

KRISHI VIGYAN KENDRA, UDUPI (DISTRICT NAME)

ANNUAL REPORT- 2019

(FOR THE PERIOD FROM 01 January 2019 to 31 December 2019)

KVK Address and Host Organization details

GENERAL INSTRUCTIONS

Please read the instructions very carefully before starting preparation of the report

- Annual report is the most important document for the KVK and it directly reflects the overall achievements pertaining to the reported period. Hence due care need to be given by each KVK while preparing the report.
- Period of Report is from 01 January 2019 to 31 December 2019
- Action photographs with relevant captions covering various activities of the KVK in High resolution should be submitted separately in a CD/DVD along with this report.
- Prepare Summary tables carefully tallying with the relevant portions of the main report on all aspects.
- Retain the blank column and rows as such and do not merge the cells. Please specify NIL, wherever not applicable or details are not available.
- Check the names of varieties and hybrids and specify in the report.
- Check the units and totals of each data table
- Extension activity under celebrations for each important day, please insert separate rows and give appropriate data separately. Clubbing of data should be avoided.
- Success stories/case studies should be supported with data tables, graphs and photos.

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- kvk.Udupi@icar.gov.in kvkudupi@gmail.com udupikvk@gmail.com kvkudupiicar@uahs.edu.in	-

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, Shivamogga	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 udupikvk@gmail.com

1.4. Year of sanction: 2001

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**

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	10.10.2012	550	8500000			
2.	Farmers Hostel	ICAR	17.04.2002	720	4653768			
3.	Staff Quarters		Not yet sanctioned					
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units	UAHS		7 acres	3.5 lakhs	February 2018	7 acres	Completed
	1							
	2							
	3							
	4							
5	Fencing							
6	Rain Water harvesting system				Nil			
7	Threshing floor				Nil			
8	Farm godown				Nil			

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Honda Activa	04.06.2009	49915		Not working
TVS victor	22.09.2004	-		Not working
Mahindra Bolero (SLE 2WD)	09.06.2017	665564	50.885	Working
Tractor	18.03.2002	268250		Nil

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Wheel barrow	12.01.2019	4500/-	Good
Gun company Red bee machine	12.01. 2019	3300/-	
Sprayer	02.02. 2019	22000/-	
Spray Gum	22.02. 2019	3000/-	
Wheel barrow 3 wheel red MTW WB3	09.12. 2019	13500/-	
Epson L4160 ink tank Duplex printer	05.02. 2019	20060/-	
Borewell pump	09.01. 2019	42800/-	

1.8. Details of SAC meeting conducted during 2019

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
04.07.2019	62	Paddy cultivation – more No. of demos should be taken up for newly introduced varieties	Under OFT – 05 acres of new variety Sahayadri Panchamuki has been taken during 2019	
		More demos to be conducted in pulses and oil seeds	With the help of KSDA under NFSM, Blackgram and green gram demonstrations were conducted.	
		Feedback from farmers regarding the technology trainings given to them has to be recorded and passed on to the line departments for them to follow-up	The technologies like mulching fruit fly trap and protray method of seedling raising in watermelon, mattugulla fruit and gourds has impacted many of the farmers and the farmers in Mattu, Kokkarne, Kirimanjeshwara and Kergal area following the technology	

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
			With respect to foot rot disease in pepper technologies like use of Arka Microbial Consortium and pepper special spray are being followed by many of the farmers in the District.	
		Concerned scientist should help the farmers in writing success stories of the farmers for publishing in Negila Miditha.	Scientist (Horticulture) has motivated to write success stories for Negila Miditha Magazine but due to low literacy level farmers themselves are not able to write on their own. Therefore Scientist (Horticulture) has written two articles viz. Pruning techniques in jasmine and Friends of Coconut Tree and Mushroom training impact was written to Negila Miditha Magazine.	
		Increase the Revolving fund.	Additional area could be taken up for production of bhendi seeds. More batches of poultry birds could be reared.	
		Educate farmers regarding proper application of NPK. In paddy and horticulture crops	Imparting training and educating farmers through On campus, off campus and resource person to the line department. Technical information regarding agriculture and horticulture crops is also disseminated through OFTs and FLDs	
		More number of trainings and demonstrations with regard to pruning techniques in cashew has to be taken up.	Seminar on improved cultivation practices in cashew was conducted during Krishimela held on 10.10.2019 where more than 2500 farmers attended. Director of DRC Puttur Dr. Gangadhar Naik addressed the farmers where pruning training were highlighted.	
		Encourage high and ultra high density cashew farming.	Conducted training programme on high density cashew cultivation at Bairampalli village on 08.08.2019. Have identified farmers who have planted high density cashew and follow up visits with KVK Scientists	

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
		Small and Marginal farmers depend on Udipi jasmine for their livelihood – training programmes should be conducted for jasmine growers. Action – Scientist	FLD on ICM in Jasmine was initiated to address the problem of low flower production during off season. 20 demonstrations were conducted in farmers field with respect to training and pruning. Five training programmes were conducted in Shirva, Shankarapura, Panjibettu, Mudarangadi high lightening pruning in Jasmine to induce off season flowering.	
		Promote waste management in coconut and conduct awareness programme	Five awareness training programme were organized during 2019-20 regarding waste decomposer usage	
		A brief report about KVK activities should be given once in a month to AIR , Mangalore for broadcasting	Every month one scientist has been allotted and they are already giving the brief report of KVK activities for every month	
		Before formulating FLD and OFT, the technologies to be taken up has to be prediscussed with the concerned scientists of ZAHRS and ADE, ZAHRS, Brahmavar.	Accordingly we are inviting all the scientist of ZAHRS, Brahmavar for finalizing the OFTs and FLDs before the pre action plan meeting	
		The village adoption programme which has been withdrawn by the University has to be reinitiated for demonstration of popular technologies and crop varieties in large scale. Action	The University has agreed to give Rs.2,00,000 for village adopting for programme from the next financial year onwards	
		Suggested to conduct nutritional garden trainings for the staff of women and child welfare department for which the department head had agreed to depute the staff for undergoing one day training at KVK.	A letter has been corresponded to the department to depute the staff of women and child welfare to undergo training on nutritional garden	
		ATMA funds has to be utilized by the KVK to	Since it has to be approved in the action plan of	

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
		conduct training programmes and demonstrations, especially for the conduct of FFS, publication of leaflets and demonstration of new variety	ATMA the proposal will be submitted for ATMA governing committee from the next financial year onwards	
		Availability of forest saplings from the department of Forest are not known to many farmers, in this regard publicity to the farmers about availability of saplings can be made through KVK	We have invited RFO, Udupi as and when we are organizing on campus training programmes of our KVK and the availability of forest saplings information was given to the farmers in three on campus training programmes organized by our KVK viz 06.08.2019, 16.08.2019 & 29.11.2019	
		Awareness should be created about Agro forestry crops like Melia Dubia (Hebbevu), Sandal, Mahagony etc. and popularized – information regarding the cultivation aspects and market information should also be given to the farmers –	We have organized one day training on Agro forestry by inviting Dr. Ramakrishna Hegde, Professor, COF, Ponnampet and given information about the suitable forest species for Udupi District.	
		If ZAHRS has the veterinary doctor / officer is allotted for animal component unit of the station more developmental works related to Animal husbandry could be taken up and more No. of farmers could be trained under Veterinary Animal Science	It is a administrative matter we have brought to the Vice Chancellor for recruitment of veterinary personal. However, we have arranging training programmes on Dairy Entrepreneur under ASCI for 25 days since last two years	

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	49543	224290	3918
2	Cashew	19496	38999	2000
3	Coconut	17815	26.72 Lakh nuts	15000 (nuts/ha)
4	Arecanut	7847	13732	1750
5	Blackgram	3524	1676	475
6	Banana	1463	3016	2062
7	Groundnut	2050	4265	2256
8	Vegetable crops	1210	22304	18433
9	Black pepper	421	168.40	400
10	Sesamum	268	625	212

* Please provide latest data from authorized sources. Please quote the source

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)	
		Maximum	Minimum		
January	0	32.62	18.00	86.55	53.23
February	0	33.53	20.06	86.89	57.21
March	0	33.48	21.41	85.45	61.32
April	1.5	34.72	23.46	83.23	66.20
May	3.7	34.36	24.22	82.71	60.81
June	512.2	32.36	23.21	90.20	77.97
July	1128.6	29.59	21.88	95.19	85.74
August	1345.2	29.04	21.63	96.65	88.87
September	659.7	30.18	21.91	95.37	82.13
October	644.4	31.36	21.75	93.26	78.84
November	33.9	33.64	21.49	87.60	65.03
December	4.8	33.47	21.17	88.90	59.73
mean	4334	32.36	21.68	89.33	69.76

* Please provide latest data from authorized sources. Please quote the source

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	77344		
<i>Indigenous</i>	238393		
Buffalo	26610		
Sheep			
<i>Crossbred</i>			
<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			
Category	Area	Production	Productivity
Fish			
<i>Marine</i>		98550	
<i>Inland</i>		1831	
Prawn			
Scampi			
Shrimp		1831	

* Please provide latest data from authorized sources. Please quote the source

2.7 District profile maintained in the KVK has been **Updated** for 2019: Yes / No: Yes

2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Udupi	Udupi	Kotathattu, Padukere	1	Red Kernel Rice	Non availability of Suitable Red Rice variety for Kharif season, Locals Preference for Parboiled Red Kernel Rice, Available Varieties are old	Varietal evaluation
2	Udupi	Udupi	Shirva	1	Banana	Imbalanced use of Fertilizers (Potash fertilizers) leads to low productivity and crops are susceptible to pest and diseases that will result in low income. About 85 percent of the Udupi soils are low in potassium. Management of potash is very important in crops like banana	Integrated Nutrient Management
3	Brahmavar	Brahmavar	Mandarathi	2	Paddy	High labour cost, high cost of cultivation, erratic rainfall, weed problem, low yield.	Resource Conservation Technology
4	Kundapur	Kundapur	Sastavu	1	Ridgegourd	Higher seed cost from private seeds, High incidence of fruit fly and soil borne pathogens, Poor fruit set due to micro nutrient deficiency, low nutrient use efficiency	Integrated Crop Management
5	Karkala	Karkala	Andaru	1	Black pepper	High incidence of foot rot disease, slow wilt incidence, spike shedding, Nutrient management, low yield	Integrated Crop Management

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
6	Karkala	Karkala	Marne, Ajekar	2	Arecanut	Root grub infestation in Arecanut, wherever low lying paddy area has been converted to Arecanut	Integrated Pest Management
7	Udupi	Udupi	Panjimaru	1	Jasmine	Wilting of plants, High incidence of sucking pest, Low yield during off season	Integrated Crop Management
8	Karkala	Karkala	Shirlalu	1	Brinjal	Poor keeping quality and splitting and mal formation of Brinjal fruits	Integrated Crop Management
9	Kundapur	Kundapur	Sastavu	3	Bhendi	Poor germination in direct seeded field, High incidence of yellow vein mosaic, Incidence of Fruit borer	Integrated Pest and Disease Management
10	Kundapur	Kundapur	Kambadakone, Uppunda	2	Watermelon	Severity of fruit fly Watermelon bud necrosis virus (Thrips) and Fusarium wilt	Integrated Pest and Disease Management
11	Karkala	Karkala	Shirlalu	4	Paddy	Low yield and imbalanced use of fertilizers	Integrated Crop Management
12	Udupi	Udupi	Moodubellu	1	Ragi	Non availability of drought resistant crop in paddy fallows for late Rabi, Fodder scarcity during summer	Crop Diversification
13	Brahmavar	Brahmavar	Varamballi	1	Cowpea	Local variety, Season, Selection of suitable variety Imbalanced nutrition, Low yield	Crop Diversification
14	Kaup	Kaup	Mattu	3	Brinjal	Imbalanced use of fertilizers and micronutrient deficiency resulting in low yield	INM

2.8 Details of Benchmark Information collected from DFI villages – Nil-

Sl.No.	Taluk	Name of the block	Name of the village	Name of the Head of Household	Annual Gross Income (Rs.)	Annual Expenditure (Rs.)	Annual Net Income (Rs.)
--------	-------	-------------------	---------------------	-------------------------------	---------------------------	--------------------------	-------------------------

2.10 Priority thrust areas

S. No	Thrust area
1.	Salvenia (Antargange) weed management in low lying paddy areas
2.	Spiraling white fly menace in coconut
3.	Acidic soils
4.	Bud necrosis virus in watermelon
5.	Root grub in Arecanut
6.	Labour scarcity
7.	Imbalanced nutrient management and leaching loss of nutrients
8.	Pest and disease problems
9.	Alternate Paddy variety for MO-4 (Kharif Season)
10.	Alternate Red Rice variety for Rabi season
11.	Short duration Red Rice variety for Kharif season for contingent crop plan
12.	Paddy variety suitable for DSR method of paddy sowing
13.	Paddy white backed plant hopper menace in rabi paddy
14.	Flood and salt tolerant paddy variety
15.	Red palm weevil menace in coconut and Arecanut (not able to control by the use of pheromone traps)
16.	Effective management practices for managing quick wilt in black pepper
17.	Yellow green algae in paddy
18.	Wild animal menace

PART III - TECHNICAL ACHIEVEMENTS (2019)**3.A. Target and Achievements of mandatory activities**

OFT				FLD			
1				2			
OFTs (No.)		Farmers (No.)		FLDs (No.)		Farmers (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
2	2	8	8	12	12	162	162

Training				Extension Programmes			
3				4			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
45	46	1350	1898	387	650	310980	234305

Seed Production (Q)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
0.5	0.2375	51000	22051

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
5000	18894	-	6.322

3.B1. Abstract of interventions undertaken

Sl. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
1	Varietal Evaluation	Red Kernel Rice	Non availability of Suitable Red Rice variety for Kharif season, Locals Preference for Parboiled Red Kernel Rice, Available Varieties are old	Assessment of Red Kernel Rice Variety IRGA-318-6-9-11-2B for Kharif Season of Coastal Karnataka	-	1	-	-	2	Sayadri Pancham uki (IRGA)- 50 kg MO-22 – 40 kg)	-	-	No.	Kg
													Chloropyripos	1.25 ml
													Mancozeb	2.5 kg
													19:19:19	5 kg
													13:0:45	5 kg
2	INM	Banana	Imbalanced use of Fertilizers (Potash fertilizers) leads to low productivity and crops are susceptible to pest and diseases that will result in	Assessment of nutritional requirement in banana for coastal Karnataka	-	1	-	-	5	Soil test based fertilizers	-	-	-	-

Sl. 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	
			low income. About 85 percent of the Udupi soils are low in potassium. Management of potash is very important in crops like banana											
3	Resource Conservation Technology	Paddy	High labour cost, high cost of cultivation, erratic rainfall, weed problem, low yield.	-	Introduction of DSR method of paddy cultivation in coastal region	2	-	-	2	-	-	-	Seed cum fertilizer drill charges Excel mera – 71 herbicides Pendimethal in herbicide Bispyribac sodium 10 SC	10 kg 4 lt 400 ml
4	Integrated Crop Management	Ridgegourd	Higher seed cost from private seeds, High incidence of fruit fly and	-	ICM in Ridge gourd	1	-	-	6	Ridgegourd seeds (Arka Prasan variety) – 4 kgs	-	-	AMC Fruit fly trap Vegetable special	100 kg 20 Nos 20 kgs

Sl. 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	
			soil borne pathogens, Poor fruit set due to micro nutrient deficiency, low nutrient use efficiency											
5	Integrated Crop Management	Black pepper	High incidence of foot rot disease, slow wilt incidence, spike shedding, Nutrient management, low yield		ICM in blackpepper	1	-	-	7	-			AMC Arka action plus IISR black pepper special micronutrient	115 kg 100 kg 40 kgs
6	Integrated Pest Management	Arecanut	Root grub infestation in Arecanut, wherever low lying paddy area has been converted to Arecanut		Management of Arecanut root grub through IPM practices	1							Metarrhizium anisopleae Nematode culture	35 kg, 7 ltr

Sl. 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		
10	Integrated Pest and Disease Management	Watermelon	Severity of fruit fly Watermelon bud necrosis virus (Thrips) and Fusarium wilt		Management of bud necrosis and sucking pest in watermelon	1								Arka Microbial Consortium	25 kg
														VAM	10 kg
														Bacillus megaterium	20 kg
11	Integrated Crop Management	Paddy	Low yield and imbalanced use of fertilizers		ICM in paddy	1	-	-	1	Urea, Rockphosphate and Potash, based on soil test					
12	Crop Diversification	Ragi	Non availability of drought resistant crop in paddy fallows for late Rabi, Fodder scarcity during summer		Introduction of Minor millet – Ragi in paddy fallows of coastal region under residual moisture situation	1	-	-	1	GPU-48- 50 kg				19:19:19	10 kg
														13:0:45	10 kg
														Chloropyriphos	5 ltr
														Carbendizime	2.5 kg
13	Crop Diversification	Cowpea	Local variety, Season, Selection of suitable variety		Introduction of Cowpea variety UAHS-28 in paddy	1	-	-	1	UAHS-28 – 100 kg				19:19:19	20 kg
														13:0:45	20 kg
														Chloropyriphos	5 ltr

Sl. 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	
			Imbalanced nutrition, Low yield		fallows of coastal region under residual moisture situation									
14	INM	Brinjal	Imbalanced use of fertilizers and micronutrient deficiency resulting in low yield		INM in Brinjal	1	-	-	4	Urea, Rockphosphate and Potash, based on soil test and vegetable special	-	-	-	-

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 Red Kernel Rice Variety Sayadripanchamuki (IRGA-318-6-9-11-2B) for Kharif Season of Coastal Karnataka	UAHS, Shivamogga KAU, Kerala	Red Kernel Rice	1	-	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
2	Assessment of nutritional requirement in banana for coastal karnataka	UAHS, Shivamogga KAU, Kerala	Banana	1	-	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
3	Introduction of DSR method of paddy cultivation in coastal region	UAS® - 2013	Paddy	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
4	ICM in Ridge gourd	IIHR, Bengaluru	Ridgegourd	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
5	ICM in blackpepper	IISR, Calicut, IIHR, Bengaluru, IISR, Calicut,	Black pepper	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
6	Management of Arecanut root grub through IPM practices	NBAIR technology CPCRI, Kasargod & UAHS, Shivamogga	Arecanut	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
7	ICM in jasmine	TNAU, Coimbatore	Jasmine	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
8	ICM in Brinjal	UAHS, Shivamogga and IIHR Bengaluru	Brinjal	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes

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
9	Management of yellow mosaic virus in velvet bhendi	UHS(B) IIHR, Bengaluru	Bhendi	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
10	Management of bud necrosis and sucking pest in watermelon	UHS, Bagalkot & IIHR, Bengaluru	Watermelon	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
11	ICM in paddy	UAHS, Shivamogga	Paddy	-	1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
12	Introduction of Minor millet – Ragi in paddy fallows of coastal region under residual moisture situation	UAS(B) – 2013	Ragi		1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
13	Introduction of Cowpea variety UAHS-28 in paddy fallows of coastal region under residual moisture situation	UAHS-2018	Cowpea		1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes
14	INM in Brinjal	UAHS, Shivamogga	Brinjal		1	1	Field visit, Group discussion meetings, Method demonstration, Training programmes

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7	1	-	-	129	28	5	-	1063	775	9	51	-	-	-	-

Integrated Farming System										
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total										

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

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbit	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 trial covering all Technological Options in a farm)
Integrated Nutrient Management	Banana	Assessment of nutritional requirement in banana for coastal Karnataka	3	3	2
Varietal Evaluation	Red Kernel Rice	Assessment of Red Kernel Rice Variety IRGA-318-6-9-11-2B for Kharif Season of Coastal Karnataka	5	5	0.4
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					

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all Technological Options in a farm)
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total			8	8	2.4

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 trial covering all Technological Options in a farm)
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all Technological Options in a farm)
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

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

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

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

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

4.C1.Results of Technologies Assessed

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trial s	Technology Assessed	Source of technolo gy	Yield	Unit of yield	Observ ations other than yield	Gross Return Rs. / unit	Net Retur n Rs. / unit	BC Ratio (Gross income/ Gross Cost)
1	2	3	4	5	6	7	8	9	10	11	12	13
Red Kernel Rice	Rice Fallow	Non availability of Suitable Red Rice variety for Kharif season, Locals Preference for Parboiled Red Kernel Rice, Available Varieties are old	Assessmen t of Red Kernel Rice Variety Sayadri Panchamu ki (IRGA- 318-6-9- 11-2B) for Kharif Season of Coastal Karnataka	5	T.O.1: MO-4 (Released in 1995 and shortly it will be out of seed chain and becoming susceptible to pests and diseases) (Medium Duration – 130-135 Days)	Farmers' practice	3725	Kg/ha	No of tillers 21/tin	58432	31243	2.14
					T.O.2: IRGA-318- 6-9-11-2B (Selection from IRRI lines from AICRP on Paddy, Brahmavar Centre during 2018) (Medium Duration – 130-135 Days)	UAHS, Shivamo gga	3981	Kg/ha	No of tillers 23/tin	62408	35219	2.29
					T.O.3: MO-22 Shreya medium duration 130-135 days released from KAU, Kerala which suits for both midland and low land.	KAU, Kerala	3691	Kg/ha	No of tillers 20/tin	57875	30686	2.12

4.C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1	Title of Technology Assessed	Assessment of Red Kernel Rice Variety Sayadri Panchamuki (IRGA-318-6-9-11-2B) for Kharif Season of Coastal Karnataka
2	Performance of the Technology on specific indicators	Replacing existing MO-4 variety with Sayadri Panchamuki (IRGA-318-6-9-11-2B) with respect to yield and disease
3	Specific Feedback from farmers	It can with stand 15 days flood condition
4	Specific Feedback from Extension personnel and other stakeholders	Resistant to rust
5	Feedback to Research System based on results and feedback received	Maintenance of purity

4.C1.Results of Technologies Assessed

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Gross Return Rs. / unit	Net Return Rs. / unit	BC Ratio (Gross income/ Gross Cost)
1	2	3	4	5	6	7	8	9	10	11	12	13
Banana	irrigated	Imbalanced use of Fertilizers (Potash fertilizers) leads to low productivity and crops are susceptible to pest and diseases that will result in low income. About 85	Assessment of nutritional requirement in banana for coastal karnataka	3	T.O.1: Applcn. Of FYM 2 tonnes, DAP:150 kg. ,Urea 100 kg /ha and Application of complex fertilizers T.O.2: Rec. N: P ₂ O ₅ :K ₂ O @	Farmers' Practice UAHS, Shivamogga			On going			

		percent of the Udupi soils are low in potassium. Management of potash is very important in crops like banana			200:100:300 g/ plant (5 splits)+ FYM @ 15 tones/ha		
					T.O.3: Rec. N: P ₂ O ₅ :K ₂ O @ 300:115:450 g/plant (6 splits) + FYM @ 20 tonnes/ha	KAU, Kerala	

4.C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1	Title of Technology Assessed		Assessment of nutritional requirement in banana for coastal karnataka
2	Performance of the Technology on specific indicators		
3	Specific Feedback from farmers		
4	Specific Feedback from Extension personnel and other stakeholders		
5	Feedback to Research System based on results and feedback received		

4.D1. Results of Technologies Refined –Nil-

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Refined	Source of technology	Yield	Unit of yield	Observations other than yield	Gross Return Rs. / unit	Net Return Rs. / unit	BC Ratio (Gross income/ Gross Cost)
1	2	3	4	5	6	7	8	9	10	11	12	13
					T.O.1							

					(Farmers practice)								
					T.O.2								
					T.O.3								

4.D.2. Details of Technologies refined:

1. Title of Technology Refined
2. Performance of the Technology on specific indicators
3. Specific Feedback from farmers
4. Specific Feedback from Extension personnel and other stakeholders
5. Feedback to Research System based on results/feedback received

Results of On Farm Trial 2018-19

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. / unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Fish	-	Low growth and low market demand of locally available fresh water fish species cultured in farm ponds	Evaluate the growth performance of all male Tilapia in Coastal farm ponds	6	T.O.1: Culture of Common Carp in Monoculture system	Farmers practice	2.80	Tons	Slow growth Prolific breeding nature ³	78400	1.54	
					T.O.2: Rearing of All Male Tilapia in Monoculture system	CIFA, Bhuvaneshwara	18.25	tons	Fast growing Best sp. For aquaculture	766000	1.72	Better to culture in bio-secured condition and not recommended for open

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. / unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
												water
					T.O.3: Rearing of All Male Tilapia in Polyculture system along with Grass carp and Common carp	UAS, Bangalore	17.90	tons	Fast growing Best sp. For aquaculture	662300	1.59	Better to culture in bio- secured condition not recommended for open water

4.C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1	Title of Technology Assessed	:	Evaluate the growth performance of all male Tilapia in Coastal farm ponds
2	Performance of the Technology on specific indicators	:	TO-2 was performed better with respect to higher stocking density
3	Specific Feedback from farmers	:	TO-2 Observed the best growth, average weight more than 600 g has very good demand in market
4	Specific Feedback from Extension personnel and other stakeholders	:	In poly culture system grass carp and common carp can be cultured as service species
5	Feedback to Research System based on results and feedback received	:	Better to culture in bio-secured condition and not recommended for open water

Sl. No.	Category	Farming Situation	Season	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ ST	Others	Small / Marginal	Others
		Rice fallow	Rabi	Ragi	GPU-48	-	Crop Diversification	Introduction of high yielding, short duration ragi variety GPU-48	4	4		10	10	
5.	Vegetables													
		Irrigated	Kharif	Ridgegourd	Saniya		ICM	<ul style="list-style-type: none"> • Introduction of new high yielding variety Arka Prasan (Yields 26.0 T/Ha In 120-135 Days Duration) • Control of Soil Borne Pathogens and enhancing Nutrient Use Efficiency by drenching of Arka Microbial Consortium @25g/L • Enhancing Fruit set and Keeping Quality by spraying vegetable 	2	2	-	20	20	

Sl. No.	Category	Farming Situation	Season	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small / Marginal	Others
								special @ 1g/L • Control of Fruit fly by using Fruit fly traps						
		Irrigated	Rabi	Bhendi	Okra	-	IPDM	<ul style="list-style-type: none"> Sanitation Seed treatment with imidacloprid 60 FS @ 5 ml/kg of seed. Nursery raising in pro trays Yellow and blue sticky trap 8/acre Spraying of Neem oil 4ml/L Neem cake soil application Vegetable special 1 g/L Source : (UHS B & IIHR Bangalore)	0.32	0.32	-	5	5	
		Irrigated	Rabi	Brinjal	Mattugulla	-	ICM	<ul style="list-style-type: none"> Raising of nursery seedlings in Protrays INM: FYM 	2	2		20	20	

Sl. No.	Category	Farming Situation	Season	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small / Marginal	Others
								25t/ha+ 75% RDF NPK Kg/ha+ Arka Microbial Consortium 12.5 Kg/ha •Control of fruit and shoot borer by using Wota traps (Luci lure)						
		Irrigated	Rabi	Brinjal	Local	-	INM	Integrated Nutrient Management Soil test based fertilizer application Micronutrient application in form of vegetable special	2	2	-	10	10	
6.	Flowers													
		Homestead	Rabi	Jasmine	Udupi mallige		ICM	• Time of Pruning : November, at an height of 50 cm from ground level • INM : (FYM 10 kg/ plant) RDF 120:240:240	0.4	0.4		20	20	

Sl. No.	Category	Farming Situation	Season	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small / Marginal	Others
								g/plant in two splits • Foliar spray of micro nutrient ZnSO ₄ 0.25% + MgSO ₄ 0.5% Application of Neem cake 0.5 kg per plant • Drenching of AMC 25 g/L						
7.	Ornamental													
8.	Fruit													
		Irrigated	Rabi	Watermelon	Namdar i	-	IPDM	<ul style="list-style-type: none"> • Fruit fly trap 4/acre • Yellow and blue sticky traps – 8/acre • AMC 12 kg/acre • Bacillus mageterium 2 kg/acre • VAM 2 kg/acre • Vegetable special 1 g/L 	4	4		10	10	

Sl. No.	Category	Farming Situation	Season	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small / Marginal	Others
12.	Fodder													
13.	Plantation													
		Irrigated	Kharif	Areca nut	Mangala		IPM	<ul style="list-style-type: none"> • Collection of Adult beetle during June and July month • Application of <i>Heterorhabditis indica</i> Entomopathogenic nematodes 20 g /palm (NBAIR technology) • <i>Steinernema carpocapsae</i> 150 ml/5 L water EPN (CPCRI, Kasargod) • Spraying of imidacloprid 17.8 SL @ 0.5 ml/L on the 	9.2	9.2		7	7	

Sl. No.	Category	Farming Situation	Season	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small / Marginal	Others
29.	Implements													
	Others (specify)													

5.A. 1. Soil fertility status of FLDs plots, if analysed

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
1.	Oilseeds												
2.	Pulses												
		Rice fallow	Rabi	Cowpea	UAHS-28	-	Crop Diversification	Introduction of high yielding cowpea variety UAHS-28	Rabi	M	H	L	Paddy
3.	Cereals												
		Rainfed	Kharif	Paddy	MO-4	-	Resource Conservation Technology	Introduction of DSR method of paddy	Kharif	L	H	L	Paddy

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
		Rainfed	Kharif	Paddy	MO-4		ICM	Soil test based lime application and recommended dose of fertilizers. Soil test and yield target based fertilizer prescription under integrated plant nutrition system (IPNS)	Kharif	M	M	L	Blackgram
4.	Millets												
		Rice fallow	Rabi	Ragi	GPU-48	-	Crop Diversification	Introduction of high yielding, short duration and neck blast resistant variety ML-365	Rabi	M	M	L	Paddy
5.	Vegetables												
		Irrigated	Kharif	Ridgegourd	Saniya		ICM	Introduction of new high yielding variety Arka Prasan (Yields 26.0 T/Ha In 120-135 Days Duration) Control of Soil	Kharif	H	H	L	Cowpea

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
								<p>Borne Pathogens and enhancing Nutrient Use Efficiency by drenching of Arka Microbial Consortium @25g/L</p> <p>Enhancing Fruit set and Keeping Quality by spraying vegetable special @ 1g/L</p> <p>Control of Fruit fly by using Fruit fly traps</p>					
		Irrigated	Rabi	Bhendi	Okra	-	IPDM	<p>Sanitation</p> <p>Seed treatment with imidacloprid 60 FS @ 5 ml/kg of seed.</p> <p>Nursery raising in pro trays</p>	Rabi	H	H	L	Paddy

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
								<p>Yellow and blue sticky trap 8/acre</p> <p>Spraying of Neem oil 4ml/L</p> <p>Neem cake soil application</p> <p>Vegetable special 1 g/L Source : (UHS B & IIHR Bangalore)</p>					
		Irrigated	Rabi	Brinjal	Mattugulla	-	ICM	<p>Raising of nursery seedlings in Protrays</p> <p>INM: FYM 25t/ha+ 75% RDF NPK Kg/ha+ Arka Microbial Consortium 12.5 Kg/ha</p> <p>Control of fruit</p>	Rabi	H	H	L	Paddy

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
								and shoot borer by using Wota traps (Luci lure)					
		Irrigated	Rabi	Brinjal	Mattugulla		INM	Soil test based fertilizer application Micronutrient application in form of vegetable special	Rabi	H	H	L	Paddy
6.	Flowers												
		Homestead	Rabi	Jasmine	Udupi mallige		ICM	Time of Pruning : November, at an height of 50 cm from ground level INM : (FYM 10 kg/ plant) RDF 120:240:240 g/plant in two splits Foliar spray of micro nutrient ZnSO ₄ 0.25% + MgSO ₄ 0.5% Application of Neem cake 0.5 kg per plant	Rabi	M	M	L	Jasmine

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
								Drenching of AMC 25 g/L					
7.	Ornamental												
8.	Fruit												
		Irrigated	Rabi	Watermelon	Namdari	-	IPDM	Fruit fly trap 4/acre Yellow and blue sticky traps – 8/acre AMC 12 kg/acre Bacillus mageterium 2 kg/acre VAM 2 kg/acre Vegetable special 1 g/L		H	H	L	Paddy
9.	Spices and condiments												
		Irrigated	Kharif	Black pepper	Panniyur-1	-	ICM	• Drenching of Arka Microbial Consortia and	Kharif	M	H	L	Areca nut

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
								Arka Actinoplus @ 25g / L (3 Litres per vine) <ul style="list-style-type: none"> • Spraying of Pepper special @ 5 gm/L. during pre and post flowering • Value addition: Solar drying - by using 200 micron PP sheets White pepper production					
10.	Commercial												
11.	Medicinal and aromatic												
12.	Fodder												
13.	Plantation												
		Irrigated	Kharif	Arecanut	Mangala		IPM	Collection of Adult beetle during June and July month	Kharif	M	H	L	Arecanut

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 Return	Net Return	BCR	Gross Return	Net Return	BCR
							H	L	A									
Others (pl.specify)																		

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

** BCR= GROSS RETURN/GROSS COST

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

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

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

Results of FLDs 2018-19

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 Return	Net Return	** BCR	Gross Return	Net Return	** BCR
							H	L	A									
Fruit																		
Watermelon	IPDM in watermelon	-	-	Irrigated	5	2	417	365	391	321.8	21.5	105650	332350	226700	3.14	85600	208650	

Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	

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

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

5.B.4. Other enterprises –Nil-

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m ² }	Name of the parameter with unit	Yield			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m2)			*Economics of check (Rs./unit) or (Rs./m2)		
						Demo				Gross Return	Net Return	** BCR	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	Name of the operation with unit	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)	*Economics of demonstration (Rs./ha)			*Economics of check (Rs./ha)		
						Demo	Check			Gross Return	Net Return	** BCR	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	2	190	
2	Farmers Training	46	1898	
3	Media coverage	30		
4	Training for extension functionaries	-	-	-
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-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	1	53	17	70				53	17	70
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)										
CapacityBuilding 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) Integrated Crop Management	1	42	29	71				42	29	71
TOTAL	16	314	413	727	3	11	14	317	424	741

7.B Training of Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management	4	198	34	232				198	34	232
Resource Conservation Technologies										
Cropping Systems	2	41	16	57				41	16	57
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	28	35	63				28	35	63
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs										
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl.specify) Integrated Crop Management (ICM)	3	41	15	56	0	34	34	41	49	90

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)										
CapacityBuilding 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	22	529	288	817	0	34	34	529	322	851

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	2	33	12	45				33	12	45
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	Production and value addition										
2.a.	Fruit Plants										
2.b.	Ornamental plants										
2.c.	Spices crops										
3.	Soil health and fertility management										
4	Production of Inputs at site										
5	Methods of protective cultivation										
6	Others (pl.specify)										
7	Post harvest technology and value addition										
7.a.	Processing and value addition	1	30	14	44				30	14	44
7.b.	Others (pl.specify)										
8	Farm machinery										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	Livestock and fisheries										
10	Livestock production and management										
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c.	Fisheries Nutrition										
10.d.	Fisheries Management										
10.e.	Others (pl.specify) Dairy Farmer Entrepreneur	1	12	8	20				12	8	20
11.	Home Science										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women										
11.c.	Drudgery reduction of women										
11.d.	Others (pl.specify)										
12	Agricultural Extension										
12.a.	Capacity Building and Group Dynamics	1	65	25	90	4	5	9	69	30	99
12.b.	Others (pl.specify) Integrated Crop Management	2	69	14	83				69	14	83
	Total	7	209	73	282	4	5	9	213	78	291

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

S.No.	Area of training	No. of Courses	No. of Participants									
			General			SC/ST			Grand Total			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Crop production and management											
1.a.	Commercial floriculture											
1.b.	Commercial fruit production											
1.c.	Commercial vegetable production											
1.d.	Integrated crop management											
1.e.	Organic farming											
1.f.	Others (pl.specify)											
2	Post harvest technology and value addition											
2.a.	Value addition											
2.b.	Others (pl.specify)											
3.	Livestock and fisheries											
3.a.	Dairy farming											
3.b.	Composite fish culture											
3.c.	Sheep and goat rearing											
3.d.	Piggery											
3.e.	Poultry farming											
3.f.	Others (pl.specify) Ornamental fish	1	11	1	12	2	1	3	13	2	15	
4.	Income generation activities											
4.a.	Vermi-composting											
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.											
4.c.	Repair and maintenance of farm machinery and implements											
4.d.	Rural Crafts											
4.e.	Seed production											
4.f.	Sericulture											
4.g.	Mushroom cultivation											
4.h.	Nursery, grafting etc.											
4.i.	Tailoring, stitching, embroidery, dying etc.											
4.j.	Agril. para-workers, para-vet training											
4.k.	Others (pl.specify)											
5	Agricultural Extension											
5.a.	Capacity building and group dynamics											
5.b.	Others (pl.specify)											
	Grand Total	1	11	1	12	2	1	3	13	2	15	

7.F. Details of Skill Training Programmes carried out by KVKs under ASCI

S. No.	Name of Job Role	Date of Start	Date of Close	Total Participants	No. of Participants									Date of Assessment	No of Participants passed assessment
					General			SC/ST			Grand Total				
					Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	Friends of coconut tree	21.01.2020	14.02.2020	20	16	4	20				16	4	20	25.02.2020	20
2.	Dairy farmer entrepreneur	18.02.2020	15.03.2020	20	12	8	20				12	8	20	-	-

PART VIII – EXTENSION ACTIVITIES (2019)

8.1. 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	2	118	52	170	12	6	18	2	0	2
Kisan Mela										
Kisan Ghosthi	1	86	12	98	1	1	2	4	0	4
Exhibition	1	75000	40000	115000	25000	10000	35000	25	10	35
Film Show										
Method Demonstrations	12	418	15	433	0	0	0	9	0	9
Farmers Seminar	3	77	61	138				14	0	14
Workshop										
Group meetings	13	503	1	504	0	0	0	12	0	12
Lectures delivered as resource persons	40	2515	1908	4423	23	2	25	36	2	38
Newspaper coverage	8									
Radio talks	17									
TV talks	5									
Popular articles	3									
Extension Literature	2									
Advisory Services	36	2095	303	2398						
Scientific visit to farmers field	43	491	62	553	3	1	4	43	2	45
Farmers visit to KVK	427	37400	5020	42420	3940	2000	5940	39	3	42
Diagnostic visits	13	62	0	62	0	0	0	16	0	16
Exposure visits	6	59	28	87	2	1	3	6	0	6

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
Ex-trainees Sammelan										
Soil health Camp										
Animal Health Camp	1	15000	10000	25000						
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	13	908	671	1579	20	15	35	9	3	12
Any Other (Specify) Bi-monthly meeting	4							157	21	178
Total	650	134732	58133	192865	29001	12026	41027	372	41	413

8.2 Special Extension Programmes

Nature of Extension Programme	Date(s) conducted	No. of farmers (General)			No. of farmers SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Jal Shakti Abhiyan										
Fertilizer Use Awareness Campaign	22.10.2019	85	10	95	0	0	0	0	0	0
National Animal Disease Control Programme	11.09.2019	75	41	116	-	-	-	13	0	13
Tree Plantation Campaign	17.09.2019	55	25	80	-	-	-	-	-	-
Any other, Pl. specify Celebration of Mahathma Gandhi Jayanthi And Swachhta Hi Sewa programme	02.10.2019	70	12	82	0	0	0	0	70	12

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIAL (2019)**9.A. Production of seeds by the KVKs**

Crop category	Name of the crop	Name of the Variety	Name of the Hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Lady's finger	White velvet	-	0.2375	28504	95
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total				0.2375	28504	95

9.B. Production of planting material by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial	Cashew grafts	Uallal-3 & V-7	-	3603	72060	72
Vegetable seedlings						
Fruits	Papaya	Thaiwan red lady	-	1485	29700	29
Ornamental plants						
Medicinal and Aromatic						
Plantation	Coconut seedlings	West coast tall	-	151	9060	23
	Arecanut seedlings	Mangala, Mohitnagar, Swarnamangala	-	9921	198420	103
Spices	Pepper cuttings	Panniyur1	-	5983	59830	60
	Bush pepper plants	Panniyur1	-	283	8510	15

Tuber						
Fodder crop saplings						
Forest Species						
Others(specify)Flower crops	Jasmine plants	Udupi Jasmine	-	625	18750	172
Total				22051	396330	474

9.C. Production of Bio-Products

	Name of the bio-product	Quantity (q)	Value (Rs.)	Number of farmers to whom provided
Bio Products				
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents	Earth worms	0.01	405	3
Others (specify)	Coconut fronds vermin compost	6.312	12624	45
Total		6.322	13029	48

9.D. Production of livestock

Particulars of Livestock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers	Giriraja	2161	216130	53
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				

Particulars of Livestock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Fingerlings	Common carp	16733	50200	251
Others (Pl. specify)				
Total		18894	266330	304

PART X – PUBLICATIONS, SUCCESS STORY, INNOVATIVE METHODOLOGY, ITK, TECHNOLOGY WEEK

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

(A) KVK Newsletter:

Date of start: 2006 Periodicity: _____ Copies printed in each issue: _____

(B) Literature developed/published

Item	Number
Research papers/Abstract- International	1
Research papers- National	4
Technical reports	
Technical bulletins	
Popular articles - English	
Popular articles – Local language	4
Extension literature	
Others (Pl. specify)	
TOTAL	

10.B. Details of Electronic Media Produced

S. No.	Type of media	Title	Details
1	CD / DVD	Terrace gardening and spine gourd cultivation Salvinia molesta weed management Coconut fronds vermicompost production	
2	Mobile Apps		
3	Social media groups with KVK as Admin	Friends of coconut tree, nursery training DK & Udupi Tri-monthly	
4	Facebook account name		
5	Instagram account name		

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

Success stories of mushroom cultivation training programme

Mr. Ravi a daily wage worker is native of Thellar village Karkala Tq. has undergone two days training on mushroom cultivation at K.V.K Udupi during 2016-17. With that knowledge and financial assistance from his land lord Mr Krishna Upadyaya he had started milky and oyster mushroom production unit with also the financial assistance from Dept. of Horticulture, Karkala. He started production of milky mushroom which requires higher temperature during March to May. When the temperature was low during monsoon and winter he has cultivated oyster mushroom. Earlier he has failed due to contamination problem and was in a verge to close the unit. He approached K.V.K for the technical know how and for further knowledge in mushroom production. The Scientist of K.V.K Brahmavar deputed him to IIHR, Bengaluru he underwent two days hands on training and was able to learn and correct the mistakes which he had committed earlier. After the training he could find less contamination, could fill more number of bags/day and also learnt about the preparation of Ready To Grow (RTG) mushroom bags which he is selling to the urban customers and gaining income. Through the intervention of IIHR, Bengaluru and KVK, Brahmavar he was able to cultivate oyster mushroom which is in demand throughout the year in the local market compared to milky mushroom. He is earning net income of Rs. 4,300 per month Selling ready to grow mushroom bags and Rs. 13,000 per month by selling the mushrooms. Mushroom training at K.V.K and I.I.H.R Bengaluru, has changed the social and economic status of Mr. Ravi. After undergoing training he also attends consultancy in mushroom cultivation wherein he shares his knowledge with the fellow farmers and motivate them to start entrepreneurship in mushroom cultivation. Likewise five farmers in the district started mushroom cultivation under his guidelines.



Mushroom unit constructed from the assistance from the Dept. of Horticulture, Karkala

Another woman farmer Mrs. Susheela from Badagrama, Uchchila, Udupi district, also undergone two days hands on training programme on mushroom cultivation at IIHR, Bengaluru under the supervision of the Scientists. Earlier, she was growing mushrooms in small scale, facing problems with the quality of the produce. After the training from IIHR, she has started producing good quality mushrooms in larger scale. She is earning net profit of Rs. 4,44,500 by selling nearly 3500 bags per month individually. Apart from this, Mrs. Susheela, with six other women farmers, who are also undergone training programme at IIHR on mushroom cultivation, started large scale production unit along with fully equipped machineries. She also shares her knowledge with the fellow farmers and motivate them to start entrepreneurship in mushroom cultivation. This training programme has changed the social and economic status of Mrs. Susheela and also her team.

10.D. Give details of Innovative Methodology or Innovative Approach of Transfer of Technology developed and used during the year

- Use of multi media in training the farmers
- Use of mass media like newspaper, agriculture magazines, tv and All India Radio for transfer of technology
- Text messages through MKISAN Portal

10.E. Give details of Indigenous Technical Knowledge practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs) – Nil-

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

10 F. Technology Week celebration during 2019: -Nil-

Period of observing Technology Week: From _____ to _____
 Total number of farmers visited : _____
 Total number of agencies involved : _____
 Number of demonstrations visited by the farmers within KVK campus : _____

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized			
Exhibition			
Film show			
Fair			
Farm Visit			
Diagnostic Practicals			
Supply of Literature (No.)			
Supply of Seed (q)			
Supply of Planting materials (No.)			
Bio Product supply (Kg)			
Bio Fertilizers (q)			
Supply of fingerlings			
Supply of Livestock specimen (No.)			
Total number of farmers visited the technology week			

10 E. Recognition and Awards: Please give details about National and State level recognition and awards

Sl.No.	Name of the Scientist	Name of the Award	Awarded by	Year
1	Dr. N.E. Naveen Scientist (Agronomy) KVK, Brahmavar	Best Extension Scientist Award	University of Agricultural and Horticultural Sciences, Shivamogga	2019-20

PART XI – SOIL AND WATER TEST

11.1 Soil and Water Testing Laboratory

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

1. Year of establishment : 2002

2. List of equipments purchased with amount : Nil

Sl. No	Name of the Equipment	Qty.	Cost	Status
1				
2				
3				
Total				

B. Details of samples analyzed since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	4109	3618	2296
Water Samples	1093	961	849
Plant samples			
Manure samples			
Others (specify)			
Total	5202	4579	3145

C. Details of samples analyzed during the 2019:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	230	220	191
Water Samples	465	465	465
Plant samples			
Manure samples			
Others (specify)			
Total	695	685	685

11.2 Mobile Soil Testing Kit

A. Date of purchase and current status – Nil-

Mobile Kits	Date of purchase	Current status
1.		
2.		

B. Details of soil samples analyzed during 2019 and since establishment with Mobile Soil Testing Kit: - Nil-

	Progress during 2019	Cumulative progress
Samples analyzed (No.)		
Farmers benefited (No.)		
Villages covered (No.)		

11.3 Details of soil health cards issued based on SWTL & Mobile Soil Testing Kit during 2019:

Particulars	Date (s)	Villages (No.)	Farmers (No.)	Samples analyzed (No.)	Soil health cards issued (No.)
SWTL		191	220	230	230
Mobile Soil Testing Kit	-	-	-	-	-

11.4 World Soil Health Day celebration

Sl. No.	Farmers participated (No.)	Soil health cards issued (No.)	VIPs (MP/ Minister/MLA attended (No.)	Other Public Representatives participated	Officials participated (No.)	Media coverage (No.)
1	62	10	-	-	Associate Director of Extension and Research ZAHRS, Brahmavar Principal Diploma College of Agriculture ZAHRS, Brahmavar Senior Farm Superintendent ZAHRS, Brahmavar	2

PART XII. IMPACT

12.A. Impact of KVK activities (Not restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Introduction of DSR method of paddy cultivation in coastal region	10	20	27211	37750
ICM in Ridge gourd	20	23	83700	121900
ICM in blackpepper	20	75	205900	321050
ICM in paddy	10	18	26594	37412

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

12.B. Cases of large scale adoption (Please furnish detailed information for each case with suitable photographs)

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

PART XIII - LINKAGES

13A. Functional linkage with different organizations

Name of organization	Nature of linkage
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

SIRD, Manipal	Training Programme
BVT, Manipal	Training Programme
Engineering College, Nitte	Agricultural implements
MIT	Marketing linkage for Mattugulla, Brinjal

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

13B. List of special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Organizing 5 skill training programme of rural youth for six days	12.02.2019	GKVK, Bangalore	42,000/-
Conducting Pre Rabi Campaign	12.02.2019	ATARI	80000/-
“Improving Livelihood and Enhancing Family income of farmers through Horticulture interventions under Bhoosamrudhi Project”	25.01.2019	ASCI	630000/-
Swatchata Action Plan	07.02.2019	ATARI	50000/-
FOCT	01.01.2019	ASCI	165200/-
Dairy Farmer Entrepreneur	01.01.2019	ASCI	189600/-
DAESI Programme	22.05.2019	Sameti UAS Bangalore	760000/-
Precision management of <i>Salvinia molesta</i> through integrated approach in Udupi Dist of coastal Karnataka	16.05.2019	GOK	350441/-
Establishment of crop technology and IFS demonstration units in farmers fields through participatory mode”	01.08.2019		800000/-
“Evaluation of Growth and Yield performance of Arecanut varieties in the coastal region of Karnataka”	09.10.2019	GOK Grants	300000/-
Tree Plantation Campaign	30.10.2019	ATARI	10000/-
FOCT	27.12.2019	ASCI	180000/-
Dairy Farmer Entrepreneur	27.12.2019	ASCI	210000/-

13C. Details of linkage with ATMA

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings				
02	Research projects				
03	Training programmes	Cultivation of horticulture crops Watermelon cultivation IPDM in vegetables Integrated farming systems Salvinia molesta weed management Organic farming	8		
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela				
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	Others (Pl. specify)				
06	Publications				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
	Others (Pl. specify)				
07	Other Activities (Pl. specify)				
	Watershed approach				
	Integrated Farm Development				
	Agri-preneurs development				

13D. Give details of programmes implemented under National Horticultural Mission – Nil-

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

13E. 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

13F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
1	Friends of coconut tree	Skill training	1,80,000		Training has started from 20 th January 2020

13G. Kisan Mobile Advisory Services

Month	Message type (Text/Voice)	SMS/voice calls sent (No.)						Total SMS/Voice calls sent (No.)	Farmers benefitted (No.)
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprises		
January	Text messages	Coconut Vegetables Hydroponics						3	3148
February		Coconut Arecanut						2	3469
March		Paddy Cashew						3	3469
April		-	-	-	-	-	-	-	-
May		-	-	-	-	-	-	-	-
June		Paddy						4	8238
July		Coconut Udupi Mallige						3	7785
August		Udupi mallige Arecanut Pepper						4	7785
September		Paddy						1	3660
October		Pepper Coconut						2	10816
November		Arecanut Udupi Mallige						2	10816
December		Pepper Udupi Mallige						3	10810
Total							27		

PART XIV- PERFORMANCE OF INFRASTRUCTURE IN KVK**14A. 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	Poultry shed	1993	0.082	Giriraja	birds	2161 Nos	180000	216130	
2	Fish pond	1995	0.031	Common carp	Fingerlings	16733 Nos	30000	50200	
3	Vermicompost unit	1995	0.010	Coconut fronds vermin compost	Vermicompost	631 kgs	6000	12624	
4	Coconut nursery	1997	0.0255	West coast tall	Seedlings	151 Nos	6300	9060	
5	Jasmine demo plot	1995	0.04	Udupi Jasmine	Cuttings	625 Nos	12500	18750	
6	Bush pepper demo plot	1995	0.008	Panniyur1	Cuttings	283 Nos	5500	8510	
7	Poly house (2 Nos)	1997	0.016	Ullal-3 & V-7	Cashew grafts	3603 Nos	50442	72060	
8	Poly house (2 Nos)	1997	0.016	Thaiwan red lady	Papaya seedlings	1485 Nos	22275	29700	
9	Poly house under NHM	2014	0.0125	Panniyur varieties	Pepper seedlings	5983 Nos	29915	59830	
10	Shade net house under NHM	2014	0.025	Mangala, Mohitnagar, Swarnamangala	Arecanut seedlings	9921 Nos	119052	198420	

14B. Performance of instructional farm (Crops) including seed production – Nil-

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									
Others (specify)									

14C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc..)

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Coconut fronds vermin compost	631.2 kgs	6312	12624	

14D. 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	

14E. Utilization of hostel facilities

Accommodation available (No. of beds) – Nil-

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

14F. Database management

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

15.5 CFLD on Oilseed : As per the excel sheet enclosed

15.6 Seed on Pulses : As per the excel sheet enclosed

15.7 Krishi Kalyan Abhiyan – Nil-

Type of Activity	Date(s) conducted	No. of farmers (General)			No. of farmers SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total

15.8 Micro-Irrigation – Nil-

Type of Activity	Date(s) conducted	No. of farmers (General)			No. of farmers SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total

PART XVI - FINANCIAL PERFORMANCE

16A. 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, Brahnavar	0466	S.B. Account	0466101172871 0466101173629		CNRB 0000466

16B. Utilization of KVK funds during the year 2018-19(Rs. in lakh)

Sl.No.	Particulars	Sanctioned	Released	Expenditure
21.1	(A). REVENUE (Recurring Contingencies)			
21.1.1	Pay & Allowances	84,20,000	86.67	86,67,000
21.1.2	Traveling allowances	1,50,000	0.75	-16,164
21.1.3	Contingencies	11,62,000	9.30	7,90,310
21.1.3.a	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter	2,25,000	0.92	88,877
21.1.3.b	POL, repair of vehicles, tractor and equipments	1,75,000	1.50	1,47,511
21.1.3.c	Food/refreshment for farmers/extension personnel @ Rs.150/person/day	1,00,000	0.60	54,373
21.1.3.d	Training material (need based materials and equipments for conducting the training)	50,000	0.20	19,963
21.1.3.e	Frontline demonstrations	3,54,000	3.40	2,88,782
21.1.3.f	On farm testing (OFTs)/Technology Assessment	72,000	0.72	57,630
21.1.3.g	Integrated Farming System (IFS) (Min. 5 Units)	0	0	
21.1.3.h	Training of extension functionaries	15,000	0	0
21.1.3.i	Extension activities/services	50000	0.47	35,462
21.1.3.j	Farmers' Field School	30,000	0.22	21,684
21.1.3.k	EDP (2 Nos.) / Innovative activities	7,000	0.07	0
21.1.3.l	Soil & water testing & issue of soil health cards	25,000	0.15	4,767
21.1.3.m	Maintenance of building	50,000	1.0	99,089
21.1.3.n	Farmers Conclave, KVK Conference			
21.1.3.o	Video production			
21.1.3.p	Library (Purchase of Journals, Periodicals, News Papers& Magazines)	9,000	0.05	4,500
	Total Recurring	97,32,000	96.72	94,73,474
21.2	(B). CAPITAL (Non-Recurring Contingencies)			
21.2.1	Equipments& Furniture			
21.2.2	Works			
21.2.3	Vehicle			
21.2.3 a	Four wheeler (replacement)			
21.2.4	Library			
	TotalNon Recurring			
21.3	(C). REVOLVING FUND			
	GRAND TOTAL (A+B+C)	97,32,000	96.72	94,73,474

Utilization of KVK funds January 2019 to December 2019

Sl.No.	Particulars	Sanctioned	Released	Expenditure
21.1	(A). REVENUE (Recurring Contingencies)			
21.1.1	Pay & Allowances	9967000	9967000	7177080
21.1.2	Traveling allowances	75000	75000	74222
21.1.3	Contingencies			
21.1.3.a	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter	100000	100000	99854
21.1.3.b	POL, repair of vehicles, tractor and equipments	150000	150000	134750
21.1.3.c	Food/refreshment for farmers/extension personnel @ Rs.150/person/day	60000	60000	59327
21.1.3.d	Training material (need based materials and equipments for conducting the training)	20000	20000	18670
21.1.3.e	Frontline demonstrations	220000	220000	224735
21.1.3.f	On farm testing (OFTs)/Technology Assessment	23000	23000	6400
21.1.3.g	Integrated Farming System (IFS) (Min. 5 Units)	0	0	0
21.1.3.h	Training of extension functionaries	0	0	0
21.1.3.i	Extension activities/services	25000	25000	22956
21.1.3.j	Farmers' Field School	30000	30000	13066
21.1.3.k	EDP (2 Nos.) / Innovative activities	0	0	0
21.1.3.l	Soil & water testing & issue of soil health cards	25000	25000	25000
21.1.3.m	Maintenance of building	0	0	0
21.1.3.n	Farmers Conclave, KVK Conference	0	0	0
21.1.3.o	Video production	0	0	0
21.1.3.p	Library (Purchase of Journals, Periodicals, News Papers & Magazines)	5000	5000	4270
	Total Recurring	10700000	10700000	7860330
21.2	(B). CAPITAL (Non-Recurring Contingencies)	0	0	0
21.2.1	Equipments & Furniture	0	0	0
21.2.2	Works	0	0	0
21.2.3	Vehicle	0	0	0
21.2.3 a	Four wheeler (replacement)	0	0	0
21.2.4	Library	0	0	0

Sl.No.	Particulars	Sanctioned	Released	Expenditure
	Total Non Recurring	0	0	0
21.3	(C). REVOLVING FUND	0	0	0
	GRAND TOTAL (A+B+C)	10700000	10700000	7860330

16C. Status of revolving fund (Rs. in lakh) for the last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2016 to March 2017	300255	769970	359954	710271
April 2017 to March 2018	710271	916822	732756	894337
April 2018 to March 2019	894337	586328	663236	817429
April 2019 to December 2019	817429	721742	282629	1256542

17. Details of HRD activities attended by KVK staff - Nil-

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. N.E.Naveen	Scientist (Agronomy)	Recent advances in statistical modeling and forecasting agricultural data analysis	ICAR-IASRI New Delhi	23 rd Feb to 15 th March 2019

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