KRISHI VIGYAN KENDRA, DAKSHINA KANNADA

ANNUAL REPORT- 2019

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

ICAR –KRISHI VIGYAN KENDRA, DAKSHINA KANNADA

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KARNATAKA VETERINARY, ANIMAL AND FISHERIES SCIENCES UNIVERISITY, NANDINAGAR, BIDAR – 585 401

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 - GENERALINFORMATION ABOUT THE KVK

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

KVK Address	Telephone		E mail	Web Address
	Office	Fax		
Krishi Vigyan Kendra (D.K.), Kankanady, Mangaluru-575002.	0824-2431872	0824-2430060	Kvk.DakshinaKannada@icar.gov.in kvkdk@rediffmail.com	www.kvkdk.org

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

Address	Telephone		E mail	Web Address
	Office	Fax		
Vice Chancellor, Karnataka Veterinary Animal & Fisheries Sciences University Nandinagar, P.B.No.-6, Bidar -585 401	08482-245264	08482-245107	vckvafsu@yahoo.co.in dekvafsu@gmail.com	www.kvafsu.kar.nic.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. T.J. Ramesha	-	9436836352	drtjramesha1970@gmail.com

1.4. Year of sanction: 2004

1.5. Staff position as on 31 December 2019

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Head/Senior Scientist	Dr. T.J. Ramesha	Senior Scientist & Head	M	Fisheries	Ph.D., Aquaculture	37400-67000	131400	29.06.2019	Permanent	OBC
2	Scientist/SMS	Dr. Chethan N	Scientist	M	Fisheries	Ph.D., Aquatic Environment Management	15600-39000	57700	01.06.2019	Permanent	General
3	Scientist/SMS	Dr. Kedarnath	Scientist	M	Plant Protection and Entomology	Ph.D., Plant Pathology	15600-39000	57700	03.06.2019	Permanent	General
4	Scientist/SMS	Dr. Naveen Kumar B.T.	Scientist	M	Agronomy	Ph.D., Agronomy	15600-39000	57700	03.06.2019	Permanent	ST
5	Scientist/SMS	Dr. Mallikarjun L	Scientist	M	Soil Science	Ph.D., Soil Science	15600-39000	57700	06.06.2019	Permanent	OBC
6	Scientist/SMS	Dr. Rashmi R	Scientist	F	Horticulture	Ph.D., Horticulture	15600-39000	57700	06.06.2019	Permanent	OBC
7	Scientist/SMS	- Vacant-	Scientist	-	Veterinary	-	-	-	-	-	-
8	Programme Assistant (Lab Tech.)	- Vacant-	Programme Assistant	-	-	-	-	-	-	-	-
9	Programme Assistant (Computer)	Mr. Sathisha Naik K	Programme Assistant	M	Computer	M.Com. ADCST (Comp.)	9300-34800	17130	24.01.2011	Permanent	ST
10	Programme Assistant/ Farm Manager	- Vacant-	Programme Assistant	-	-	-	-	-	-	-	-
11	Assistant	Mrs. Sowmya D.K.	Senior Assistant	F	Accounts	-	37900-70850	37900	31.05.2019	Permanent	OBC
12	Jr. Stenographer	Mrs. Deepa	Computer Operator	F	-	-	-	30250/- consolidated	02.11.2011	Temporary	OBC
13	Driver - 1	Mr. Somashekharaiah S.M.	Driver-1 (Tractor)	M	-	-	-	27550/- consolidated	26.09.2014	Temporary	OBC
14	Driver - 2	Mr. Keshava	Driver-2 (Jeep)	M	-	-	-	21300/- consolidated	25.05.2010	Temporary	OBC
15	SS-1	Mr. Ashwith Kumar	SS-1 Cook cum caretaker	M	-	-	-	21300/- consolidated	21.10.2011	Temporary	OBC
16	SS-2	Mrs. Vidyavathi	SS-2 Messenger	F	-	-	-	16900/- consolidated	25.04.2012	Temporary	SC

1.6. Total land with KVK (in ha): 25.99 ha

S. No.	Item	Area (ha)
1	Under Buildings	2.00
2.	Under Demonstration Units	0.11
3.	Under Crops	6.89
4.	Orchard/Agro-forestry	-
5.	Others	16.99
	Total	**25.99**

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	24.11.2007	550	42,25,000.00	-	-	-
2.	Farmers Hostel	ICAR	24.11.2007	300	35,72,000.00	-	-	-
3.	Staff Quarters	ICAR	24.11.2007	400	32,35,000.00	-	-	-
	1	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-
4.	Demonstration Units							
	1.Fisheries	ICAR	20.02.2007	80	1,75,000.00	-	-	-
	2. Horticulture	ICAR	12.05.2008	260	2,00,000.00	-	-	-
	3	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-
9								
10								

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero DI Jeep	2004	5,00,000	321121 kms	Not in Roadworthiness
M.F. Tractor 1035	2005	5,00,000	287 hrs	Not in working condition
Hero Honda (Bike)	2006	40,000	39468 kms	Good condition
Aviator	2009	50,000	31530 kms	Good condition
Tractor John Deere-5045D	2016	6,84,324	290 hrs	Good condition
Bolero Power plus	2019	8,00,000	7315 kms	Good condition

C) Equipment & AV aids

Name of the Equipment	**Year of Purchase**	**Cost (Rs.)**	**Present Status**
Sprayers	2005	2,640.00	Good
Power sprayer	2008	4,800.00	Good
Drum Seeder & Cona Weeder	2005	2,600.00	Good
Paddy Planting Marker	2005	1,350.00	Good
Xerox Machine	2006	75,000.00	Good
Computer & Accessories	2006-07	98,890.00	Good
Weed cutter	2008	13,000.00	Good
Generator	2011	99,955.00	Good
EPBX	2011	49,455.00	Good
Power tiller	2011	1,50,000.00	Good
Milking Machine	2012	24961.00	Good
AV aids			
Digital Camera	2006	20,000.00	Good
Magnetic White Board	2008	3,800.00	Good
Desktop HP-Pavilion 6710in INTEL DUAL CORE	2011	30,900.00	Good
LAPTOP HP PAVILION DV6-3120TX	2011	37500.00	Good
UPS Frontech 800 Va.	2011	3000.00	Good
APC Backup 800 Va.	2013	1700.00	Good
Epson Data Projector EB-X02	2014	37940.00	Good

Mike set-AHUJA	2014	36317.00	Good
Nesara 500 ltr Fpcsolar water Heater	2014	72650.00	Good
12 V/110 Tubular Battery with Trolley	2014	26793.00	Good
1.4 VA/24VEmeric make UPS	2014	7407.00	Good
Panasonic 2.0 Ton Split AC CS CU- UC24QKY2 2* & V-Guard VG 500 5 KVA Voltage Stabilizer	2014	141000	Good
LG LED T.V. Model 32LB550A-ATR	2014	21500.00	Good
Drilling Machine	2016	1150.00	Good
Microwave oven	2016	14800.00	Good
Camera DS 200 Nikon	2016	28000.00	Good
Benro Tripod (R-T 600 EX) Camera stand	2016	2500.00	Good
Sub woofer Mitashi 2.0 C.H. TNR 60 Fur	2016	7490.00	Good
Mini Soil Test Kit	2016	86000.00	Good
Oxygen Gas cylinder(10 Ltr C)	2016	4748.00	Good
Plough	2017	35000.00	Good
Terrier Blade	2017	45250.00	Good
STD Rotary Tiller RT/ID15 5SG	2017	96000.00	Good
Full Kagi Wheel for Tractor	2017	35840.00	Good

1.8. Details of SAC meeting conducted during 2019 : Nil

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
-	-	-	-	-
-	-	-	-	-

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	Cereals	Paddy
2	Pulses	Black gram, Green gram, Cowpea and Horse gram
3	Oil Seeds	Sesamum
4	Vegetables	Brinjal, Bhendi, cowpea, Ash gourd, Amaranths, Littlegourd, Ridge gourd, Pumpkin, Cucumber, Tapioca , Basella, Sweet potato and Other vegetable
5	Fruits	Banana, Pineapple, Sapota, Papaya, Jackfruit and Mango
6	Plantation Crops	Arecanut, Coconut, Cashew, Pepper, Rubber, Vanilla and Cocoa
7	Flower Crops	Marigold, Jasmine and Crossandra
8	Animal Husbandry	Dairy, Piggery, Poultry and Fisheries

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, Zone 10	ICAR- Krishi Vigyan Kendra, Dakshina Kannada, Kankanady, Mangaluru is situated in the Coastal Zone No-10 with an operational area of five Taluks *viz*., Mangaluru, Bantwal, Belthangady, Puttur and Sullia. The total Geographical area of the district is 4770 sq. km. The district has 130833 ha of net cultivable area mainly dependent on rainfall. The Normal rainfall is 4040 mm. The annual average rainfall received during the period January-2019 to December is 4057.93 mm. This district receives heavy rainfall during the months of July, August and September. Maximum temperature of 35.3^{o}C was recorded in the month of April-2019 and minimum temperature of 11.2^{o}C was recorded during the month of January-2019. The Average relative humidity was recorded 70.4 during the reporting year. The soil in the major portions of the district consists of three types, viz. coastal sandy, alluvial, laterite and lateritic, red loamy soil. Apart from this, coastal saline soil is also noticed in some parts of the district owing to the proximity to sea or backwater. Soils are low in CEC and highly acidic in condition. The pH of the soil ranges from 4.12 to 5.8 with low soluble salt content. The major nutrient status of the soil is varying from low to medium. The major food crop grown in the district is Paddy. The Plantation crops are Arecanut, Coconut, Cashew, Rubber, Pepper, Cocoa and Banana. In some parts of the district, pulses like Black gram, Green gram, Horse gram and cowpea are grown in rabi and summer in paddy fallows. Sesamum is the oil seed crop and vegetables like cucumber, Bhendi, Chilli, Brinjal Bitter gourd, Ash gourd and Little gourd are grown during Rabi/ Summer season.

S. No	Agro ecological situation	Characteristics
1	AES1-Coastal belt	This covers the taluks of Bantwal and Mangaluru. The soils of this AES are red lateritic mixed with alluvial soil. Borewell tube wells and tanks are the major source of irrigation. Major crops include paddy, arecanut, coconut, cashew pulse crops and other vegetable crops.
2	AES-2 Malnad region	This covers the taluks of Belthangady Puttur and Sullia. Predominant by western ghat sections. The soils are red sandy loamy and poor in soil fertility, Tanks are major irrigation source. Less emphasis on sericulture. Major crops are plantation crops and Rubber

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Coastal sands, Alluvial, Laterite and Red loamy soil	The soils are mainly lateritic and acidic in nature. Around 95% of soils are red and only 5 % are black alluvium. Nearly 60% of the soils are lateritic in nature. The soil depth is moderately deep (25 cm) to deep (100 cm) in nature. Soils are low in CEC. The pH of the soil ranges from 4.12 to 5.8 with low soluble salt content. The major nutrient status of the soils is varying from low to medium.	129371

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	48689.00	140827.00	2735.00
2	Arecanut	35409.00	53076.60	1500.00
3	Coconut	18467	1975.83 (Lakh nuts)	0.11 (Lakh nuts)
4	Sesamum	483.00	164.00	339.00
5	Leafy Vegetables	594.00	10020.00	16870.00
6	Brinjal	55.00	1318.50	23970.00
7	Bhendi	176.00	1352.60	7690.00
8	Green chilli	137.00	849.80	6200.00
9	Watermelon	214.00	7473.70	34920.00
10	Horsegram	190.00	49.00	372.00
11	Cowpea	543.00	182.00	325.00
12	Pepper	2736.00	596.75	220.00
13	Cashew	33111.00	47816.45	1440.00
14	Jasmine	101.00	587.52	5820.00
15	Other vegetable	40.00	561.90	14050.00

* * Source: Statistical Department, Dakshina Kannada (Year: 2017-18), Dept. of Agriculture & Horticulture-2017-18

2.5. Weather Data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
January-19	0.03	21.9	**11.2**	74.9
February-19	0.90	23.3	12.1	72.95
March-19	1.10	32.3	22.6	49.35
April-19	41.10	**35.3**	23.2	57.15
May-19	42.50	33.7	21.3	49.60
June-19	424.70	28.2	22.2	55.85
July-19	927.30	28.5	25.1	56.15
August-19	1291.10	24.2	20.1	52.75
September-19	690.70	26.5	15.2	56.40
October-19	510.40	25.7	21.4	83.4
November19	101.50	30.7	23.9	49.75
December-19	26.60	25.7	20.3	45.55
Total	**4057.93**	**336**	**238.6**	**703.8**

* * Sources: Agriculture Department for Rainfall data : KSDA, DK, Mangaluru & Temperature and Humidity: AHRS, Ullal, Mangaluru

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

Category	Population	Production	Productivity
Cattle			
Crossbred	139968	-	-
Indigenous	113747	-	-
Buffalo	3700	-	-
Sheep			
Crossbred	23	-	-
Indigenous	242	-	-
Goats	24628	-	-
Pigs			
Crossbred	4793	-	-
Indigenous	1493	-	-
Rabbits	1166	-	-
Poultry			**172**
Hens	1721908	-	-
Desi	-	-	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	-	**152010.3t.**	-
Marine	-	-	-
Inland	-	-	-
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

* Source: Statistical Department, Dakshina Kannada (Year: 2017-18),

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

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
01	Mangaluru	Shirthady	Mantaridi	1 year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture	Monoculture of Amur Common carp
		Beluvai	Maroor	1 year	Fisheries	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture	Integration of poultry with fish farming
		Beluvai	Beluvai	2 Years	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	Composite fish culture with pangesius suchi
02	Bantwal	Peruva	Peruvai	2019	Jasmine	Pruning techniques not followed so low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine
	Bantwal	Kavalapadur	Kavalapadur	2019	Arecanut	Low yield due to spindle bug	Assessment of spindle bug in arecanut
	Bantwal	Kavalapadur	Kavalapadur	2 Years	Paddy	Low yield due to low adoption of scientific cultivation practices, non availability of paddy variety to low lands	INM in paddy

	Bantwal	Karopady	Karopady	2 Years	Paddy	Not utilization of paddy fallows during rabi/summer	Introduction of suitable cowpea variety
	Bantwal	Polali	Polali	1 year	Watermelon	Low yield due to high Incidence powdery mildew and weed competing for nutrients	Pest and Disease Management in Water melon
	Bantwal	Kalvalapadoor	Kalvalapadoor	1 year	Paddy	Poor yield due to stem borer, Gundy bug and brown spot disease	Ecofriendly Pest Management in Paddy
	Bantwal	Manila	Manila	1 year	Fishereies	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture	Monoculture of Amur Common carp
03	Puttur	Puttur	Bannuru	1 year	Brinjal	High transplanting shock and hence poor establishment of main crop, Imbalanced use of fertilizers, Soil borne diseases.	Pest and Disease Management in Brinjal
	Puttur	Puttur	Kabaka	1 Year	Black Pepper	High incidence of foot rot disease, spike shedding improper nutrient management	Root rot management in pepper
	Puttur	Kabaka	Kedenje	1 Year	Fishereies	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture	Monoculture of Amur Common carp
	Puttur	Kabaka	Mundur	1 Year	Fishereies	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	Composite fish culture with pangesius suchi
04	Sullia	Aranthodu	Pilikaje	1 Year	Fishereies	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture	Integration of poultry with fish farming
05	Belthangady	Kalya	Madathyar	2 Year	Fishereies	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	Composite fish culture with pangesius suchi

	Belthangady	Kalya	Belthangady	1 Year	Fishereies	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture	Integration of poultry with fish farming

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	Integrated crop management
2	Introduction of HYV
3	Mechanization in paddy
4	Integrated pest and disease management
5	Integrated farming systems
6	Acid Soil Management
7	Organic farming
8	Scientific Animal Husbandry practices
9	Inland Fish culture
10	Income generation activities like backyard poultry rearing

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
02	01	06	03	10	09	59	49
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Training				Extension Programmes			
3				4			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
11	10	222	207	173	5370	248	7355
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Seed Production (Q)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
MO-4 Paddy: 20.0q.	13.18 q.	Jasmine Seedlings: 1000 Nos.	-
Pulses : 01q.	-	Fodder cuttings: 1000 Nos.	-
Bendi Seeds: 0.0005	-	Drumsticks: 1000 Nos.	-
		Papaya: 1000 Nos.	-

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Poultry: 5000 No.	5000 No. (Swarnadhara)	Trichoderma: 100 Kg.	-
Fisheries: 200000 Nos.	16320 Fingerlings	Earth worms: 5 Kg.	-
Piglets: 40 No.	-	-	-
-	-	-	-

3.B1. Abstract of interventions undertaken

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	
01	ICM	Jasmine	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine	**-**	**01**	**-**	**-**	**-**	**-**	**-**	**-**	**No.**	**Kg 150 neem Cake**
02	IPM	Arecanut	Spindle Bug affecting young Arecanut palms (3 year old) affecting the growth and yield	Assessment of Spindle-bug in Arecanut	-	-	-	-	-	-	-	-	-	-
03	INM in paddy	Paddy	Low yield due to low adoption of scientific cultivation practices. Suitable variety for low lands is not available. Wild boar damage during harvest.	-	Nutrient Management in Paddy	**01**	**-**	**-**	**01**	**-**	**-**	**-**	**-**	**-**

04	Dairy	Fodder Crops	Shortage of green fodder during summer season , high cost of concentrates, under utilization of space in coconut plantation	-	Introduction of shade tolerant guinea grass in coconut garden	-	-	-	-	-	-	-	-	-
05	Crop Rotation	Cowpea	Under utilization of paddy fallows and low yield of local variety Bombay avade.	-	Introduction of Cowpea UAHS-28 in Paddy fallows	01	-	-	-	0.50	-	-	-	Rhizobium: 5Kg.
06	ICM	Watermelon	Low yield due to high incidence powdery mildew and weed competing for nutrients.	-	Pest and Disease management in water melon	01	-	-	-	-	-	-	-	Trichoderma: 10 Kg. Neem cake: 250kg.
07	ICM	Brinjal	High transplanting shock and hence poor establishment of main crop, Imbalanced use of fertilizers, Soil borne diseases.	-	Pest and Disease management in Brinjal	01	-	-	-	-	-	-	-	Arka Microbial consortium 25Kg., Arka vegetable Special: 10Kg.

08	Integrated Disease management	Black Pepper	High incidence of foot rot disease, spike shedding improper nutrient management	-	Root rot management in pepper	1 (25)	-	-	Field visits: 4 Training: 1				10 Nos	AMC: 80 kg Arka Actinoplus: 75 kg Pepper Special: 10 kg
09	Integrated pest and disease management	Paddy	High incidence of stem borer, Gundy bug and brown spot disease	-	Ecofriendly pest management in paddy	1 (19)	-	-	Training: 1 Field Visits: 3 Field Day: 1	-	-	-	5 Nos	Pseudomonas: 10Kg Trichogramma cards: 250000 Eggs Neem Oil: 1.25 litre Pheromone trap: 10 Nos.
10	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	-	Composite fish culture of carps with *Pangassius sutchi*	1	-	-	Training: 1 Field Visits: 9	-	-	Catla=600 Rohu=600 Common Carp=300 *Pangassius sutchi=1500*	3 Nos	60kg
11	Fisheries	Fisheries	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture	-	Integrated Poultry with Fish Farming	1	-	-	Training: 1 Field visits: 9	-	-	Catla=1200 Rohu=900 Common Carp=900 Swarnadhara Chicks=75 No.	3 Nos	-

12	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture	-	Monoculture of Amur Common Carp in farm pond	1	-	-	Training: 1 Field Visits: 9			Amur=3000	-	-

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 Pruning time in Udupi Jasmine	TNAU Coimbatore, IIHR Bangaluru, UAHS Bagalkot	Jasmine	01	-	1	Field Visit: 3 Demonstrations: 1
2	Assessment of Spindle-bug in Arecanut	CPCRI Kasargod, UAHS Shivamogga	Arecanut	01	-	-	-
3	Nutrient Management in Paddy	UAHS, Shivamogga, KAU, IRRI Cuttack	Paddy	-	01	01	Field Visit: 4
4	Introduction of shade tolerant guinea grass in coconut garden	IGRRI, Dharwad	Fodder	-	01	-	-
5	Introduction of Cowpea UAHS-28 in Paddy fallows	UAHS, Shivamogga	Paddy	-	01	01	Field Visit: 4 Field Day :1
6	Pest and Disease management in water melon	IIHR, Bangaluru	Water Melon	-	01	01	Field Visit: 2
7	Pest and Disease management in Brinjal	IIHR, Bangaluru	Brinjal	-	01	01	Field Visit: 2
8	Root rot management in Pepper	IIHR, Bengaluru	Pepper	-	01	01	Field Visits: 4 Demonstrations: 1
9	Eco-Friendly pest management in Paddy	UAS, Bengaluru	Paddy	-	01	01	Field Visits : 3 Demonstration: 2 Field Day:1
10	Composite fish culture of carps with Pangassius Sutchi	KVAFSU, Bidar	Fisheries	-	01	01	Field Visit: 9
11	Integrated Poultry with fish farming	KVAFSU, Bidar	Fisheries	-	01	01	Field Visit: 9
12	Monoculture of Amur Common carp in farm pond	KVAFSU, Bidar	Fisheries	-	01	01	Field Visit: 9

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
1	1	2	-	-	-	-	-	-	03	09	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	05	-	-	-	05	-	-	-	25	01	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	-
5	-	-	-	-	05	-	-	-	20	05	-	-	-	-	-	-
6	-	-	-	-	05	-	-	-	09	03	-	-	-	-	-	-
7	-	-	-	-	10	-	-	-	08	02	-	-	-	-	-	-
8	-	-	-	-	08	02	-	-	23	02	-	-	-	-	-	-
9	--	-	-	-	05	-	-	-	19	-	-	-	-	-	-	-
10	-	-	-	-	03	-	-	-	18	02	-	-	-	-	-	-
11	-	-	-	-	03	-	-	-	19	07	-	-	-	-	-	-
12	-	-	-	-	03	-	-	-	15	03	-	-	-	-	-	-

PART IV - On Farm Trial (2019)

4.A1. Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	01	-	-	01
Integrated Disease Management	-	-	-	-	-	-	-	01	-	01
Small Scale Income Generation Enterprises	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**01**	**01**	**-**	**02**

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

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

4.A3. Abstract on the number of technologies assessed in respect of livestock enterprises : 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	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-
	-	-	-	-	-
Integrated Crop Management	Jasmine	Assessment of Pruning time in Udupi Jasmine	05	05	01
	-	-	-	-	-

Integrated Disease Management					01
	-	-	-	-	-
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			**05**	**05**	**01**

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	-	-	-	-	-
	-	-	-	-	-
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

1. **Assessment of Pruning time in Udupi Jasmine**

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
Jasmine	Irrigated	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine	05	T1=Pruning of dead and diseased branches only INM: use of ground nut cake and FYM 10 to 20 kg per plant.	Farmer practice	No. of Flowers/plant, 100 Flowers weight(g),yield (t/ha) and B.C ratio	Under Progress				
					T2=Time of Pruning: November at a height of 50 cm from ground level INM : (FYM 10 kg/ plant) RDF 120:240:240 $N:P_2O_5:K_2O$ g/plant in two splits, Foliar spray of micro nutrient ZnSO4 0.25% + MgSO4 0.5% + FeSO4 0.5%	TNAU Coimbatore	-					
					T3=Time of Pruning: Mid December, at a height of 90 cm from ground level INM : (FYM 10 kg/plant) RDF 100:150:100 $N:P_2O_5:K_2O$ g/plant in 3 split doses	IIHR Bengaluru	-					
					T4=Time of Pruning: January at a height of 60 cm from ground level INM : (FYM 20 kg/ plant) RDF 120:240:240 $N:P_2O_5:K_2O$ g/plant in six splits	UAHS Bagalkot	-					

2. Assessment of spindle bug in arecanut

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
Arecanut	Rainfed with protective irrigation	Spindle bug is emerging as a potential pest in below 3 year old arecanut crop in costal region of Karnataka and causing around 30 - 40 % loss	Assessment of Spindle bug in arecanut	3	T.O.1 (Farmers practice)		Under progress					
					T.O.2: Placement of 2.0 gm Phorate granules (Thimet10 G) in perforated poly-sachets in the inner most two leaf axils of Areca palms during April-May	CPCRI Kasagod						
					T.O.3 Cleaningthe inner most layer and spraying of Profenophos 50% EC 2ml/l (The Knapsack sprayer will be used for spraying and the nozzle -directed towards the spindle and inner most leaf axils)	UAHS Shivamogga						
					T.O.4 Spraying Fish Oil Resin Soap at 1.0 kg in 80 lof water on the crown and application of 3 percent Neem oil suspension	UAS Bengaluru						

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

Assessment of Pruning time in Udupi Jasmine

1. Title of Technology Assessed
   Assessment of Pruning time in Udupi Jasmine

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

Assessment of Spindle bug in arecanut

Title of Technology Assessed : Assessment of Spindle bug in arecanut

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: Nil

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

PART V - FRONTLINE DEMONSTRATIONS (2019)

5.A. Summary of FLDs implemented

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
1	Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
2	Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals	Rainfed	Kharif	Paddy	MO -4 and Kaje jaya	-	Integrated Nutrient management	INM in Paddy	2	2	-	20	-	-
		Irrigation	Rabi/summer	Cowpea	Sahyadri yukthi	-	Crop rotation	Introduction of new cowpea variety into paddy fallows	2	2	-	12	-	-
		Rainfed	Kharif	Paddy	MO4 and Kajjaya	-	Integrated Pest Management	Ecofriendly pest management	2	2	-	5	-	-
4	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Vegetables	Irrigated	Rabi	-	Mattigula	-	Integrated Pest & Disease Management	Pest and Disease Management in Brinjal	2	2	-	10	-	-
		Irrigated	Rabi	-	Sugarbaby	-	Integrated Pest & Disease Management	Pest and Disease Management in Water melon	2	2	-	5	-	-
5	Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
6	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
7	Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spices and condiments	Rainfed with protective irrigation	Kharif	Pepper	Panniyur	-	Integrated Disease Management	Root rot management	1	1	-	10	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
9	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-

10	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
11	Fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
12	Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
13	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
14	Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
15	Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
16	Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
17	Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
18	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
19	Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
20	Common carps	Lack of knowledge on Amur common carp	-	Monoculture	Amur Common Carp	Amur Common Carp	Monoculture	Monoculture of Amur Common Carp	0.3	0.3	-	3	3	-
		Lack of knowledge on usage of poultry waste as manure for fish culture	-	Integrated Fish Farming	Catla, Rohu, Common Carp and Swarnadhara	Catla, Rohu, Common Carp and Swarnadhara	Integrated Fish Farming	Integrated Farming of Fish and Poultry	0.3	0.3	-	3	3	-
		Lack of knowledge on species diversification	-	Composite Fish Culture	Catla, Rohu, Common Carp and P*ungsius sutchi*	Catla, Rohu, Common Carp and P*ungsius sutchi*	Composite Fish Culture	Composite Fish culture of Catla, Rohu, Common Carp and P*ungsius sutchi*	0.3	0.3	-	3	3	-
21	Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
22	Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-

23	Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
24	Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
25	Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
26	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
27	Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
28	Implements	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
29	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	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
3	Cereals	Rainfed	Kharif	Paddy	MO -4 and Kaje jaya		Nutrient Management	INM in Paddy	-	-	-	-	Paddy
		Irrigation	Rabi/summer	Cowpea	Sahyadri yukthi		Crop Rotation	Introduction of new cowpea variety into paddy fallows	-	-	-	-	Paddy
		Rainfed	Kharif 2019	Paddy	MO4/ Kaj jaya		Pest Management	Ecofriendly pest management in paddy	Kharif 2019	M	M	L	Paddy
		-	-	-	-	-	-	-	-	-	-	-	-
4	Millets	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
5	Vegetables	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
6	Flowers	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-

7	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
8	Fruit	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
9	Spices and condiments	Rainfed with protective irrigation	Kharif 2019	Black Pepper	Paniyur	-	Disease management	Root rot management in pepper	Kharif 2019	M	M	L	Arecanut with Pepper as intercrop
		-	-	-	-	-	-	-	-	-	-	-	-
10	Commercial	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
11	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
12	Fodder	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
13	Plantation	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
14	Fibre	-	-	-	-	-	-	-	-	-	-	-	-

5.B. Results of FLDs

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 demonstration (Rs./ha)		
							Demo			Check		Gross Return	Net Return	BCR	Gross Return	Net Return	BCR
							H	L	A								
Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cereals	INM in paddy	MO -4 and Kejjaya	-	Rainfed	5	2	59	49	54	46	17.40	94500	51132	2.18	80500	41932	2.09
	Introduction of new cowpea variety into paddy fallows	Sahyadri yukthi	-	Irrigation	5	2	-	-	-	-	-	Under progress					
	Ecofriendly pest management in paddy	MO-4 and Kajjaya	-	Rainfed	5	2	54	48	51	44	15.9	92565	61502	2.97	83490	50756	2.55
Millets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Vegetables	Pest and Disease Management in Watermelon	Sugarbaby	-	Rabi	5	2	-	-	-	-	Under progress							
	Pest and Disease Management in Brinjal	Mattigulla	-	Rabi	10	1	-	-	-	-	Under progress							
Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices and condiments	Root rot management in pepper	Panniyur	-	Rainfed with protective irrigation	10	1	-	-	-	-	Under progress							
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre crops like cotton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	Introduction of shade tolerant Guinea grass in coconut garden	DGG-1	-	Rainfed with protective irrigation	10	0.4	-	-	-	-	Not yet implemented, To be implemented in February-2020							
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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**	**% Control over check**
Yellow Stem borer (Dead Heart incidence @ 45 DAT)	1.73	5.46	68.31
Yellow Stem borer (White ear incidence @ pre harvest)	0.60	2.33	74.24
Gundhi bug incidence @ pre harvest	2.16	5.36	59.70
Brown leaf Spot @ 60 DAT	3.55	7.55	52.98

5.B.2. Livestock and related enterprises : Nil

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Name of the parameter with unit	Yield (kg/animal)				% Increase	*Economics of demonstration Rs./unit)			*Economics of check (Rs./unit)		
						Demo			Check if any		Gross Return	Net Return	** BCR	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.) : Nil

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)	Name of the parameter with unit	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./unit)			*Economics of check (Rs./unit)		
						Demo			Check if any		Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
						H	L	A								
Common Carps	Composite Fish Culture of Catla, Rohu, Common Carp and P*ungsius sutchi*	Catla, Rohu, Common carp and P*ungsiussutchi*	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	-	-	-	-	Under progress						
	Integration of Poultry with Fish farming	Fish and swarnadhara chicks	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	-	-	-	-	Under progress						
	Monoculture of Amur Common Carp in Farm Ponds	Amur Common Carp	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	-	-	-	-	Under progress						
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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.) : Nil

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

5.B.4. Other enterprises

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m^2}	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			Check if any		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.) : Nil

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.) : Nil

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	01	26	More yield over farmers practice
		01	16	Higher yield and income compared to check Farmers are showing interest in adopting the ecofriendly pest management for better health
	Total	**02**	**42**	
2	Farmers Training	02	32	Knowledge on ICM in paddy and cowpea
		03	64	Fisheries
		01	12	Pruning time in Udupi Jasmine
		02	44	Awareness on ecofriendly pest management, judicious use of pesticides and their effect on humans, animals and other
	Total	**08**	**152**	
3	Media coverage	3	31	-
4	Training for extension functionaries	-	-	-
5	Others (Please specify)	-	-	-

PART VI – DEMONSTRATIONS ON CROP HYBRIDS (2019)

Demonstration details on crop hybrids : Nil

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)			*Economics of check (Rs./ha)		
					Demo			Check		Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
					H	L	A								
Cereals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bajra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paddy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mustard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greengram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.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

PART VII. TRAINING (2019)

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	3	83	23	106	0	0	0	83	23	106
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
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) Mushroom production	01	66	14	0	0	0	0	66	14	80
b) Fruits	-	-	-	-	-	-	-	-	-	-
Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-
Nutrient use efficiency	-	-	-	-	-	-	-	-	-	-
Balanced use of fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and water testing	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	2	61	11	72	0	0	0	61	11	72
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	1	78	20	98	0	0	0	78	20	98
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-

Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-

Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
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	1	32	7	39	0	0	0	32	7	39
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	**08**	**320**	**75**	**395**	**0**	**0**	**0**	**320**	**75**	**395**

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	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	01	0	0	0	28	08	36	28	08	36
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
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) **Kitchen and Terrace garden**	01	02	18	20	0	0	0	02	18	20
b) Fruits	-	-	-	-	-	-	-	-	-	-

Training and Pruning	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) **Udupi Jasmine Cultivtion and pruning** Training programme on cultivation of Marigold	02	41	13	54	0	0	0	41	13	54
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
Production and Management technology	03	82	04	86	0	0	0	82	04	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	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
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	01	19	39	58	0	0	0	19	39	58
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	01	17	01	18	0	0	0	17	01	18
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-	-	-	-	-
Feed and Fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	-	-	-	-	-	-	-	-	-	-
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-

Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-
Processing and cooking	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Women empowerment	-	-	-	-	-	-	-	-	-	-
Location specific drudgery production	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Farm machinery and its maintenance	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	01	19	00	19	0	0	0	19	00	19
Integrated Disease Management	01	19	06	25	0	0	0	19	06	25
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-

Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Composite fish culture	01	44	07	51	0	0	0	44	07	51
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-
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	01	56	05	61	0	02	02	56	07	63
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**13**	**299**	**93**	**392**	**28**	**10**	**38**	**327**	**103**	**430**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	01	18	12	30	0	0	0	18	12	30
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-

Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**01**	**18**	**12**	**30**	**0**	**0**	**0**	**18**	**12**	**30**

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

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

Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-
Management in farm animals	1	78	20	98	-	-	-	78	20	98
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	1	78	20	98	-	-	-	78	20	98

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

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

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	06	139	18	157	04	0	04	143	18	161
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)** Training programme on cultivation of Marigold	01	38	04	42	0	0	0	38	04	42
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	-	-	-	-	-	-	-	-	-	-
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) Improved poultry rearing methods	01	17	01	0	0	0	0	17	01	18
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.	CapacityBuilding and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Others (pl.specify) Sustainable water usage	01	32	07	39	0	0	0	32	07	39
	Total	**06**	**114**	**11**	**125**	**0**	**0**	**0**	**114**	**11**	**125**

Details of sponsoring agencies involved

1. Sustainable water usage- sponsored by Devrajarsu Backward Development Board, Mangaluru

2. Department of Horticulture, Government of Karnataka

3. Karnataka Agriculture Price Commission, Government of Karnataka

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

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)	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

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

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		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	02	38	04	42	-	-	-	02	-	02
Kisan Mela	-	-	-	-	-	-	-	-	-	-
Kisan Ghosthi	03	16	-	16	-	-	-	-	-	-
Exhibition	05	510	54	564	-	-	-	26	03	29
Film Show	01	39	-	39	-	-	-	06	-	06
Method Demonstrations	07	200	19	219	-	-	-	15	14	29
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	07	31	05	36	-	-	-	96	54	150
Group meetings	03	13	38	51	-	-	-	10	01	11
Lectures delivered as resource persons	58	2493	909	3402	-	-	-	355	161	516
Newspaper coverage	21	160	50	210	-	-	-	21	07	28
Radio talks	01	-	--	-	-	-	-	-	-	-
TV talks	-	-	-	-	-	-	-	-	-	-
Popular articles	03	-	-	-	-	-	-	-	-	-
Extension Literature	01	-	-	-	-	--	-	-	-	-
Advisory Services	-	454	99	553	-	-	-	11	8	19
Scientific visit to farmers field	119	310	41	351	-	-	-	37	17	54
Farmers visit to KVK	-	756	19	775	-	-	-	02	02	04
Diagnostic visits	12	215	31	246	04	-	04	77	40	117
Exposure visits	02	73	08	81	-	-	-	02	03	05
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	02	69	17	86	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify) Farmers day	01	02	18	20	-	-	-	01	01	02
Any Other (Specify)	--	-	-	-						
Total	248	5071	1312	6383	04	-	04	661	311	972

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	20	09	29	-	-	-	10	06	16
National Animal Disease Control Programme	11.09.2019	29	0	29	-	-	-	78	20	98
Tree Plantation Campaign	17.09.2019	25	5	30	-	-	-	15	10	25
Any other,										
No Tobacco Day	03.06.2019	40	40	80	-	-	-	43	05	48
World Environment Day	07.06.2019	199	70	269	-	-	-	25	05	30
World Ocean Day	08.06.2019	80	32	112	-	-	-	25	05	30
National Fish farmers day	10.07.2019	08	04	12	-	-	-	02	0	02
International Day of Yoga	21.06.2019	98	14	112	-	-	-	25	0	25
Swachhta Pakhwada	01.09.2019 to 15.09.2019	0	0	0	-	-	-	70	41	111
World Fisheries Day	21.11.2019	154	0	154	-	-	-	0	0	0
Partheaium awareness week	16.08.2019 to 22.08.2019	0	0	0	-	-	-	216	224	440
Vigilance awareness week	24.01.2019 to 02.11.2019	40	14	54	-	-	-	12	9	21
National Independence day	15.08.2019	0	0	0	-	-	-	12	04	16
World Soil Health Day	05.12.2019	14	08	22	-	-	-	2	0	2
Total		**707**	**196**	**903**	**-**	**-**	**-**	**535**	**329**	**864**

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)	Paddy	MO4	-	12.18	In stock	-
Oilseeds	-	-	-	-	-	-
Pulses	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Flower crops	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-	-
Fiber crops	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	**-**	**-**	**-**	**12.18**	**-**	**-**

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	-	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-	-
Fruits	-	-	-	-	-	-
Ornamental plants	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-
Plantation	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Tuber	-	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others(specify)	-	-	-	-	-	-
Total	-	-	-	-	-	-

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity (q)	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers	Vermi Compost	5.20	4160.00	10
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	-	-	-	-
Others (specify)	-	-	-	-
Total	-	5.20	4160.00	10

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) Milk production	HF	15593.50 Ltr	582267.00	-
Poultry	Swarnadhara	5000	447770.00	190
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)	-	-	-	-
Piggery	**-**	**-**	**-**	**-**
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries	**-**	**-**	**-**	**-**
Fingerlings	Common Carp	16320	24195.00	43
Others (Pl. specify)	-	-	-	-
Total	**-**	**-**	**530232.00**	**233**

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

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

(A) KVK Newsletter: Nil
Date of start:_____ Periodicity:_____Copies printed in each issue:_____

(B) **Literature developed/published**

Item	Number
Research papers- International	01
Research papers- National	-
Technical reports	-
Technical bulletins	-
Popular articles - English	-
Popular articles – Local language	02
Extension literature	01
Others (Pl. specify)	-
	-
	-
TOTAL	**04**

10.B. Details of Electronic Media Produced

S. No.	Type of media	Title	Details
01	CD / DVD	**-**	**-**
02	Mobile Apps	**-**	**-**
03	Social media groups with KVK as Admin	Pingara HFPCL Whats App group	156 Members of Pingara FPO farmers are participants
04	Facebook account name	**-**	**-**
05	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). : Nil

This will be considered only with suitable photos for further reporting/reference.

The Broad outline for the case study may be

Title

Background

Interventions
- Process
- Technology

Impact
- Horizontal Spread
- Economic gains
- Employment Generation

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

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 celebrations 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

PART XI – SOIL AND WATER TEST

11.1 Soil and Water Testing Laboratory

A. Status of establishment of Lab : Functioning

1. Year of establishment : 2011
2. List of equipments purchased with amount : No equipment purchased during the reporting period

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	**1272**	**1272**	**1272**
Water Samples	**674**	**674**	**674**
Plant samples	**-**	**-**	**-**
Manure samples	**-**	**-**	**-**
Others (specify)	**-**	**-**	**-**
Total			

C. Details of samples analyzed during the 2019:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	147	147	147
Water Samples	94	94	94
Plant samples	-	-	-
Manure samples	-	-	-
Others (specify)	-	-	-
Total	241	241	241

11.2 Mobile Soil Testing Kit :

A. Date of purchase and current status

Mobile Kits	Date of purchase	Current status
1.	**01.03.2017**	The reagents of Meidaparikshak are over, trying to refill the reagents of Meidaparikshak but currently they are not available
2.	**25.05.2019**	

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	-	175	175	175	175
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 participate (No.)	Media coverage (No.)
1	22	-	-	2	16	2

PART XII. IMPACT

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

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

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): Nil

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

PART XIII - LINKAGES

13A. Functional linkage with different organizations

Name of organization	Nature of linkage
Development Departments Department of Agriculture, Horticulture, Animal Husbandry and Veterinary services, Fisheries, Women & Child welfare Development, ICAR Institute - Director of Cashew research Puttur, CIFT	• Participation in trainings as resource person • Providing technical information to the Extension functionaries during bi-monthly workshops • Joint Diagnostic field Visit to to problematic areas and crops in the District. • Participation in Kissan Melas, Krishi Utsav • Participation in Krishi Abhiyana
Non-Governmental Organization Shree Kshetra Dharmasthala Rural Development Project (SKDRDP) and Vijaya Rural Developmental Foundation (VRDF)	• Participation in agricultural seminars as resources persons. • Participation in Krishimelas and Krishi Ustavs. • Participation in Trainings for farmers as resource person
Bank Co-operative Agri. Bank, Cooperative Societies NABARD	• Participation in farmers training programmes as resource person • Supply agencies for Providing of critical inputs for FLD, OFT implementation
All India Radio	• Transfer of technology through radio talks, • Announcing of messages to the farmers and KVK training Programme schedules. • Schedule of Agricultural operations
ZAHRS, Brahmavar	The regularly participating in bimonthly workshops, seminars, Krishi Mmelas & ZREP workshops giving feedback for research
AHRS, Ullal	The regularly participating in Cashew Mela an annual event. Source of planting material
Agriculture college Hassan, ZARS Mudigere, FRIC Bengaluru	To collect the worms fish seeds

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.)
Enhancement of Farmers Income and Welfare	**23.12.2016**	Karnataka Agriculture Price commission	25,00,000.00
DAESI Diploma in Agriculture Extension for Input Dealers	**31.07.2019**	MANAGE Hyderabad	8,00,000.00
Technical support to farmer producer organization	**2019**	Dept. of Horticulture, Belthangady Tq.	3,09,750.00
Technical support to farmer producer organization	**15.02.2019**	Dept. of Horticulture, Bantwal Tq.	3,09,750.00

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**	-	-	-	-
		-	-	-	-
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	-	-	-	-
	Others (Pl. specify)	-	-	-	-
07	**Other Activities** (Pl.specify)	-	-	-	-
	Watershed approach	-	-	-	-
	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-
	Joint visits	Diagnostic field visit	5	5	-
	ATMA Award	Selection of farmers under ATMA Award	2	2	-
	Samagra Krishi Abhiyana	Samagra Krishi Abhiyana	6	6	-

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 : Nil

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

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	-	-	-	-	-	-	-	-	-
February	Text	2	-	-	-	-	-	2	2000
March	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	**2**	**2000**

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	
-	-	-	-	-	-	-	-	-	-

14B. 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			1.0	MO4	TL-Seeds	12.18q.	-	-	In stock
Pulses	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-
Fibers	-	-	-	-	-	-	-	-	-
Spices & Plantation crops									
Floriculture	-	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Bhendi Vegetable					Local	0.2970q.	2250.00	492.00	-
Others (specify)									
Coconuts	-	-	-	-	Local	3557 No.	48899.00	35010.00	-

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	Vermicompost	0.520q.	-	4160	-
	-	-	-	-	-

14D. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Poultry	Swarnadhar Poultry	Day old chicks	5000 No.	447770.00	164078.00	-
2	Fisheries	Carps	Fingerlings	16320 No.	13394.00	15195.00	-

14E. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January	217	9	-
February	14	1	-
March	113	30	-
April	0	0	-
May	118	15	-
June	71	11	-
July	41	8	-
August	7	4	-
September	8	4	-
October	152	30	-
November	476	20	-
December	225	11	-
Total	**1442**	**143**	**-**

14F. Database management

S.No	Database target	Database created
1	OFT	All data are uploaded in OLRS & Farmers Portal
2	FLD	
3	Training	
4	Farmers visited to KVK	
5	Extension Activities	
6	Field visit	

14G. Details on Rain Water Harvesting Structure and micro-irrigation system: Nil

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

PART XV – SPECIAL PROGRAMMES

15.1 Paramparagath Krishi Vikas Yojana (PKVY) : Nil

Sl No.	Name of cluster village	Initial soil fertility status (Average of cluster village)				Facilities created for organic source of manure	Name of Crops cultivated	Variety	Organic inputs applied including bio-agents and botanicals treatment	Yield (q/ha)	Economics	
		Aval. N	Aval. P	Aval. K	OC %						Cost of cultivation (Rs/ha)	Net returns (Rs/ha)
1	1.	-	-	-	-	-	-	-	-	-	-	-
	2.	-	-	-	-	-	-	-	-	-	-	-
	3.	-	-	-	-	-	-	-	-	-	-	-
	4.	-	-	-	-	-	-	-	-	-	-	-
	5.	-	-	-	-	-	-	-	-	-	-	-
2	1.	-	-	-	-	-	-	-	-	-	-	-
	2.	-	-	-	-	-	-	-	-	-	-	-
	3.	-	-	-	-	-	-	-	-	-	-	-
	4.	-	-	-	-	-	-	-	-	-	-	-
	5.	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-

15.2 District Agriculture Meteorological Unit (DAMU) : Nil

	Agro advisories			Farmers awareness programmes	
Sl No.	No of Agro advisories generated	No of farmers registered for agro advisories	No of farmers benefitted	No of programmes	No of farmers benefitted
1	-	-	-	-	-
2	-	-	-	-	-

15.3 Fertilizer awareness programme 2019

State	Name of KVK	Details of Activities/programme Organised	Number of Chief Guests	No. of Farmers attended program	Total participants
Karnataka	**Dakshina Kannada**	ICAR-KVK, Dakshina Kannada organized a live telecast of inaugural function of the fertilizer application awareness programme for the farmers on 22.10.2019 at KVK Campus, Mangalore. Mr. Sangamesh Biradar, Field Officer, IFFCO ,Mangaluru inaugurated the program as the chief guest. Dr T. J. Ramesha, Senior Scientist and Head ICAR-KVK, Dakshina Kannada in his introductory remarks highlighted the effects of indiscriminate use of fertilizers on soil health status and urged farmers to go far soil based fertilizer application for improved yield and higher economic returns. Dr. Mallikarjuna L. Scientist (Soil Science), briefed about importance of soil testing and balanced application of fertilizers for improvement of crop productivity and .Dr. Kedarnath Scientist (Plant protection), highlighted the pivotal role of balanced nutrients applications and their importance in plant health management. During the programme soil health cards were distributed to farmers from Bantwal taluk namely Mr. Pradeep B. and Mr.Venkappa Naake. Besides this demonstration on soil sample collection was also organised to educate their own process of soil sample for agriculture. There were 29 farmers from all over the district and 16 extension personnels participated in the programme and watched the live telecast programme. After the telecast programme, an interaction session was conducted among the farmers and the KVK scientists about balanced fertilizer application.	**01**	**29**	**46**

15.4 Seed Hub : Nil

Crops	*Variety*	*Year of release*	*Production*				*Remarks*
			Target (q)	*Area (ha.)*	*Actual Production (q)*	*Category (FS/CS)*	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

15.5 CFLD on Oilseed : As per the excel sheet enclosed : Nil

15.6 Seed on Pulses : As per the excel sheet enclosed Nil

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	Canara Bank	Nandinagar Branch, KVAFSU, Bidar 585401	-	SB	3158101000005	585015104	CNRB 0003158
With KVK	Canara Bank	Fisheries College Branch, Mangaluru-575002	B0008520	SB	8520101100857 (General) 8520101100918 (RF)	2011MCSB	CNRB0008520

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

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	54.17	54.17	32.87544
2	**Traveling allowances**	0.90	0.90	0.85595
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.00	2.00	1.87108
B	POL, repair of vehicles, tractor and equipments	2.00	2.00	1.69214
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.72	0.72	0.56380
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.25	0.25	0.24328
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.00	1.00	0.96205
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.15	0.15	0.07325
G	Training of extension functionaries	0.25	0.25	0.01000
H	Maintenance of buildings	0.50	0.50	0.50
I	Establishment of Soil, Plant & Water Testing Laboratory	0.05	0.05	0.05
J	Library	0.08	0.08	0.07080
H	Extension Activities	0.50	0.50	0.49953
	TOTAL (A)	**62.57**	**62.57**	**40.26732**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipment including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	8.00	8.00	7.21667
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		70.57	70.57	47.48399

16C. Status of revolving fund (Rs. in lakh) for the last 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 2016 to March 2017	7.70799	15.83897	22.12101	1.42595
April 2017 to March 2018	1.42595	18.79099	18.97632	1.24062
April 2018 to March 2019	1.24063	15.99395	15.62725	1.60733

17. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. Kedarnath	Scientist-Plant Protection	Workshop on current status and management of Fall army warm	UAS GKVK Bengaluru	10.07.2019
Dr. Rashmi R.	Scientist (Horticulture)	Nutrigarden workshop organized by ICAR, ATARI, Bangaluru	KVK, Herehalli	05.08.2019
Dr. Kedarnath	Scientist-Plant Protection	Farm equipment's for Plant Health Management	NIPHM Hyderabad	27.08.2019 to 29.08.2019
Dr. Rashmi R.	Scientist (Horticulture)	Orientation training for newly recruited KVK scientists	JSS -KVK, Mysuru	16.09.2019 to 20.09.2019
Dr. Mallikarjuna L.	Scientist (Soil Science)	Orientation training for newly recruited KVK scientists	JSS -KVK, Mysuru	16.09.2019 to 20.09.2019
Dr. Chethan N.	Scientist-Fisheries	Orientation programme to newly recruited KVK scientists	CPCRI, Kasargod	23.09.2019 to 27.09.2019
Dr. Kedarnath	Scientist-Plant Protection	Orientation training programme for newly appointees of KVK scientists	ATARI Bengaluru	23.09.2019 to 27.09.2019
Dr. Mallikarjuna L.	Scientist (Soil Science)	Coconut Based Integrated farming	ICAR-Kasargod, Kerala	14.10.2019 to 18.10.2019
Dr. Mallikarjuna L.	Scientist (Soil Science)	Winter School on Skills in Agricultural Education and Entrepreneurships Development	UAS, Dharwad	06.11.2019 to 26.11.2019
Dr. Rashmi R.	Scientist (Horticulture)	International Conference on Extension for Strengthening Agricultural Research and Development: Focus on Farmers Income	JSS -KVK, Mysuru	14.12.2019 to 16.12.2019
Dr. Chethan N.	Scientist-Fisheries	Training series on Emerging technologies for entrepreneurship in livestock value chain	Veterinary College, Bidar	26.12.2019 to 28.12.2019

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

5.B.3. Fisheries (2018-19)

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2)	Name of the parameter with unit	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./unit)			*Economics of check (Rs./unit)		
						Demo			Check if any		Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
						H	L	A								
Common carps	Composite Fish culture of CattlaRohu andCommon carp	CattlaRohu andCommon carp	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	51.59	48.41	49.91	30.55	63.38	424571	277705	2.88	259675	148751	2.34
Others (pl.specify)	Monoculture of Tilapia in farm pond	Gift Tilapia	03	1500 sq.mtr	Growth (kg) Yield (q/ha) and BCR	34.80	31.99	33.10	19.65	68.44	265101.9	108413.9	1.69	216174	63073	1.41

* 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

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Sd/-
Senior Scientist and Head
ICAR, KVK-DK, Mangaluru