ನು ಸವರಬೇಕು</p>	6453	
December 2015	3	<p>ಕರಾವಳಿ ಪ್ರದೇಶದಲ್ಲಿ ಬತ್ತದ ಬೆಳೆಯ ನಂತರ ಹಿಂಗಾರು ಬೆಳೆಯಾಗಿ ಉದ್ದು ಬೆಳೆಯನ್ನು ಬೆಳೆಯಲು ಸೂಕ್ತವಾದ ಟಿ-9 ಮತ್ತು ರಶ್ಮಿ ತಳಿಯನ್ನು ಆಯ್ಕೆಮಾಡಿ</p> <p>ಕಾಳುಮೆಣಸಿನ ಪ್ರತಿ ಬಳ್ಳಿಗೆ 50 ರಿಂದ 60 ಗ್ರಾಂ ಟ್ರೈಕೋಡೆರ್ಮಾ ವಿರಡೆ ಶಿಲಿಂಧ್ರವನ್ನು 1 ಕಿ.ಗ್ರಾಂ ಬೇವಿನ ಹಿಂಡಿ ಅಥವಾ 5 ಕಿ.ಗ್ರಾಂ ಕೊಟ್ಟಿಗೆ ಗೊಬ್ಬರದಲ್ಲಿ ಮಿಶ್ರಣ ಮಾಡಿ ಬುಡಕ್ಕೆ ಹಾಕಬೇಕು</p> <p>ಉದ್ದು ಬೆಳೆಗೆ ರಾಸಾಯನಿಕ ಗೊಬ್ಬರದ ಪ್ರಮಾಣ ಕಾಂಪೋಸ್ಟ್ ಗೊಬ್ಬರವಾದ ಸುಫಲ 15 :15 :15 ನ್ನು 1 ಎಕರೆಗೆ 2 ಬ್ಯಾಗ್ ನಂತೆ ಕೊಡಬೇಕು</p>	4261	
January 2016	2	<p>ತೆಂಗಿನಲ್ಲಿ ನುಸಿ ಹತೋಟಿಗೆ ಪ್ರತಿ ಮರದ ಬುಡಕ್ಕೆ 5 ಕೆ.ಜಿ. ಬೇವಿನ ಹಿಂಡಿ ಹಾಗೂ 1 ಕೆ.ಜಿ ಪೊಟಾಶ್ ಗೊಬ್ಬರ ಹಾಕಬೇಕು</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಸುರುಳಿ ಹುಳು ಹತೋಟಿಗೆ ಬಾಧಿತ ಮಲ್ಲಿಗೆ ಗಿಡಗಳ ಭಾಗಗಳನ್ನು ಹುಳುಸಹಿತ ಕಿತ್ತು ಕ್ವಿನಾಲ್ ಫಾಸ್ 2 ಮಿ.ಲೀ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p>	2038	
March 2016	2	<p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಗೂಡು ಹುಳುಗಳ ಹತೋಟಿಗೆ 1 ಮಿ.ಲೀ ಮೋನೋಕ್ರೋಟೋಫಾಸ್ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p> <p>ಉಡುಪಿ ಮಲ್ಲಿಗೆಯಲ್ಲಿ ಗೂಡು ಹುಳುಗಳ ಹತೋಟಿಗೆ 1 ಮಿ.ಲೀ ಮೋನೋಕ್ರೋಟೋಫಾಸ್ ಪ್ರತಿ ಲೀಟರ್ ನೀರಿಗೆ ಬೆರೆಸಿ ಸಿಂಪಡಿಸಬೇಕು</p>	2038	
Total for the year 2015-16			30619	

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1.	Paddy		0.8	MO-4	Bulk	350 kgs		4550	
2.	Cashew		-	Ullal-1		4441 Nos		88820	
3.	Jasmine		-	Udupi Mallige		1248 Nos		31200	
4.	Coconut		-	West coast tall		1113 Nos		55650	
5.	Coconut		-	Choughat orange dwarf		134 Nos		10050	
6.	Arecanut			Mohit Nagar		3924 Nos		78480	
7.	Bush pepper		-	Paniyur – 1		129 Nos		3720	
8.	Black pepper			Local pepper		3353 Nos		33530	
9.	Papaya		-	Taiwan Red lady		1238		18570	
10.	Sapota			Kalipatti		35		1750	
11.	Sapota			Cricketball		33		1650	
12.	Banana		0.8	Puttabale		276		5520	
13.	Cashew apple syrup		-	-		11 ltrs		825	
14.	Poultry		-	Giriraja		2068 Nos		170270	
15.	Fish		0.4	Aquarium fish		47 Nos		282	
16.				Catla		10 kgs		1000	
17.				Common carp		7.5 kgs		750	
18.				Ornamental fish		25 Nos		150	
19.	Rabbits		-	Newzealand white Soviet chinchilla Russian grey giant		9 Nos		3150	
20.	POP books					49 Nos		12250	

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Pulses									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Okra	6 th July 2014	30 th October, 2015	0.6	Halubendi	Seeds	62.43 kgs		74916	
Cowpea				Arka Mangala	Seeds	7.11 kgs		80	(6 kgs 31 grams in stock)
Others (specify)									

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

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

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

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

13.E. Utilization of hostel facilities – Nil-

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2015			
May 2015			
June 2015			
July 2015			
August 2015			
September 2015			
October 2015			
November 2015			
December 2015			
January 2016			
February 2016			
March 2016			

13.F. Database management

S. No	Database target	Database created
1.		Database Management in OLRs format designed by ATARI, Bengaluru KMAS - Four messages per month Upload the KVK website Reports - MPR, QPR, Annual Report, Action Plan Report, EPCB, ZREP, SAC

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

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

PART XIV - FINANCIAL PERFORMANCE**14.A. Details of KVK Bank accounts**

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	-	-	-	-	-	-	-
With KVK	Canara Bank	Varamballi, Brahmavar	0466	S.B. Account	0466101172871 0466101173629		CNRB 0000466

14.B. Budget - Details of budget utilization (2015-16) up to 31 March 2016

Sl. No.	Particulars	Sanctioned	Revised	Expenditure
25.1	Recurring Contingencies			
25.1.1	Pay & Allowances	7263000	7366000	-2549922
25.1.2	Traveling allowances	100000	100000	-33932
25.1.3	Contingencies			
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	100000	130000	130000
<i>B</i>	POL, repair of vehicles, tractor and equipments	100000	120000	120000
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	50000	50000	49801
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	25000	25000	25000
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	143000	143000	143000
<i>F</i>	NFSM	90000	90000	82324
<i>G</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	62000	62000	57740
<i>H</i>	Training of extension functionaries			
<i>I</i>	Maintenance of buildings			
<i>J</i>	Integrated Farming Systems			
<i>K</i>	Farmers Field School			
<i>L</i>	Extn. Activities	50000	50000	50000
<i>M</i>	Establishment of Soil, Plant & Water Testing Laboratory			
25.1	Library	5000	5000	-6630
25.2	TOTAL Recurring Contingencies			
25.2.1	Non-Recurring Contingencies			
25.2.2	Works			
15.2.3	Equipments including SWTL & Furniture	400000	400000	398869
25.2.3	Vehicle (Four wheeler/Two wheeler, please specify)			

Sl. No.	Particulars	Sanctioned	Revised	Expenditure
25.2.4	Library (Purchase of assets like books & journals)			
25.2	TOTAL Non-Recurring Contingencies			
25.3	REVOLVING FUND			
25.4	GRAND TOTAL	8388000	8541000	3647218

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 2013 to March 2014	296421	813171	814114	295478
April 2014 to March 2015	295478	695707	750103	241082
April 2015 to March 2016	241082	726323	587150	380255

15. Details of HRD activities attended by KVK staff during 2015-16 – Nil-

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
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16. Please include any other important and relevant information which has not been reflected above (write in detail).

SUMMARY FOR 2015-16

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Nutrient Management	Nutrition	Demonstration of Nutrition Garden for Nutrition Security among School Children	5
Varietal Evaluation	Sesamum	Introduction of High Yielding DS-5 white seeded Sesamum variety in paddy fallows	10
Integrated Pest Management	Brinjal	Integrated Management Shoot and Fruit Borer in Brinjal	10
Integrated Crop Management	Black Pepper	Foliar nutrition of Black Pepper by pepper special for higher yield	15
	Field bean	ICM in field bean (HA-4)	10
	Cowpea	ICM in vegetable Cowpea (Arka Garima)	10
	Yardlong bean	Introduction of High yielding IIHR Yard Long bean variety Arka Mangala	20
	Arecanut	Integrated Crop Management in Arecanut	6
Integrated Disease Management	Blackpepper	Foot rot Disease Management in Black Pepper	10
	Udupi Jasmine	Integrated Pest and Disease management in Udupi jasmine	10
Weed Management	Brinjal	Use of Polythene mulch and Arka Microbial Consortium in Brinjal cultivation	3
Farm Machineries	Paddy	Weed management in paddy through power operated paddy weeder	9
Integrated Farming System			
Seed / Plant production			
Value addition			
Drudgery Reduction			
Storage Technique			
Mushroom cultivation			
Total			118

Summary of technologies assessed under livestock

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Evaluation of breeds			
Nutrition management			
Disease management			
Value addition			
Production and management	Fish	Culture of fresh water prawn in polyculture system along with Catla and Rohu.	6
	Fish	Dissemination of Pangassius farming technology in seasonal water bodies.	4
	Fish	Production of Grass carp stunted fingerlings in farm ponds	6
Feed and fodder	Fodder	Demonstration of fodder bank with high yielding fodder varieties	6
Small scale income generating enterprises			
Total			22

Summary of technologies assessed under various enterprises-Nil-

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

Summary of technologies assessed under home science

Thematic areas	Enterprise	Name of the technology assessed	No. of trials
INM	Nutrition garden	Demonstration of Nutrition Garden for Nutrition Security among School Children	5

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops-Nil-

Thematic areas	Crop	Name of the technology refined	No. of trials
Integrated Nutrient Management			
Varietal Evaluation			
Integrated Pest Management			
Integrated Crop Management			
Integrated Disease Management			
Small Scale Income Generation Enterprises			
Weed Management			
Resource Conservation Technology			
Farm Machineries			
Integrated Farming System			
Seed / Plant production			
Value addition			
Drudgery Reduction			
Storage Technique			
Others (Pl. specify)			
Total			

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

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

Summary of technologies refined under various enterprises –Nil-

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

Summary of technologies refined under home science –Nil-

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

III. FRONTLINE DEMONSTRATION

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																			
	Introduction of white seeded sesamum DS-5 variety	DS-5	-	Rice fallow	10	4	4.55	3.80	4.23	4.30	-	19830	50760	30930	2.55	18300	34400	16100	1.88
Pulses																			
	ICM in vegetable Cowpea (Arka Garima)	Arka Garima	-	Rice fallow	10	4	60	56	58	52	11.15	26840	58000	31160	2.16	24790	52000	27210	2.09
	Introduction of field bean variety HA-4	HA-4	-	Rice fallow	10	4	20.00	16.5	19.20	15.50	23.8	18620	38400	19780	2.06	15890	31000	15110	1.95
Cereals																			
	Power operated paddy weeder	MO-4	-	Rainfed	9	4	39	36	38	36.5	4.10	21500	49400	27900	2.29	25100	47450	22350	1.89
Millets																			
Vegetables																			
	Introduction of High yielding IIHR Yard Long bean variety <i>Arka Mangala</i>	Arka Mangala	-	Rice fallow	20	2	165.9	135.0	151.10	114.0	32.25	88325	283999	195674	3.21	77113	201926	124813	2.61
	Use of mulching sheets and arka microbial consortium	Mattugulla	-	Irrigated	3	0.6	274.5	224.50	244.60	198.6	23.16	129066	453886	324820	3.51	105600	297000	191400	2.81

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										
Fibre crops like cotton																			
Medicinal and aromatic																			
Fodder																			
	Demonstration of fodder bank with high yielding fodder varieties	DHN – 6, COFC – 8 and SAT maize	-	Homestead	6		On going												
Plantation																			
	Integrated crop management in Arecanut	Mangala	-	Irrigated	6	3	On going												
Fibre																			
Others (pl. specify)																			
	Demonstration of Nutrition Garden for Nutrition Security among School Children	Cowpea, Amaranthus, Brinjal, Lady's finger	-	Rabi	5	80 sq meters	126	48	70	58	20.68	44985.5	121000	760145	2.68	-	-	-	-

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

** BCR= GROSS RETURN/GROSS COST

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

Livestock –Nil-

		Culture of fresh water prawn in Polyculture system along with Catla and Rohu.		6		<table border="1"> <thead> <tr> <th colspan="7">Progress of Previous Demonstration</th> </tr> <tr> <th rowspan="2">Species</th> <th rowspan="2">Average Initial Length</th> <th rowspan="2">Average Initial Weight</th> <th colspan="2">Growth at 3rd month</th> <th colspan="2">Growth at 6th month</th> </tr> <tr> <th>Length</th> <th>Weight</th> <th>Length</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>Prawn</td> <td>PL 20</td> <td>-</td> <td>10 cm</td> <td>20 g</td> <td>16 cm</td> <td>48 g</td> </tr> <tr> <td>Catla</td> <td>6.25cm</td> <td>3 g</td> <td>16.5 cm</td> <td>115 g</td> <td>26 cm</td> <td>750</td> </tr> <tr> <td>Rohu</td> <td>6.00 cm</td> <td>2.5 g</td> <td>18 cm</td> <td>110 g</td> <td>27 cm</td> <td>625</td> </tr> <tr> <td>Local check Species cultured Common carp</td> <td>5.0 cm</td> <td>2.0 g</td> <td>11 cm</td> <td>200 g</td> <td>19 cm</td> <td>400 gm</td> </tr> </tbody> </table>							Progress of Previous Demonstration							Species	Average Initial Length	Average Initial Weight	Growth at 3 rd month		Growth at 6 th month		Length	Weight	Length	Weight	Prawn	PL 20	-	10 cm	20 g	16 cm	48 g	Catla	6.25cm	3 g	16.5 cm	115 g	26 cm	750	Rohu	6.00 cm	2.5 g	18 cm	110 g	27 cm	625	Local check Species cultured Common carp	5.0 cm	2.0 g	11 cm	200 g	19 cm	400 gm
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400	2.00 cm	1.5 g	2.8 cm	2.2 g	3.4 cm	3.2 g																																																				
Mussels																																																										
Ornamental fishes																																																										
Others (pl.specify)																																																										

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises –Nil-

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment-Nil-

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	16	370	254	624	45	29	74	415	283	698

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Production and Management technology	2	31	10	41	-	-	-	31	10	41
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management	1	17	8	25	-	-	-	17	8	25
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Integrated crop management										
Livestock Production and Management										
Dairy Management	2	36	4	40	9	9	18	45	13	58
Poultry Management	1	28	24	52	-	-	-	28	24	52
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management	1	12	6	18	15	7	22	27	13	40

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	1	60	12	72	-	-	-	60	12	72
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify) Information about agriculture										
TOTAL	38	1245	534	1779	97	72	169	1342	606	1948

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	15	10	25	-	-	-	15	10	25
Integrated Pest and disease Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	1	25	5	30	-	-	-	25	5	30
Livestock feed and fodder production										
Household food security										
Integrated crop management										
Total	2	40	15	55	-	-	-	40	15	55

7.G. Sponsored training programmes conducted

S.No.	Area of training	No. of Courses	No. of Participants									
			General			SC/ST			Grand Total			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Crop production and management											
1.a.	Increasing production and productivity of crops	1	24	5	29	-	-	-	24	5	29	
1.b.	Commercial production of vegetables											
2	Production and value addition											
2.a.	Fruit Plants											
2.b.	Ornamental plants											
2.c.	Spices crops											
3.	Soil health and fertility management											
4	Production of Inputs at site											
5	Methods of protective cultivation											
6	Others (pl.specify)											
7	Post harvest technology and value addition											
7.a.	Processing and value addition											
7.b.	Others (pl.specify)											
8	Farm machinery											
8.a.	Farm machinery, tools and implements	2	46	14	60	-	-	-	46	14	60	
8.b.	Others (pl.specify)											
9.	Livestock and fisheries											
10	Livestock production and management											
10.a.	Animal Nutrition Management											
10.b.	Animal Disease Management											
10.c.	Fisheries Nutrition											
10.d.	Fisheries Management											
10.e.	Others (pl.specify)											
11.	Home Science											
11.a.	Household nutritional security											
11.b.	Economic empowerment of women	4	0	100	100	-	-	-	0	100	100	
11.c.	Drudgery reduction of women											
11.d.	Others (pl.specify)											
12	Agricultural Extension											
12.a.	Capacity Building and Group Dynamics	1	21	4	25	-	-	-	21	4	25	
12.b.	Protection of plant varieties and farmers right act-2001											
	Total	8	91	123	214				91	123	214	

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

S.No.	Area of training	No. of Courses	No. of Participants									
			General			SC/ST			Grand Total			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Crop production and management											
1.a.	Commercial floriculture											
1.b.	Commercial fruit production											
1.c.	Commercial vegetable production											
1.d.	Integrated crop management											
1.e.	Organic farming											
1.f.	Others (pl.specify)											
2	Post harvest technology and value addition											
2.a.	Value addition											
2.b.	Others (pl.specify)											
3.	Livestock and fisheries											
3.a.	Dairy farming											
3.b.	Composite fish culture											
3.c.	Sheep and goat rearing											
3.d.	Piggery											
3.e.	Poultry farming											
3.f.	Ornamental fish farming											
4.	Income generation activities											
4.a.	Vermi-composting											
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.											
4.c.	Repair and maintenance of farm machinery and implements											
4.d.	Rural Crafts											
4.e.	Seed production	1	-	-	-	15	8	23	15	8	23	
4.f.	Sericulture											
4.g.	Mushroom cultivation											
4.h.	Nursery, grafting etc.											
4.i.	Tailoring, stitching, embroidery, dying etc.											
4.j.	Agril. para-workers, para-vet training											
4.k.	Beekeeping											
5	Agricultural Extension											
5.a.	Capacity building and group dynamics											
5.b.	Others (pl.specify)											
	Grand Total	1	-	-	-	15	8	23	15	8	23	

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	704	704		
Diagnostic visits	19	42		
Field Day	3	74		
Group discussions	40	500		
Kisan Ghosthi	-	-		
Film Show	27			
Self -help groups	-	-		
Kisan Mela /Krishimela(Participated / Exhibited)	4	18000		
Exhibition				
Scientists' visit to farmers field	131	191		
Plant/animal health camps	1	30		
Farm Science Club				
Ex-trainees Sammelan				
Farmers' seminar	7	210		
Workshop	3	90		
Method Demonstrations	22	360		
Celebration of important days	7	514		
Special day celebration				
Exposure visits				
Farmers Scientists Interaction	13	43		
Bi monthly	3			
Tri monthly	3			
Farm trials	1			
SMS messages	24	3767		
Soil health day	1	70		
Kharif Mela	1	10000		
Jackmela	1	6000		
Others (pl.specify)				
Total	1015	40595		

Details of other extension programmes

Particulars	Number
Electronic Media	-
Extension Literature	13
News Letter	-
News paper coverage	46
Technical Articles	-
Technical Bulletins	4
Technical Reports	23
Radio Talks	10
TV Talks	1
Animal health camps (Number of animals treated)	87
Others (pl.specify)	
Total	184

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

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (kgs)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Lady's finger	Halu bhendi	-	62.43 kgs	74916	117
	Cowpea	Arka Mangala	-	7.11 kgs	80	2 (6 kgs 31 grams in stock)
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						

Production of planting materials by the KVK

<i>Crop category</i>	<i>Name of the crop</i>	<i>Name of the Variety/Hybrid</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Commercial					
Vegetable seedlings					
Fruits	Papaya	Taiwan Red lady	1238	18570	223
	Sapota	Kalipatti	35	1750	20
	Sapota	Cricketball	33	1650	15
Ornamental plants					
Medicinal and Aromatic					
Plantation	Cashew	Ullal-1	4441	88820	345
	Coconut	West coast tall	1113	55650	300
	Coconut	Chough at orange dwarf	134	10050	52
	Arecanut	Mohit Nagar	3924	78480	527
Spices					
	Bush pepper	Paniyur – 1	129	3720	15
	Black pepper	Local Pepper	3353	33530	347
Fodder crop saplings					
Forest Species					
Others(specify)	Jasmine	Udupi Mallige	1248	31200	725
Total				323420	

Production of Bio-Products-Nil-

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others (specify) Banana fruit	Puttabale	276 kgs	5520	53
Total				

Production of livestock and related enterprise materials

<i>Particulars of Live stock</i>	<i>Name of the breed</i>	<i>Number</i>	<i>Value (Rs.)</i>	<i>Number of farmers to whom provided</i>
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry	Giriraja	2068	170270	287
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Rabbits	9	3150	5
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries	Aquarium fish	47	282	3
	Catla	10 kgs	1000	2
	Common carp	7.5 kgs	750	2

	Ornamental fish	25	150	4
Fingerlings				
Others (Pl. specify)				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2015-16

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	225	127	47	11250
Water Samples	100	98	67	10000
Plant samples	-			
Manure samples	-			
Others (specify)	-			
Total	325	225	114	21250

VIII. SCIENTIFIC ADVISORY COMMITTEE – Nil-

Number of SACs

IX. NEWSLETTER – Nil-

Number of issues of newsletter published

X. RESEARCH PAPER PUBLISHED – Nil-

Number of research paper published

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

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

Programme Coordinator