KRISHI VIGYAN KENDRA, DAKSHINA KANNADA (DISTRICT NAME)

ANNUAL REPORT-2020

(FOR THE PERIOD FROM 01 JANUARY, 2020 TO 31 DECEMBER, 2020)

ICAR –KRISHI VIGYAN KENDRA, DAKSHINA KANNADA

P.B. No. 515, Kankanady, Mangaluru-575002, Karnataka

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

GENERAL INSTRUCTIONS

Please read the following 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 needs to be given by each KVK while preparing the report.

- Period of Report is from 01 January, 2020 to 31 December, 2020.

- Action photographs with relevant captions covering all OFTS/FLDS/TRAINING/EXTENSION activities of the KVK in High resolution should be submitted separately in a CD/DVD along with this report. A part from this, soft copy of the activity wise photos may be submitted in JPEG format.

- 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 applicableor 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 and graphs. Without photos success stories will not be considered for inclusion in Annual Report of ATARI.

PART I – GENERAL INFORMATION ABOUT THE KVK

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

KVK Address	Telephone		E mail	Web Address
	Office	Fax		
ICAR-Krishi Vigyan Kendra (D.K.), Kankanady, Mangaluru-575002.	0824-2431872	-	Kvk.DakshinaKannada@icar.gov.in, kvkdkmlr@gmail.com 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	vckvafsub@gmail.com 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	-	8794706468	drtjramesha1970@gmail.com

1.4. Year of sanction: 2004

1.5. Staff positionas on 31 December 2020

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	135300	29.06.2019	Permanent	OBC
2	Scientist/SMS	Dr. Chethan N.	Scientist	M	Fisheries	Ph.D., Aquatic Environment Management	15600-39000	59400	01.06.2019	Permanent	OBC
3	Scientist/SMS	Dr. Kedarnath	Scientist	M	Plant Protection and Entomology	Ph.D., Plant Pathology	15600-39000	59400	03.06.2019	Permanent	General
4	Scientist/SMS	Dr. Naveen Kumar B.T.	Scientist	M	Agronomy	Ph.D., Agronomy	15600-39000	59400	03.06.2019	Permanent	ST
5	Scientist/SMS	Dr. Mallikarjun L.	Scientist	M	Soil Science	Ph.D., Soil Science	15600-39000	59400	06.06.2019	Permanent	OBC
6	Scientist/SMS	Dr. Rashmi R.	Scientist	F	Horticulture	Ph.D., Horticulture	15600-39000	59400	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	18180	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

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
		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	39799 kms	Good condition
Aviator	2009	50,000	33356 kms	Good condition
Tractor John Deere-5045D	2016	6,84,324	471.40 hrs.	Good condition
Bolero Power plus	2019	8,00,000	21349 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 & Cono 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
Fish Solar Dryer	2020	Provided under TSP programme of ICAR-CIFT,Cochin	Good

1.8. Details of SAC meeting conducted during 2020

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
23.01.2021	57	Establish Compost production unit for managing Agricultural wastes generated in KVK fields.	Established five units at KVK Office and 6 units at villages	-
		Prepare a success story of "swarnadhara" backyard poultry and provide technological inputs to backyard poultry farmers.	In progress	-
		Instructed to fill up the vacant sanctioned posts of KVK. He informed Senior Scientist and Head, KVK and the Director of Extension, KVAFSU to take necessary steps for filling up of the posts on priority basis.	Information has been sent to the concerned authority of the university to fill up the post	-
		Suggested for utilization of contingency fund for KVK developmental activities.	Already we have been utilizing for instructional farm management	-
		Instructed to prepare the detailed report on soil sample analysis and soil test based fertilizer recommendations for the crops. Popularization of soil moisture detector among the farming community	FLD on soil moisture detection will be proposed for Action plan 2021-2022	-
		Suggested to produce cost effective quality feed for the fish which has ample scope in the aquaculture sector	Planning to develop feed with the ingredients available in the district	-
		Create awareness about the Government schemes related to agriculture and allied sectors to the farmers	Preparing poster for display at the office and shortly and shared the link in our website	-
		Organise Krishi Melas at district level	We will participate in Krishi Melas to be organized by Developmental Departments and NGO's	-
		Technological products availability to the farmers to be enhanced.	At present we have made available of fodder rot slips, decomposing culture, fish fingerlings,earth worms, Azolla Inoculum, Poultry chicks(Swarnadhara breed), paddy seeds (MO-4, Sahyadri Panchamuki), vegetable seeds(Bhendi), green manure crop seeds, fish fingerlings, vermicompost, earthworms,	-
		Very difficult to manage the harm caused by wild animals.	On 25th of February, 2021 organized training cum demonstration programme at KVK in collaboration with SELCO Foundation and SELCO solar Institute, Bangalore	-
		Introduction of improved varieties of fodder crops for their region.	Front Line demonstration on varietal evaluation of fodder varieties and Established fodder museum at KVK instructional farm	-
		Organise awareness and training programmes for rural youths on value addition of fruits and vegetables for enhancing the income	A training on fish farming as already been organized and planning to organize training cum demonstration programme on value addition in Jack fruit	-
		Requested Deputy Director, Horticulture to provide subsidy for the production and marketing of Cashew juice.	DD Horticulture has proved the required information to the farmer	-

		Provide technical assistance for effective management of African Giant Snails and Yellow Leaf Disease	Already organised training cum method demonstration programme at Kalleri Village,Belthangadi Taluk in collaboration with Horticulture Department	-
		Encourage the farmers for cultivation of medicinal plants through providing technical information	Planning to organize the training programme at KVK as well as at village level.	-
		More number of training programmes on Beekeeping and Mushroom cultivations need to be organised for doubling the farmers income.	Planning to organise for exposure visit and training cum demonstration programmes in collaboration with NGO's	-
		Lack of awareness for farmers on advances in agriculture. Hence, conduct training programmes at Gram Panchayath level to provide agricultural information to farmers	Planned to conduct training at Gram Panchayath	-
		Paddy cultivation is meager in the district. KVK should provide advance technologies for paddy cultivation to increase the area under paddy cultivation. Share the results of demonstrations conducted by KVK for extension functionaries of the department of agriculture.	Advanced production technologies on paddy in coastal have been provided through different Extension activities. Results of demonstrations will be shared in upcoming days.	-
		Fund is available under ATMA for joint implementation of the schemes and programmes	Contacted the officers for joint implementation	-
		Trials to be taken up on plant protection aspects of cashew crop as it is one of the commercial crops in the district	Discussed with scientist-Dr.Eradasappa,DCR-Puttur for taking up of trials on cashew	-

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, Amorpophallus, Sweet potato and Other vegetable
5	Fruits	Banana, Pineapple, Sapota, Jackfruit and Mango
6	Plantation Crops	Arecanut, Coconut, Cashew, Pepper, Rubber, Vanilla and Cocoa
7	Flower Crops	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-2020 to December is 3917.6 mm. This district receives heavy rainfall during the months of June to September. Maximum temperature of 31.6^{o}C was recorded in the month of May-2020 and minimum temperature of 18.45^{o}C was recorded during the month of January-2020. The Average relative humidity was recorded 78.08 during the reporting year. The soil in the major portions of the district consists of three types, viz. coastal sandy, alluvial, laterite and 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 acidic in condition. The pH of the soil ranges from 5.3 to 5.8 with low soluble salt content. The major nutrient status of the soil is varying from medium to low. 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 Mangalore. The soils of this AES are red lateritic mixed with alluvial soil. Bore well 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 red lateritic soil and acidic in nature. Around 95% of soils are red and only 5% are black alluvium. Nearly 60% of the soils are red 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 4.6 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: 2018-19), Dept. of Agriculture & Horticulture-2018-19

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
January-20	1.0	27.87	**18.45**	**47.87**
February-20	2.0	27.27	18.79	44.98
March-20	15.0	28.54	19.09	63.47
April-20	49.0	0.00	0.00	0.00
May-20	159.0	**31.60**	25.07	52.97
June-20	630.0	28.07	25.23	86.13
July-20	833.0	26.42	22.00	97.19
August-20	985.0	26.32	22.35	95.12
September-20	733.0	26.30	20.23	93.20
October-20	408.0	25.52	20.71	93.58
November-20	78.0	27.37	22.50	72.60
December-20	24.0	26.10	21.90	**111.77**
Total	**3917.6**			

* 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			
Hens	1721908	-	-
Desi	-	-	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	-	-	-
Marine	-	-	-
Inland	-	-	-
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

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

2.7 District profile maintained in the KVK has been **Updated** for 2020: **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	Delanthabettu	Kayyuru	1 year	Paddy	Non availability of suitable red rice variety for flood situation	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada
	Mangaluru	Kuppepadavu	Kilenjaru	1 year	Paddy	Under utilization of paddy follows during rabi	Cowpea Var. Sahyadri Yukthi for Paddy fallows
	Mangaluru	Delanthabettu	Yekkar	1 year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on new species culture	Growth performance of Jayanthi rohu and Labeo fimbriatus Monoculture of amur common carp
	Mangaluru	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 pangassius sutchi
02	Bantwal	Kadabettu	Sarpady	1 year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on new species culture	Growth performance of Jayanthi rohu and Labeo fimbriatus
	Bantwal	Bantwal	Poonach	1 Year	Udupi Jasmine	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine
	Bantwal	Bantwal	peruvayi	1 year	Betel vine	Poor Nutrient Management, Low Quality & Yield	Wilt Management in Betel vine
03	Puttur	Kirenje	Punchapady	1 year	Paddy	Losses of nutrients due to higher rainfall, Lower yield due to lack of knowledge on nutrient requirement and management	Nutrient Management in Paddy

	Puttur	Belandur	Pattye	1 Year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on new species culture	Growth performance of Jayanthi rohu
	Puttur	Kabaka	Mundur	1 Year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	Composite fish culture with pangassius sutchi
	Puttur	Kabaka	Balnadu	1 year	Arecanut	Spindle Bug affecting young Arecanut palms (3 year old) affecting the growth and yield	Assessment of Spindle Bug Management in Arecanut
	Puttur	Keminje	Keminje, Punchamppady	1 year	Arecanut, Coconut, Rubber, Paddy	Lower yield due to soil fertility, Acidic soils,	Soil fertility management, Management of Acid soil, INM
	Puttur	Kabaka	Balnadu	1 year	Brinjal	High Transplanting Shock and hence poor establishment of main crop, Imbalanced use of Fertilizers, Soil borne Diseases.	Integrated Crop Management in Brinjal
04	Sullia	Ajjavara	Ajjavara, Mandekolu, Naralu	1 Year	Arecanut	Lower yield due to soil fertility, Acidic soils, premature nut fall, fruit cracking etc.	Soil fertility management, Management of Acid soil, INM
	Sullia	Mandekolu	Aramburu and Ajjavra	1 Year	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on new species culture	Composite fish culture with pangassius sutchi and Growth performance of Jayanthi rohu
05	Belthangady	Guruvayanakere	Thenkakaranthur	1 year	Horticultural crops	Exporting of Sheep, goat and poultry manure from other parts of Karnataka results higher production cost and introduction of new and invasive weeds	Assessment of decomposing culture for composting
	Belthangadi	Belthangadi	Belalu	1 year	Paddy	Poor yield due to stem borer, Gundy bug and brown spot disease	Ecofriendly Pest Management in Paddy

	Belthangadi	Belthangadi	Nyayatharpu	1 year	Pepper	High incidence of foot rot disease, spike shedding improper nutrient management	Integrated crop management in pepper
	Belthangadi	Guruvayanakere	Kokkradi	1 year	Arecanut	Yield Loss due to High Incidence of Red Palm Weevil, Improper Field Sanitation and Lack of Knowledge on Early Detection of Pest Incidence	Management of Red Palm Weevil in Arecanut
	Belthangadi	Belthangadi	Nada Gram	1 year	Paddy	Low yield due to severe infestation of leaf folder during Rabi season	Assessment of leaf folder management in paddy

2.8 Details of Benchmark Information collected from DFI villages

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.)
1	Sullia	Mandekolu	Mandekolu	Lokesha E.L.	48000	24000	24000
2	Sullia	Mandekolu	Mandekolu	Balachandra D C	36000	16000	20000
3	Sullia	Mandekolu	Mandekolu	Gopala Maniyani	192000	288000	-96000
4	Sullia	Mandekolu	Mandekolu	Tulasini D.B.	120000	96000	24000
5	Sullia	Mandekolu	Mandekolu	Keshava K.S	312000	55000	257000
6	Sullia	Mandekolu	Mandekolu	Pushpa	120000	72000	48000
7	Sullia	Mandekolu	Mandekolu	Abdulla T	108000	25000	83000
8	Sullia	Mandekolu	Mandekolu	Bhavane Shankara P.	240000	64800	175200
9	Sullia	Mandekolu	Mandekolu	Balachandra C.	159600	19500	140100
10	Sullia	Mandekolu	Mandekolu	Sundara K	150000	132000	18000

11	Sullia	Mandekolu	Mandekolu	Jayaraja K.R.	312000	114000	198000
12	Sullia	Mandekolu	Mandekolu	Vijayalaxmi U.M.	240000	38400	201600
13	Sullia	Mandekolu	Mandekolu	Gopal Krishna A	84000	50400	33600
14	Sullia	Mandekolu	Mandekolu	Rajashekar B.	60000	19500	40500
15	Sullia	Mandekolu	Mandekolu	Mahalingha Maniyani	336000	90000	246000
16	Sullia	Mandekolu	Mandekolu	Kishor Kenaje	312000	126000	186000
17	Sullia	Mandekolu	Mandekolu	Chandrashekara P	192000	144000	48000
18	Sullia	Mandekolu	Mandekolu	Udaya Kumar M	264000	150000	114000
19	Sullia	Mandekolu	Mandekolu	Venkappa Naik K	402000	92400	309600
20	Sullia	Mandekolu	Mandekolu	Veena D B	432000	50000	382000
21	Sullia	Mandekolu	Mandekolu	Ravi K	60000	12500	47500
22	Sullia	Mandekolu	Mandekolu	Suresh	90000	45000	45000
23	Sullia	Mandekolu	Mandekolu	Ananda K	120000	18000	102000
24	Sullia	Mandekolu	Mandekolu	K. Achutha Naik	96000	23000	73000
25	Sullia	Mandekolu	Mandekolu	Sadananda Manaji	300000	58000	242000
26	Sullia	Mandekolu	Mandekolu	Suresh C.H.	230880	154800	76080
27	Sullia	Mandekolu	Mandekolu	Karunakar K	36000	7500	28500

28	Sullia	Mandekolu	Mandekolu	Keshava Moorthy M.	600000	408000	192000
29	Sullia	Mandekolu	Mandekolu	Hameed B	300000	39500	260500
30	Sullia	Mandekolu	Mandekolu	Udaya Kumar K.	390000	175000	215000
31	Sullia	Mandekolu	Mandekolu	Janardhana Gowda	198000	27200	170800
32	Sullia	Mandekolu	Mandekolu	Vishwanath J	240000	26500	213500
33	Sullia	Mandekolu	Mandekolu	Lakshmana Gowda	198000	72000	126000
34	Sullia	Mandekolu	Mandekolu	Mohini B.	126000	13200	112800
35	Sullia	Mandekolu	Mandekolu	Seetharam	192000	70000	122000
36	Sullia	Mandekolu	Mandekolu	Mohan Das	240000	108000	132000
37	Sullia	Mandekolu	Mandekolu	Nagesha K	300000	110400	189600
38	Sullia	Mandekolu	Mandekolu	Udaya Kumar	240000	22500	217500
39	Sullia	Mandekolu	Mandekolu	Shivara perale	321000	96000	225000
40	Sullia	Mandekolu	Mandekolu	Rathesha P	120000	96000	24000
41	Sullia	Mandekolu	Mandekolu	Parvathi	120000	17750	102250
42	Sullia	Mandekolu	Mandekolu	Akkamma	168000	66000	102000
43	Sullia	Mandekolu	Mandekolu	Nethravathi	240000	54000	186000
44	Sullia	Mandekolu	Mandekolu	Kitta	120000	84000	36000

45	Sullia	Mandekolu	Mandekolu	Anantha C	240000	30000	210000
46	Sullia	Mandekolu	Mandekolu	Madhava K	444000	72000	372000
47	Sullia	Mandekolu	Mandekolu	Himakara	120000	132000	-12000
48	Sullia	Mandekolu	Mandekolu	Kumaran	120000	66000	54000
49	Sullia	Mandekolu	Mandekolu	Sunil M.S.	120000	66000	54000
50	Sullia	Mandekolu	Mandekolu	Sathisha M.	120000	66000	54000
				DFI village average	**206590**	**78077**	**128513**

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	Scientific Animal Husbandry practices
8	Inland Fish culture
9	Income generation activities like backyard poultry rearing,vermicomposting,apiary

PART III - TECHNICAL ACHIEVEMENTS (2020)

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
06	05	29	19	15	13	110	90

Training				Extension Programmes			
3				4			
Courses (No.)		Participants (No.)		Programmes(No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
21	17	450	390	2000	1739	4000	3105

Seed Production (Q)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
20.00q.	16.17q	2000	1780

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Poultry: 5000 No.	No. (Swarnadhara)	-	-
Fisheries: 200000 Nos.	56075 Fingerlings	-	-
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	**Crop Production**	-	-	-	-	-	-	-	-				**No.**	**Kg**
02	Farm waste management	Farm waste management	Non availability of suitable aerobic compost culture for decomposing the farm wastes and bulky organic wastes.	Assessment of decomposing cultures for compost preparation	-	01 (10)	-	-	Field visit 3 Training -01	-	-	-	-	-
03	Jasmine Flowers	Jasmine	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of pruning time in udupi Jasmine (10 plants per technology)	-	01 (15)	-	-	Field visit 2 Training -01	-	-	-	-	-
04	IPM	Arecanut	Spindle Bug affecting young Arecanut palms (3year old) affecting the growth and yield	Assessment of Spindle-bug in Arecanut	-	01 (15)	-	-	Field visit 3 Training -01	-	-	-	No. Neem oil (3) Fish oil rosin soap (3)	Kg 250 ml 3 litre

05	IPM	Paddy	Low yield due to severe infestation of leaf folder during Rabi season	Assessment of leaf folder management in paddy	-	01 (18)	-	-	Field visits 2 Training 1				Trichogramma egg parasitoids (3) Pheromone traps	8 cards 12
06	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on new species culture	Growth performance of jayanthi rohu and labeo fimbriatus	-	1	-	-	Training: 1 Field Visits: 16			Jayanthi rohu 3000 Labeo fimbriatus 2000	11 no	246kg
01	Crop Production	Paddy	Low yields due to poor nutrient management	-	Nutrient Management in paddy	1	-	-	Method demonstration – 2, Field day -1, Field visit - 2	-	-	-	-	-
02	Crop Production	Paddy	Non availability of red rice variety for flood situation	-	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada	1	-	-	Method demonstration – 2, Field day – 3, Field visit - 4	1.25 kg	-	-	No.	Kg
03	Crop Production	Paddy	Under utilization of Paddy fallows during rabi/summer	-	Cowpea Var. Sahyadri Yukthi for Paddy fallows	1	-	-	Method demonstration – 1, Field visit - 1	0.30 kg	-	-	-	-

04	Livestock	Fodder crops	Shortage of Green Fodder during Summer Season , High Cost of Concentrates, Under Utilization of space in Coconut Plantation	-	Demonstration of Shade Tolerant Guinea grass in Coconut plantation	**1**	-	-	-	-	-	-	-	-
05	Horticultural crops	Arecanut	Low Yield due to Loss of Nutrients through Leaching and use of Imbalanced Nutrients	-	Integrated Crop Management in Arecanut	**01**	-	-	Method demonstration – 2, Field visit - 3	-	-	-	-	**20 kg**
06	Horticultural crops	Brinjal	High Transplanting Shock and hence poor establishment of main crop, Imbalanced use of Fertilizers, Soil borne Diseases.	-	Integrated Crop Management in Brinjal	-	-	-	-	-	-	-	-	-
07	Horticultural crops	Yielding Yard Long Bean	Low Yield with Existing Local Variety	-	Demonstration of High Yielding Yard Long Bean (Variety Arka Mangala)	**01**	-	-	Method demonstration – 2, Field visit - 2	**0.1**	-	-	-	**6 kg**

08	Horticultural crops	Betel vine	Poor Nutrient Management, Low Quality & Yield	-	Wilt Management in Betel vine	-	-	-	-	-	-	-	-	-
09	IPDM	Paddy	Poor Yield due to Stem Borer, Gundy Bug and Brown Spot Disease	-	Eco-friendly Pest Management in Paddy	2 (29)	-	-	Field visits 3 Training 3 Field day 1	-	-	-	Trichogramma egg parasitoids (3) Pheromone Trap Pseudomonas Neem oil	16 20 15 kg 2.5 litre
10	ICM	Pepper	High Incidence of Foot Rot Disease, Spike Shedding, Improper Nutrient Management	-	Integrated Crop Management in Pepper	2 (31)	-	-	Field visits 3 Training 2 Field day 1	-	-	-	Arka Microbial Consortium, Arka Actinoplus, Pepper Special	75 kg 75 kg 15 kg

11	IPM	Arecanut	Yield Loss due to High Incidence of Red Palm Weevil, Improper Field Sanitation and Lack of Knowledge on Early Detection of Pest Incidence	-	Management of Red Palm Weevil in Arecanut	2 (36)	-	-	Field visit 2 Training 2	-	-	-	Phero mone Traps	20 traps
12	Animal Science	Cows	Imbalanced Nutrition, Deficiency of Major and Minor Minerals result in Low Conception Rate, Repeat Breeding	-	Modified PG Protocol in Repeat Breeding Cows	-	-	-	-	-	-	-	-	-
13	Animal Science	Goat	Lower Meat Yield due to Imbalanced Nutrition and Incidence of Bacterial, Viral (FMD, HS, ET, PPR) and Parasitic Disease.	-	Integrated Health Management in Goat Farming	-	-	-	-	-	-	-	-	-

14	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: 15	-	-	*Pangasius sutchi= 2750*	5 Nos	170kg
15	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density and feeding management. Small ponds.	-	Monoculture of Amur Common Carp in farm pond	1	-	-	Training: 1 Field Visits: 12			Amur= 5200	6 nos	102 kg

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No. of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
01	Assessment of nano fertilizer (N and Zn) on growth and Yield of Paddy	IFFCO –NBRC, Gujarath	-	-	-	-	-
02	Assessment of decomposing cultures for compost preparation	Ghaziabad , ICRISAT, Hyderabad, UAHS, Shivamogga	-	1	-	1	Field visits 01 Method demo 1
03	Assessment of pruning time in udupi Jasmine (10 plants per technology)	TNAU Coimbatore, IIHR Bengaluru, UHS Bagalkot	Jasmine	1	-	1	Field visits 01 Method demo 1
04	Assessment of Spindle Bug Management in Arecanut	CPCRI, Kasargod, UAHS Shivamogga, TNAU, Coimbatore	Arecanut	1	-	1	Field visits 01 Method demo 1
05	Assessment of leaf folder management in paddy	UAS, Dharwad, UAHS Shivamogga, TNAU, Coimbatore	paddy	1	-	1	Field visit 2 Method demo 2 Training 2

06	Assessment of growth performance of genetically improved jayanti Rohu and *Labeo fimbriatus with major carps*	CIFA, Bhubaneswar	Fisheries	1	-	1	Field Visit: 16
01	Nutrient management in paddy	UAHS, Shivamogga, NRRI- Cuttack	Paddy	-	1	1	Field day – 1 Method demonstration – 2
02	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada	UAHS, Shivamogga	Paddy	-	1	1	Field day – 3 Method demonstration – 2
03	Cowpea var. Sahydri Yukthi in paddy fallows	UAHS, Shivamogga	Cowpea	-	1	1	Method demonstration – 1
04	Shade tolerant guinea grass in coconut plantation	IGFRI. Dharwad	Fodder crops	-	1	1	Field Visit: 3
05	Integrated Crop Management in arecanut	CPCRI, Kasargod, IIHR, Bengaluru	Arecanut	-	1	02	Method demonstration – 1 Field Visit: 3
06	Integrated Crop Management in Brinjal	IIHR, Bengaluru	Brinjal	-	1	1	Method demonstration – 2 Field Visit: 2
07	Yard long bean variety Arka Mangala	IIHR, Bengaluru	Yielding Yard Long Bean	-	1	1	Field Visit: 2 Method demonstration –1
08	Wilt Management in betel vine	IIHR, Bengaluru	Betel vine	-	1	1	Method demonstration – 2 Field Visit: 2
09	Eco-friendly Pest Management in Paddy	UAS Bengaluru	Paddy	-	1	2	Field visit 3 Method demonstration 4
10	Integrated Crop Management in Pepper	IIHR, Bengaluru, IISR Calicut	Pepper	-	1	2	Field visits 3 Method demo 3
11	Management of red palm weevil in arecanut	CPCRI Kasargod	Arecanut	-	1		Field visits 3 Method demo 3
12	Modified PG protocol in repeat breeding cattle	KVAFSU, Bidar	Cattle	-	-	-	-
13	Integrated Health Management in Goat Farming	KVAFSU, Bidar	Goat	-	-	-	-
14	Composite fish culture of carps with *Pangassius Sutchi*	KVAFSU, Bidar	Fish culture	-	01	01	Field Visit: 15
15	Monoculture of Amur common carp in ponds	KVAFSU, Bidar	Fish culture	-	01	01	Field Visit: 12

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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	16	4	-	-	-	-	-	-
3	-	-	-	-	-	-	-	14	-	3	-	-	-	-	-
3						-		16	2						
08	-	-	-	-	-	-	-	10	2	02	-	3	-	-	-
				5	-	-	-	9	-	-	-	12	3	-	-
				5	-	-	-	25	2	-	-	25	2	-	-
				5	-	-	-	8	-	2	-	8	-	2	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				13	02			32	04	1	1				
-	-	-	-	10	-	-	-	18	8	-	-	-	-	-	-
				10	-	-	-	11	4	-	-	-	-	-	-
				5				16	2						
-	-	-	-	8	1	1		24	3	2					
-	-	-	-					28	2	2	-	-	-	-	-
				10	-	-	-	36	-	-					
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	5	-	-	-	09	-	01	-	-	-	-	-
-	-	-	-	6	-	-	-	09	08	04	06	-	-	-	-

PART IV - On Farm Trial(2020)

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	01	-	-	-	-	-	-	01	-	02
Integrated Crop Management	-	-	-	-	-	-	01	-	-	01
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-

Farm Mechanization	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
others	-	-	-	-	-	-	-	-	-	-
Total	01						01	01		03

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

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

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

Thematic areas	**Cattle**	**Poultry**	**Piggery**	**Rabbit**	**Fisheries**	**TOTAL**
Evaluation of Breeds	-	-	-	-	**02**	**02**
Nutrition Management	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-
Dairy	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-
TOTAL					**02**	**02**

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

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	-	-	-	-	-	-
Dairy	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

4.B. Achievements on technologies Assessed and Refined: NIL

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technologies	No. of trials	Number of farmers / locations	Area in ha (Per trial covering all Technological Options in a farm)
Integrated Nutrient Management	-	-	-	-	-
	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	Paddy	Assessment of leaf folder management in paddy	3	3	1
	Arecanut	Assessment of spindle bug management in arecanut	3	3	1
Integrated Crop Management	Jasmine	Assessment of Pruning time in Udupi Jasmine	04	04	1.0
	-	-	-	-	-
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.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technologies	No. of trials	Number of farmers/locations	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: NIL

Thematic areas	Name of the livestock	Name of the technologies	No. of trials	No. of farmers/locations
Evaluation of breeds	Fish	Growth performance of jayanthi rohu and labeo fimbriatus	5	11
Nutrition management	-	-	-	-
Disease management	-	-	-	-
Value addition	-	-	-	-
Production and management	-	-	-	-
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total			5	11

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

Thematic areas	Name of the livestock	Name of the technologies	No. of trials	No. of farmers/locations
Evaluation of breeds	-	-	-	-
Nutrition management	-	-	-	-
Disease management	-	-	-	-
Value addition	-	-	-	-
Production and management	-	-	-	-
Feed and fodder	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Total	-	-	-	-

4.B.5. T**echnologies assessed under various enterprises by KVKs: Nil**

Sl.	**Thematic areas**	**Name of the enterprise**	**Name of technology(s)**	**No. of trials**	**No. of locations**
1	Drudgery reduction	-	-	-	-
2	Entrepreneurship Development	-	-	-	-
3	Health and nutrition	-	-	-	-
4	Processing and value addition	-	-	-	-
5	Energy conservation	-	-	-	-
6	Small-scale income generation	-	-	-	-
7	Storage techniques	-	-	-	-
8	Household food security	-	-	-	-
9	Organic farming	-	-	-	-
10	Agroforestry management	-	-	-	-
11	Mechanization	-	-	-	-
12	Resource conservation technology	-	-	-	-
13	Value Addition	-	-	-	-
14	Others	-	-	-	-

4.B.6.T**echnologies assessed under various enterprises for women empowerment :Nil**

	Thematic areas	**Name of enterprise**	**Name of technology(s)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction	-	-	-	-
2	Entrepreneurship Development	-	-	-	-
3	Health and Nutrition	-	-	-	-
4	Value Addition	-	-	-	-
5	Women Empowerment	-	-	-	-
6	Others(Home science)	-	-	-	-
		-	-	-	-

4.C1. Results of Technologies Assessed

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Gross Return Rs. / unit	Net Return Rs. / unit	BC Ratio (Gross income/ Gross Cost)
1	2	3	4	5	6	7	8	9	10	11	12	13
Paddy	Rainfed	Low yield due to severe infestation of leaf folder during Rabi season	Assessment of leaf folder management in paddy during rabi	3	Farmer Practice - Improper application of pesticides T.O.1- Foliar application of Profenofos 50 EC @ 2ml L^{-1} of water T.O.2- Recommended dose of Nitrogen based fertiliser application, Clip the seedlings before transplanting, Neem oil @ 5 ml per litre of water Foliar application of Indoxacarb 14.5 SC @ 0.3 ml L^{-1} of water T.O.3- Use of rope to dislodge the leaf feeding larvae of leaf folders. Release of *Trichogramma chilonis* thrice on 37, 44 and 51 DAT @ 5 cc (1.25 lakh egg parasitoids) /ha/release. Pheromone traps (@ 10 to 12/ha	Under Progress						

Organic manure production	Organic farming	Non availability of suitable aerobic compost culture for decomposing the farm wastes and bulky organic wastes.	Assessment of Decomposing cultures for compost preparation	5	T.O.1 (Farmers practice)	Farmers practice	Yet to implement					
					T.O.2 : Cow dung + farm waste + waste decomposer culture (aerobic composting microbial consortium culture)	NCORF, Ghaziabad						
					T.O.3: Cow dung + farm waste + Madhyam culture (aerobic composting microbial consortium culture)	ICRISAT, Hyderabad						
					T.O.4: Cow dung + farm waste + UAHS compost culture (aerobic composting microbial consortium culture)	UAHS, Shivamogga						
Jasmine	Irrigated	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine	03	T.O.1-Pruning of dead and diseased branches only INM: use of ground nut cake and FYM 10 to 20 kg per plant	Farmer practice	2.02	q/ha	Weight of 100 flower bud 9.11g	155579	80479	2.07
					T.O.2-Time of Pruning: November at a height of 50 cm from ground level	TNAU Coimbatore	3.23	q/ha	Weight of 100 flower bud 10.95g	265690	170630	2.85

					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%							
					T.O.3-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	3.02	q/ha	Weight of 100 flower bud 10.16g	224479	132519	2.42
					T.O.4-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	UHS Bagalkot	2.92	q/ha	Weight of 100 flower bud 10.04g	215080	122020	2.31
Arecanut	Irrigated	Spindle Bug affecting young Arecanut palms (3 year old) affecting the growth and yield	Assessment of Spindle Bug management in arecanut (50 plants per technology)	03	Farmers practice- Improper application insecticides	Farmers practice-	Under Progress					
					T.O.1- Spray spindle leaf and inner most leaves of areca with Dimethoate 30 EC 2 ml $L^{-1}$of water	CPCRI Kasargod						
					T.O.2- Cleaning the inner most layer and spraying of Profenophos	UAHS Shivamogga						

					50% EC 2ml L^{-1} of water (The Knapsack sprayer will be used for spraying and the nozzle directed towards the spindle and inner most leaf axils)			
					T.O.3- Spraying Fish Oil Resin Soap at 1.0 kg in 80 litre of water on the crown with 3 percent Neem oil suspension	TNAU, Coimbatore		
Fisheries	Composite farming	Improper stocking density of fish seed and no species diversification	Evaluation of growth performance of Genetically Improved " Jayanti Rohu " and *Labeo fimbriatus* with major crops	5	T1: Stocking of Fish fingerlings @ 10000/ha Catla: Rohu: Common carp: 4:3:3.	Farmers practice	Growth – Length and weight, survival rate, Yield and B:C Ratio and water quality	Under Progress
					T2: Stocking of Fish fingerlings @ 10000/ha Catla: *Labeofimbriatus*: rohu: 4:3:3.	CIFA, Bengaluru		
					T3: Stocking of Fish fingerlings @ 7000/ha Catla: Jayanthi Rohu: Common carp: 3:4:3.	CIFA, Bhuwaneshwar		

4. C2. Feedback on technologies assessed : Nil

Name of technology assessed	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-

4.C3. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

3. 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	Pruning during the month of November along with foliar spray of micro nutrients resulted maximum yield, with 100 flower weight & quality
3	Specific Feedback from farmers	Initially farmers were not ready to go for pruning later when observed they were satisfied with TNAU, Coimbatore technology.
4	Specific Feedback from Extension personnel and other stakeholders	Pruning during November has given maximum yield and flower weight
5	Feedback to Research System based on results and feedback received: Technology 2:	Time of Pruning November at a height of 50 cm from ground level INM: (FYM 10 kg/ plant) RDF 120:240:240 g/plant in two splits Foliar spray of micro nutrient ZnSO4 0.25% + MgSO4 0.5% + FeSO4 0.5% has given good results when compared to other treatment
6	Feedback on usefulness and constraints of technology	Farmers were not ready to go for pruning of jasmine shoots

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. D2. Feedback on technologies refined

Name of technology refined	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption

4.D.2. Details of Technologies refined:

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

PART V - FRONTLINE DEMONSTRATIONS (2020)

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
01	Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-
02	Pulses	Rainfed	Rabi	Cowpea	Sahyadri Yukthi	-	Crop production	Cowpea Var. Sahyadri Yukthi for Paddy fallows	2	2	2	4	6	-
03	Cereals	Rainfed	Kharif	Paddy	MO-4	-	Crop production	Nutrient Management	2	2	-	5	5	-
		Rainfed	Kharif	Paddy	Sahyadri Panchamukhi	-	Crop production	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada	2	2	-	5	5	
		Rainfed	Kharif	Paddy	MO4 and Kaje jaya	-	Integrated Pest Management	Ecofriendly pest management	2	2	-	-	5	-
04	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
05	Vegetables	Irrigated	Rabi	Brinjal	Mattigulla	-	Crop Management	Integrated Crop Management in Brinjal	2	2	-	10	10	-

		Irrigated	Rabi	Watermelon	Sugar baby	-	Crop Management	Integrated Crop Management in Water melon	2	2	-	05	05	-
		Rainfed	Rabi	Yard long bean	ArkaMangala	-	Crop management	Yard long bean varietyArkaMangala	1 ha	1ha	1	09	10	-
06	Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-
07	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
08	Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
09	Spices and condiments	Irrigated	Kharif	Pepper	Panniyur- 1	-	ICM	Integrated crop management	2	4	-		10	-
10	Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Plantation	Rainfed	Kharife	Arecanut	Mangala	-	IPM	Management of red palm weevil in arecanut	2	2	-	5	5	-
		Rainfed/Irrigated	Kharif	Arecanut	Mangala, Srimangala	-	Integrated crop management	Integrated crop management in Arecanut	1 ha	1 ha	-	05	05	-
14	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Dairy	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-

19	Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Common carps	Lack of knowledge on Amur common carp	-	Monoculture	Amur Common Carp	Amur Common Carp	Monoculture	Monoculture of Amur Common Carp	0.25	0.5	-	6	6	-
		Lack of knowledge on species diversification	-	Composite Fish Culture	Catla, Rohu, Common Carp and P*angassius sutchi*	Catla, Rohu, Common Carp and P*angassius sutchi*	Composite fish Culture	Composite Fish culture of Catla, Rohu, Common Carp and P*angassius sutchi*	0.5	0.5	-	5	5	-
22	Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Implements	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Others (specify)	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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 2019	Paddy	MO4/ Kaje jaya		Pest Management	Ecofriendly pest management in paddy	Kharif 2019	M	M	L	Paddy
4	Millets	-	-	-	-	-	-	-	-	-	-	-	-
5	Vegetables	Irrigated	Rabi	Brinjal	Mattigulla	-	Crop Management	Integrated Crop Management in Brinjal	Rabi	M	M	L	-
		Irrigated	Rabi	Water melon	Sugar baby	-	Integrated Crop Management	Integrated Crop Management in Water melon	Rabi	H	M	L	-
		Rain fed	Rabi	Yard long bean	ArkaMangala	-	Crop management	Yard long bean variety ArkaMangala	Rabi 2020	M	M	L	-
6	Flowers												-
7	Ornamental	-	-	-	-	-	-	-	-	-	-	-	-
8	Fruit	-	-	-	-	-	-	-	-	-	-	-	-
9	Spices and condiments	Irrigator	Kharif 2020	Black Pepper	Paniyur- 1	-	ICM	Integrated crop management in pepper	Kharif 2020	M	M	L	Arecanut with Pepper as intercrop
10	Commercial	-	-	-	-	-	-	-	-	-	-	-	-
11	Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-
12	Fodder	-	-	-	-	-	-	-	-	-	-	-	-

13	Plantation	Irrigator	Kharif 2020	Black Pepper	Mangala	-	Pest management	Management of red palm weevil in arecanut	Kharif 2020	M	M	L	Arecanut with Pepper as intercrop
		Rainfed /Irrigated	Kharif	Arecanut	Mangala, Srimangala	-	Integrated crop management	ICM in Arecanut	Kharif 2020	L	H	L	Arecanut
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	Cowpea Var. Sahyadri Yukthi for Paddy fallows	Sahyadri Yukthi	-	Rainfed	5	2	Crop is at pod setting stage - Under progress										
Cereals	Nutrient Management in Paddy	MO-4	-	Rainfed	5	2	52	50	51	37	39%	1,01,450	58,082	2.34	73476	34907	1.91
	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada	Sahyadri Panchamukhi	-	Rainfed	5	2	54	52	53	36	49	1,58,625 (Produce sold as seed material)	1,15,257	3.66	71642.5	33074	1.86
	Eco-friendly pest management in paddy	MO-4	-	Rainfed	5	2	45.6	39.7	42.58	33.86	25.75	83539.4	59285.4	2.44	67250.48	43055.28	1.77
Millets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables	Integrated Crop Management in Watermelon	Sugar baby	-	Rabi	05	2	468.5	395.3	431.9	375.8	14	475090	356410	4.0	338440	239260	3.4
	Integrated Crop Management in Brinjal	Mattigulla	-	Rabi	10	1	195.5	163.5	179.5	154.5	16.18	359000	193650	2.17	231750	96750	1.71
	Yard long bean variety Arka Mangalal	Arka Mangalal		Rainfed	10	1	Under progress										
Flowers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spices and condiments	Integrated crop management in pepper	Paniyur- 1	-	irrigated	10	1	Under progress										
Commercial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre crops like cotton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	Shade tolerant guinea grass in coconut Plantation	Guinea grass	-	Irrigated	10	0.40	Under progress										
Plantation	Management of red palm weevil in arecanut	Mangala	-	Irrigated	10	2.0	Under progress										
	Integrated crop management in Arecanut	Mangala, Sri Managala	-	Rainfed	5	1	Under progress										
Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	Wilt Management in betel vine	-	-	-	5	1	Under progress										

* 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)	2.63	8.56	69.27
Yellow Stem borer (White ear incidence @ pre harvest)	3.46	6.70	48.35
Leaf folder	3.68	9.81	62.48
Gundhi bug incidence @ pre harvest	2.13	4.66	54.29

5. B2. Feedback on technologies demonstrated

Name of technology demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada	Farmer named Mr. Dayanand from Delantha Bettu could produce 100 quintal of paddy seeds. Out of which 80 quintals was sold to farmers from adjacent villages of Mangalore Taluk for horizontal spread of the variety and 20 quintals of paddy was processed to rice as it possess good aroma with good consumer preference.	80 quintals paddy seed was sold to farmers from adjacent villages of Mangalore Taluk for horizontal spread of the variety @ Rs. 3000 per quintal and he has got higher Net returns Rs. 1,15,257 per ha.
Eco-friendly pest management in paddy	Ecofriendly pest management practices enhanced the yield in demo plots by 25.75 % over check and also reduced the pest incidence by 58.59 %. Increased yield and reduced pest incidence due to application of *Pseudomonas fluorescens* followed by installation of Pheromone traps and release of egg parasitoids and spraying of neem oil.	-

5.B.3. 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.)

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

5. B4. Feedback on livestock technologies demonstrated: Nil

Name of livestock technology demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-
-	-	-

5.B.5. 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*angassius sutchi*	Catla, Rohu, Common carp and P*angassius sutchi*	05	5000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	-	-	-	-	-	Under progress					
	Monoculture of Amur Common Carp in Farm Ponds	Amur Common Carp	05	2500 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.)

Data on other parameters in relation to technology demonstrated

Parameter with unit	Demo	Check if any

5. B6. Feedback on fisheries technologies demonstrated

Name of fisheries technology demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
Compost fish culture	• Effective use of niche in the culture system • Maximum production compared to monoculture • Multiple species production gives more market value. ***Constraints:*** Dakshina kannada has farm ponds where the depth is more than 10 feet and in these conditions bottom dwelling fishes don't perform good growth as majority of tanks are soilless and depth is also more.	• Dakshina kannada farmers are mainly dependent on marine fish consumption, as it is a integral part of the daily meal and consumption of freshwater cultured fish is still in a initial stage of acceptance by the locals.
Monoculture of Amur common carp	• Faster growth rate compared to the local strain of common carp. • Survival rate is also better than the local strain. ***Constrain:*** Lack of amur seed in the state	• Lack of Amur fish seed availability has made the farmers to divert to local strain which is easily available in the neighbor districts where production units are functioning.

5.B.7. 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.)

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

5. B8. Feedback on enterprises demonstrated: Nil

Name of enterprise demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-

5.B.9. 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. B10. Feedback on farm implements demonstrated : Nil

Name of farm implement demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-
-	-	-

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

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	05	95	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada and Nutrient management in Paddy
		01	17	More yield over farmers practice
		3	35	Amur common carp and pungasius fish culture under composite farming
2	Farmers Training	3	46	Sahyadri Panchamukhi paddy variety for low lands in Dakshina Kannada, Nutrient management in Paddy and Cowpea Var. Sahyadri Yukthi for Paddy fallows
		3	33	
		2	29	ICM in pepper
		2	28	Eco-friendly pest management in paddy
		2	36	Management of red palm weevil in arecanut
		2	38	ICM in Arecanut, Yard long bean variety Arka Managala
		3	36	Amur common carp, pangassius and new species like jayanthi rohu and *labeo fimbriatus* culture
3	Media coverage	1	27	Sahyadri Panchamukhi paddy variety for low lands in Dakshina
		03	32	Pruning time in udupi Jasmine, Crop Management in Brinjal and water melon
		15	90	Activities of FLD and farmers methods
4	Training for extension functionaries	06	06	-
		06	06	-
		01	27	Desert locust management
		01	08	Recent advances in diagnosis and management of pest and diseases, effective utilization of farm ponds for aquaculture
		01	13	African Snail management
5	Others (Please specify)	6	40	Seed treatment in paddy, cowpea and mechanical harvesting and threshing paddy
		1	21	Line department officials

PART VI – DEMONSTRATIONS ON CROP HYBRIDS(2020):NIL

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)			*Economics of check (Rs./ha)		
					Demo			Check		Gross 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

Feedback on crop hybrids demonstrated

Name of crop hybrid demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-
-	-	-

PART VII. TRAINING(2020)

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	01	20	11	31	-	-		20	11	31
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-		-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	01	11	04	15	-	-	-	11	04	15
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-

Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	02	49	18	67	-	-	-	49	18	67
Soil and Water Conservation	01	43	11	54	05	-	05	48	11	59
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	01	28	13	41	05	02	07	33	15	48
Others (pl.specify): Production technologies, Mechanization in rice and INM in rice	5	91	6	97	30	8	38	121	14	135
Farm Bills	3	162	14	176	14	4	18	176	18	194
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+ Nutri garden	9	275	195	470	-	-	-	275	195	470
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	01	34	21	55	22	07	29	56	28	84
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	1	30	04	34	-	-	-	30	04	34
Poultry Management	1	30	04	34	-	-	-	30	04	34
Piggery Management	1	30	04	34	-	-	-	30	04	34
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Animal Disease Management	1	54	6	60	-	-	-	54	6	60
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	2	48	11	59	4	-	4	52	11	63	
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-	
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	
Fisheries	-	-	-	-	-	-	-	-	-	-	
Integrated fish farming	1	21	08	29	05	03	08	26	11	37	
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	
Carp fry and fingerling rearing	1	42	09	51	-	-	-	42	09	51	
Composite fish culture	1	54	06	60	-	-	-	54	06	60	
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)-Fish Feed Management	**1**	**24**	**03**	**27**	**-**	**-**	**-**	**24**	**03**	**27**	

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	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	**1**	**54**	**06**	**60**	**-**	**-**	**-**	**54**	**06**	**60**
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry										
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-

TOTAL	**35**	**2100**	**354**	**2454**	**85**	**24**	**109**	**2185**	**378**	**2563**

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	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/Irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	05	85	26	111	02	01	03	87	27	114
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl.specify): Production technologies, Mechanization in rice and INM in rice and Crop survey	27	400	46	446	52	20	72	452	66	518
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)	01	12	05	17	01	-	01	13	05	18
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	01	16	1	17	1	02	03	17	03	20
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	05	106	20	126	06	03	09	112	23	135
Integrated water management	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	03	224	94	318	81	34	115	305	128	433
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	09	342	144	486	04	19	23	346	163	509
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
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	20	179	163	342	117	47	164	296	210	506
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Fisheries										
Integrated fish farming	1	0	12	12	-	-	-	0	12	12
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	1	08	02	10	02	-	02	10	02	12
Composite fish culture	1	31	07	38	-	-	-	31	07	38

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)- Fisheries activities	3	17	37	54	12	15	27	29	52	81
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	01	-	-	-	20	07	27	20	07	27
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
CapacityBuilding and Group Dynamics										
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-

Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Agro-forestry										
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	**78**	**1420**	**557**	**1977**	**298**	**141**	**419**	**1698**	**698**	**2396**

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

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-

Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-
Composite fish culture	01	02	27	29	02	05	08	04	32	36
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**	**02**	**27**	**29**	**02**	**05**	**08**	**04**	**32**	**36**

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	01	09	03	12	-	-	-	09	03	12
Integrated Nutrient management	01	11	04	15	-	-	-	11	04	15
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	01	15	06	21	-	-	-	15	06	21
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Women and Child care	02	14	127	141	-	-	-	14	127	141
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	01	15	06	21	-	-	-	15	06	21
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-
Any other (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	**06**	**64**	**146**	**210**	**-**	**-**	**-**	**64**	**146**	**210**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
2	**Production and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	6	137	21	158	-	-	-	137	21	158
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
3.	**Soil health and fertility management**	-	-	-	-	-	-	-	-	-	-
4	**Production of Inputs at site**	-	-	-	-	-	-	-	-	-	-
5	**Methods of protective cultivation**	-	-	-	-	-	-	-	-	-	-
6	**Others (pl.specify)**	-	-	-	-	-	-	-	-	-	-

7	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
8	**Farm machinery**	-	-	-	-	-	-	-	-	-	-
8.a.	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-
8.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
9.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-
10	**Livestock production and management**	-	-	-	-	-	-	-	-	-	-
10.a.	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
10.b.	Animal Disease Management	01	30	04	34	-	-	-	30	04	34
10.c	Fisheries Nutrition										
10.d	Fisheries Management	01	21	08	29	05	03	08	26	11	37
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
	Total	**08**	**188**	**33**	**221**	**05**	**03**	**08**	**193**	**36**	**229**

Details of sponsoring agencies involved

1. Animal Disease management: Department of animal husbandry and Veterinary Services, GOK.
2. Fisheries Management: Bharatiya Vikas Trust, Manipal, Udupi
3.KAPC(Govt. of Karnataka)

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

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**	-	-	-	-	-	-	-	-	-	-
1.a.	Commercial floriculture	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial fruit production	-	-	-	-	-	-	-	-	-	-
1.c.	Commercial vegetable production	-	-	-	-	-	-	-	-	-	-
1.d.	Integrated crop management	-	-	-	-	-	-	-	-	-	-
1.e.	Organic farming	-	-	-	-	-	-	-	-	-	-
1.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
2	**Post harvest technology and value addition**	-	-	-	-	-	-	-	-	-	-
2.a.	Value addition	-	-	-	-	-	-	-	-	-	-
2.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
3.	**Livestock and fisheries**	-	-	-	-	-	-	-	-	-	-
3.a.	Dairy farming	-	-	-	-	-	-	-	-	-	-
3.b.	Composite fish culture	-	-	-	-	-	-	-	-	-	-
3.c.	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-
3.d.	Piggery	-	-	-	-	-	-	-	-	-	-
3.e.	Poultry farming	-	-	-	-	-	-	-	-	-	-
3.f.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-

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		
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PART VIII – EXTENSION ACTIVITIES(2020)

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	14	197	53	250	06	01	07	152	40	192
Kisan Mela	02	128	27	155	-	-	-	128	27	155
KisanGhosthi	04	176	63	239	-	-	-	176	63	239
Exhibition	02	141	-	141	-	-	-	06	01	07
Film Show	16	356	176	532	64	38	102	56	8	64
Method Demonstrations	77	1076	192	1268	33	23	56	481	141	622
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	4	-	-	-	-	-	-	11	2	13
Group meetings	71	1100	88	282	-	-	-	53	10	63
Lectures delivered as resource persons	114	2497	834	3331	86	32	118	464	167	631
Newspaper coverage	81	-	-	-	-	-	-	-	-	-
Radio talks	5	-	-	-	-	-	-	-	-	-

TV talks	14	-	-	-	-	-	-	-	-	-
Popular articles	12	-	-	-	-	-	-	-	-	-
Extension Literature	53	-	-	-	-	-	-	-	-	-
Advisory Services	12221	709	36	745	32	12	44	250	48	298
Scientific visit to farmers field	733	725	47	772	106	-	106	187	15	202
Farmers visit to KVK	404	825	187	1012	18		18	276	52	328
Diagnostic visits	104	276	102	378	19	16	35	64	40	104
Exposure visits	05	56	16	72	71	11	82	28	05	33
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify) Womens day World Environment day Poshan Maah-2020 Horticulture day World food day Farmer's day	24	289	385	674	58	43	101	109	45	154
Any Other (Specify)										
Total	**13960**	**8547**	**2206**	**10753**	**493**	**176**	**669**	**2441**	**664**	**3105**

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	-	-	-	-	-	-	-	-	-	-
National Animal Disease Control Programme	-	-	-	-	-	-	-	-	-	-
Tree Plantation Campaign	-	-	-	-	-	-	-	-	-	-
Any other, Pl.specify	-	-	-	-	-	-	-	-	-	-

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIAL (2020)

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Name of the Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Paddy	MO4	12.45	38595.00	62
	Bulk Paddy	MO4	3.55	8880.00	10
Oilseeds	-	-	-	-	-
Pulses	Green gram	KKM3	0.017	2380.00	03
Commercial crops	-	-	-	-	-
Vegetables	Okra	Halu Bhendi	0.0325	4000	20
Flower crops	-	-	-	-	-
Spices	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-
Fiber crops	-	-	-	-	-
Forest Species	-	-	-	-	-
Others (specify)	-	-	-	-	-
Total	**-**	**-**	**12.4995**	**44975.00**	**85**

9.B. Production of hybrid seeds by the KVKs

Crop category	Name of crop	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers to whom provided
-	-	-	-	-	-
-	-	-	-	-	-
Total	-	-	-	-	-

9.C. Production of planting material by the KVKs

Crop category	Name of the crop	Variety	Number	Value (Rs.)	Number of farmers to whom provided
Commercial	-	-	-	-	-
Vegetable seedlings	-	-	-	-	-
Fruits	-	-	-	-	-
Ornamental plants	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-

Plantation	Drum Stick	-	10	300	1
Spices	-	-	-	-	-
Tuber	-	-	-	-	-
Fodder crop saplings	Fodder root slip	-	1780	1780	5
Forest Species	-	-	-	-	-
Others(specify)	-	-	-	-	-
Total	**-**	**-**	**1790**	**2080**	**6**

9.D. Production of hybrid planting materials by the KVKs : NIL

Crop category	Name of crop	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers to whom provided
-	-	-	-	-	-
-	-	-	-	-	-
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	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	Trichoderma	1.80	28800.00	31
Others (specify) Earth warms	Earth worms	0.009	5850.00	5
	Vermi Compost	4.65	6960.00	31
	FYM	159 CFT	11925.00	20
Total			**53535.00**	**87**

9.D. Production of livestock

Particulars of Livestock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Cows	Male CALF- HF,JERSEY	5	52750.00	3
Buffaloes	-	-	-	-
Calves				
Others (Pl. specify) Milk	-	14720 Ltr	97555.00	SALE
Poultry				

Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)				
Piggery				
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries				
Fingerlings	**9**	**56075**	**109970.00**	**163**
Others (Pl. specify)				
Total			**260275.00**	

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

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

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

(B) Literature developed/published

Item	Number
Research papers- International	-
Research papers- National	-
Technical reports	-
Technical bulletins	12
Popular articles - English	-
Popular articles – Local language	05
Extension literature	-
Others (Pl. specify)Book	01
Training Manual	03
TOTAL	**21**

10.B. Details of Electronic Media Produced

S. No.	Type of media	Title	Details
1	CD / DVD	1. Success story of integrated farming. 2. Sahyadri Panchamukhi – new flood resistant paddy crop. 3. Rural youth entrepreneurship development through coconut tree climbing. 4. Fish culture in biofloc technology.	4 DVD's were prepared under ATMA funding
2		Success Story of Mr. Anush FoCT Trainee	In collaboration with ATMA Success Story of coconut tree climbing
3	Mobile Apps	-	-
4	Social media groups with KVK as Admin	1. KVK Dakshina Kannada Raithabandu 2. Fish farmers United 3. Kalyana foundation 4. Mangaluru krishika samaja 5. Plant protection 6. Krishika samaja 7. ICM in pepper 8. INT crop management in pepper 9. African snail management	Farming community is linked through whatsapp groups with routine sharing of information by the farmers and scientific guidance by scientists of KVK.
5	Facebook account name	kvkdakshinakannada	-
6	Instagram account name	-	-
7	**Youtube**	kvkdakshinakannada	-

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

Photos

Photo	**Photo**
Title	**Title**
Photo	**Photo**
Title	**Title**

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

Hygienic Method of Value Addition for Fish and Shellfish by Solar Dryers

- **Fisherwomen in the coastal districts relay on drying and value addition of fish and shellfish during monsoon months (during fishing ban season).**
- **Traditional salting and drying of fish is done on sand, which has an impact on quality of the product.**
- **Solar drying is an innovative and alternative approach to retain the quality of the dried and salted fish with minimal contamination from external components (Sand, air, Holding surfaces, etc.)**
- **Income can be improved by giving quality product to the consumer.**

Traditional Method

Hygenic Solar DryingSolar

Dryer at KVK, DK

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

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

10 F. Technology Week celebration during 2020: 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 :NIL

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	Amount realized (Rs.)
Soil Samples	**1186**	**1186**	**293**	**237200.00**
Water Samples	**573**	**573**	**121**	**28650.00**
Plant samples	**-**	**-**	**-**	**-**
Manure samples	**-**	**-**	**-**	**-**
Others (specify)	**-**	**-**	**-**	**-**
Total	**1759**	**1759**	**414**	**265850.00**

C. Details of samples analyzed during the 2020:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	**276**	**276**	**116**
Water Samples	**145**	**145**	**54**
Plant samples	**-**	**-**	**-**
Manure samples	**-**	**-**	**-**
Others (specify)	**-**	**-**	**-**
Total	**421**	**421**	**170**

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 Mridaparikshak are over, trying to refill the reagents of Mridaparikshak but currently they are not available
2.	**25.05.2019**	The reagents of Mridaparikshak are over, trying to refill the reagents of Mridaparikshak but currently they are not available

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

	During 2019	During 2020	Cumulative progress (Total)
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 2020:

Particulars	Date (s)	Villages (No.)	Farmers (No.)	Samples analyzed (No.)	Soil health cards issued (No.)
SWTL	**2020**	**170**	**421**	**421**	**421**
Mobile Soil Testing Kit	-	-	-	-	-

11.4 World Soil Health Day celebration

Sl. No.	Farmers participated (No.)	Soil health cards issued (No.)	VIPs (MP/ Minister/MLA attended (No.)	Other Public Representatives participated	Officials participated (No.)	Media coverage (No.)
1	**30**	**30**	-	**02**	**02**	**01**

PART XII. IMPACT

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

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

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

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

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

PART XIII - LINKAGES

13A. Functional linkage with different organizations

Name of organization	Nature of linkage
Agricultural Technology Application Research Institute, Bengaluru (ATARI)	Technical and Financial Support
Karnataka Veterinary, Animal and Fisheries University, Bidar	Technical and Administrative Support
Indian Council of Agricultural Research (ICAR)	Financial Support
ICAR - Director of Cashew Research, Puttur	Joint Implementation
ICAR-Central Institute of Fisheries Technology, Cochin	Joint Implementation
CPCRI, Kasaragod	Joint Implementation
Deputy Commissioner's office Dakshina Kannada Dakshina Kannada Zilla Panchayath	Participation in meeting Participation in meeting
Development Departments Department of Agriculture, Department of Horticulture, Department of Animal Husbandry and Veterinary services, Department of Fisheries, Department of Forest Department Department of Women & Child welfare Development,	• Participation in trainings as resource persons • Participation in meeting • Providing technical information for the Extension functionaries during bi-monthly workshops • Joint Diagnostic Field Visits to problematic areas and crops in the District. • Participation in Kissan Melas, Krishi Utsav • Participation in Krishi Abhiyana
Non-Governmental Organizations Shree Kshetra Dharmasthala Rural Development Project (SKDRDP), Dharmasthala Vijaya Rural Developmental Foundation (VRDF) Bharatiya Vikas Trust, Manipal	• Participation in agricultural seminars as resources persons. • Participation in Krishimelas and Krishi Ustavs. • Participation in trainings for farmers as resource persons
NABARD, Banks, Co-operative Agriculture Banks, Cooperative Societies	• Participation in farmers training programmes as resource persons • Providing of critical inputs for OFT,FLD programmes implementation
All India Radio	• Dissemination of technologies through radio talks, • Announcing of messages to the farmers and KVK training programme schedules. • Schedule of Agricultural Operations

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.)

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**	-	**2**	-	-
02	**Research projects**	-	-	-	-
		-	-	-	-
03	**Training programmes**	-	**16**	**2**	-
		-			-
04	**Demonstrations**	Method Demonstrations	**7**	-	-
		-	-		-
05	**Extension Programmes**	-	-	-	-
	Kisan Mela	-	**1**	-	-
	Technology Week	-	-	-	-
	Exposure visit	-	-	-	-
	Exhibition	-	-	-	-
	Soil health camps	-	-	-	-
	Animal Health Campaigns	-	-	-	-
	Others (Pl. specify)	Diagnostic Visit	**9**	-	-
06	**Publications**	-	-	-	-
	Video Films	-	-	**4**	Success stories and innovative technologies documentation
	Books	-	-	-	-
	Extension Literature	-	-	-	-
	Pamphlets	-	-	-	-
	Others (Pl. specify)	-	-	-	-
07	**Other Activities** (Pl.specify)	Folders	**4**	--	--
	Watershed approach	-	-	-	-
	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-
		-	-	-	-

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

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

13E. Nature of linkage with National Fisheries Development Board : Nil

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

13F. Details of linkage with RKVY : 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	No of Advisories	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	5	**Text**	**2**	**2**	-	-	-	**1**	**5**	**783**
February	3	**Text**	**2**	**1**	-	-	-	**2**	**5**	**1387**
March	4	**Text**	**1**	**1**	-	-	-	-	**2**	**1844**
April	-	-	-	-	-	-	-	-	**0**	**0**
May	5	**Text**	**2**	**2**	-	-	-	**1**	**5**	**2000**
June	3	**Text**	**2**	**1**	-	-	-	-	**3**	**2200**
July	1	**Text**	**1**	-	--	-	-	-	**1**	**2200**
August	1	**Text**	**1**	-	-	-	-	-	**1**	**2350**
September	2	**Text**	**2**	-	-	-	-	-	**2**	**2350**
October	3	**Text**	**2**	**1**	-	-	-	-	**3**	**2350**
November	5	**Text**	**4**	**1**	-	-	-	-	**5**	**2400**
December	3	**Text**	**3**	-	-	-	-	-	**3**	**2500**
Total	**22**		**22**	**9**				**4**	**35**	**22364**

PART XIV- PERFORMANCE OF INFRASTRUCTURE IN KVK

14A. Performance of demonstration units (other than instructional farm) Nil

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	12.45q.		38595.00	
Pulses					KKM3	0.017		2380.00	
Oilseeds	-	-	-	-	-	-	-	-	-
Fibers	-	-	-	-	-	-	-	-	-
Spices & Plantation crops									
Floriculture	-	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-	-
Vegetables	Bhendi	-	-	Local	-	0.0325	-	3900.00	-
Others (specify)									
Coconut	-	-	-	-	-	30638 No.	30638.00	22078	-

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	Trichoderma	180 kgs			

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	Fish seed rearing	1. Catla 2. Rohu 3. Common carp 4. Mrigal 5. Grass carp 6. Jayanthi rohu 7. Amur common carp 8. Pangasius 9. *Labeo fimbriatus*	Seed rearing	56075	86210	23760	Seed rearing and distribution is carried out using 80 mt square area tanks
2	Dairy	HF,Jersey	Milk	14720 lit	461206	109486	-
3	Piglets	Yorkshire breed	Piglets	4	79050	6850	Sold to farmers
4	Poultry	Swarnadhara	Chicks	1800	79610	18026	Sold to farmers

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	305	16	-
February	75	12	-
March	38	4	-
April	-	-	-
May	2	18	-
June	1	20	-
July	-	-	-
August	-	-	-
September	4	6	-
October	9	3	-
November	-	-	-
December	13	4	-

-

14F. Database management

S.No	Database target	Database created
1	OFT	All data are uploaded in OLRS & MPR and AEMPR in Farmers Portal
2	FLD	
3	Training	
4	Farmers visited to KVK	
5	Extension Activities	
6	Field Visit	
7	Farmers(SC,ST differently abled,Physically Challenged,FPOs ,Fisherfolks)	

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)

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. Ajjavara	Medium	Low to Medium	Medium	High	Yet to be create	Arecanut, Black Pepper, Coconut, Banana, Cocoa, Cashew nut, Rice, Cow pea, Green gram, Brinjal	-	-	-	-	-
	2.Mandekolu	Medium	Low to Medium	Medium	High	Yet to be create	Arecanut, Black Pepper, Coconut, Banana, Cocoa,	-	-	-	-	-

							Cashew nut, Rice, Cow pea, Green gram, Brinjal						
2	1.												
	2.												

15.2 District Agriculture Meteorological Unit (DAMU): Sanctioned under II Phase

	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 2020

State	**Name of KVK**	**Details of Activities/programmeOrganised**	**Number of Chief Guests**	**No. of Farmers attended program**	**Total participants**

15.4Seed Hub: Nil

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

15.5 CFLD on Oilseeds:Nil

Sl.No.	Crop	Varieties demonstrated and check	Allocated		Implemented	
			Area (ha)	Demos (No.)	Area (ha)	Demos (No.)
-	-	-	-	-	-	-
	Total	-	-	-	-	-

15.6 CFLDs on Pulses: Nil

Sl.No.	Crop	Varieties demonstrated and check	Allocated		Implemented	
			Area (ha)	Demos (No.)	Area (ha)	Demos (No.)
-	-	-	-	-	-	-
	Total	-	-	-	-	-

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
-	-	-	-	-	-	-	-	-	-	-

15.9 Tribal Sub-Plan (TSP): Nil

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		OFT (No of Technologiess)	Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/ Demos	No. of Farmers	No. of Trainings/ Demos	No. of Women Farmers	No. of Trainings/ Demos	No. of Youths	No. of Trainings/ Demos	No. of Ext. Person		On-farm trials	Front line demos	Mobile agro-advisory to farmers						
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

15.10 SCSP: Nil

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		OFT (No of Technologiess)	Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/ Demos	No. of Farmers	No. of Trainings/ Demos	No. of Women Farmers	No. of Trainings/ Demos	No. of Youths	No. of Trainings/ Demos	No. of Ext. Person		On-farm trials	Front line demos	Mobile agro-advisory to farmers						
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

15.11 NARI

Activity	**Achievement**	
	Number of activity	**No. of farmers/ beneficiaries**
OFTs – Nutritional Garden (activity in no. of Unit)	-	-

OFTs – Bio-fortified Crops (activity in no. of Unit)	-	-
OFTs – Value addition(activity in no. of Unit/Enterprise)	-	-
OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	-	-
FLDs – Nutritional Garden (activity in no. of Unit)	**25**	**25**
FLDs – Bio-fortified Crops (activity in no. of Unit)	-	-
FLDs – Value addition(activity in no. of Unit/Enterprise)	-	-
FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	-	-
Trainings	-	-
Extension Activities	-	-

15.12 KVK Portal

No. of Events added by KVKs	No. of Facilities added by KVKs	Filled Report on Package of Practices (Y/N)				Filled Profile Report (Y/N)							
		Crop	Livestock	Fisheries	Horticulture	Employees	Posts	Finance	Soil Health Cards	Appliances	Crops	Resources	Fish
68	**15**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**

15.13 KSHAMTA: Nil

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training
-	-	-	-	-

15.14 DFI

Sl	District	Taluks	Villages	Farmers (No.)	Average Benchmark Income (Rs/year)	Crops/ enterprises	KVK Interventions	Additional Net Income generated due to KVK interventions (Rs/year)	Total income of farmer (Rs/year)
1	Dakshina Kannada	Sullya	Mandekolu	50	206590.00	-	-	-	206590.00

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 2019-20 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	75.50	75.50	65.94
2	**Traveling allowances**	1.50	1.50	1.14
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.50	2.50	2.49
B	POL, repair of vehicles, tractor and equipments	1.50	1.50	1.39
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.50	0.50	0.49
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.75	0.75	1.62
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3.40	3.40	1.99
F	On farm testing (on need based, location specific and	0.97	0.97	0.48

	newly generated information in the major production systems of the area)			
G	Training of extension functionaries	0.25	0.25	0.00
H	Maintenance of buildings	0.50	0.50	0.50
I	Establishment of Soil, Plant & Water Testing Laboratory	0.25	0.25	0.49
J	Library	0.10	0.10	0.06
k	Extension Activities	0.25	0.25	0.25
l	Nutri garden	0.20	0.20	0.00
TOTAL (A)		87.62	87.62	77.28
B. Non-Recurring Contingencies				
1	**Works**	-	-	-
2	**Equipment including SWTL & Furniture**	-	-	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-	-	-
4	**Library** (Purchase of assets like books & journals)	-	-	-
TOTAL (B)		87.62	87.62	77.28
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		87.62	87.62	77.28

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

Year	Opening balance as on 1st January	Income during the year	Expenditure during the year	Net balance in hand as on 31st December of each year
January to December 2018	2.59	16.50	16.42	2.66
January to December 2019	2.66	14.93	16.57	1.02
January to December 2020	1.02	12.06	12.09	0.99

17. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. Chethan N	Scientist-Fisheries	Fishery Business eco-system in India	Centre for Agriculture marketing Intelligence, Anand Agricultural University, Ananad	22.06.2020
Dr. Chethan N	Scientist-Fisheries	Cyclone Management	MANAGE, Hyderabad, India	27.07.2020 to 5.08.2020

Dr. Chethan N	Scientist-Fisheries	Fostering Freshwater Aquaculture Technology Dissemination through KVK Network	ICAR-CIFA	27.08.2020
Dr. Chethan N	Scientist-Fisheries	Advanced technologies in Aquaculture	FRIC, Hebbal	29.08.2020
Dr. Chethan N	Scientist-Fisheries	CRISPR in Agriculture : Context of Improving WUE	Bioingene.com	12.09.2020
Dr. Chethan N	Scientist-Fisheries	Trade in F&V Products & Dairy	Centre for Agricultural Market Intelligence, AAU, Anand	15.09.2020
Dr. Chethan N	Scientist-Fisheries	Market dynamics in Poultry	Centre for Agricultural Market Intelligence, AAU, Anand	17 and 18.09.2020
Dr. Chethan N	Scientist-Fisheries	Animal Sciences in Agricultural Education-Opportunities and Prospect	School of Agricultural Sciences & Technology (SAST)	05.09.2020
Dr. Chethan N	Scientist-Fisheries	“Entrepreneurship in Animal Husbandry–Scope and Opportunities	School of Agricultural Sciences & Technology (SAST)	12.09.2020
Dr. Chethan N	Scientist-Fisheries	Sustainable Food Production: Myths and Realities	Agricultural Sciences & Technology (SAST)	26.09.2020
Dr. Chethan N	Scientist-Fisheries	Climate Change and Farmers’ Distress	Agricultural Sciences & Technology (SAST) and NMIMS University Students’ Council (NUSC)	19.09.2020

Dr. Chethan N	Scientist-Fisheries	Agritech Incubators– Scope and Opportunities for Students, Agripreneurs and Farmers	School of Agricultural Sciences & Technology (SAST)	03.10.2020
Dr. Chethan N	Scientist-Fisheries	Harnessing transcriptome resources of non-crop models for improving stress resilience in rice	Bioingene	08.10.2020
Dr. Chethan N	Scientist-Fisheries	Fish Farming with Biofloc Technology	FRIC, Hebbal, KVAFSU	16.10.2020
Dr. Chethan N	Scientist-Fisheries	Biofloc based aquaculture	CIBA, Chennai	06.11.2020
Dr. Chethan N	Scientist-Fisheries	Training on Fisheries	Convergence of ICAR and Department of Fisheries, Govt. of India	22.12.2020
Dr. Chethan N	Scientist-Fisheries	India International Science Festival-2020	GOI	22-24.12.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Fishery Business eco-system in India	Centre for Agriculture marketing Intelligence, Anand Agricultural University, Ananda	2 days
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Development of climate change resilient rice varieties through molecular breeding	Bioingene.com	One day (06.07.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Zonal Workshop of KVKs of Zone XI (Karnataka, Kerala, Lakshadweep)	ICAR-ATARI, Bengaluru	2 days
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Journey from Biofortification in food crops to including nutritional traits in varietal identification and release in Pearl millet	Bioingene.com	One Day (09.07.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Plant Viral Diseases: Economic Implications & Their Management	Bioingene.com	One Day (15.07.2020)

Dr. Kedarnath	Scientist- Plant Protection and Entomology	Climate Smart Rice Hybrids	Bioingene.com	One Day (21.07.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Role of reactive oxygen species and antioxidant machinery in crop plants	Bioingene.com	One Day (17.07.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Role of Agricultural & Environmental Biotechnology for a sustainable future by Dr. Parwinder Kaur, Director, DNA Zoo Australia, UWA School of Agriculture & Environment (SAgE), University of Western Australia, Australia	Bioingene.com	One day (13.08.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Non-Insect Pest Management - Mites, crabs, slugs, snails and birds	NIPHM Hyderabad, India	11.08.2020 to 13.08.2020 (03 days)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	"Agro Industry-Scope and Opportunities for a Promising Career"	School of Agricultural Sciences & Technology (SAST) Narsee Monjee Institute of Management Studies (NMIMS), deemed to be University	29.08.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Integrating genomics for accelerating the rate of genetic gain for chickpea improvement	Bioingene.com	01.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	International Webinar on One-Health Perspectives of Antimicrobial Resistance &EPoster competition	Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar and Indian Association of Veterinary Public Health Specialists	04.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Animal Sciences in Agricultural Education-Opportunities and Prospects	School of Agricultural Sciences & Technology (SAST), Narsee Monjee Institute of Management Studies (NMIMS)	05.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	The Importance of Soft Skills in Academia	Bioingene.com	05.09.2020 (01 day)

Dr. Kedarnath	Scientist- Plant Protection and Entomology	"Entrepreneurship in Animal Husbandry–Scope and Opportunities"	School of Agricultural Sciences & Technology (SAST) Narsee Monjee Institute of Management Studies (NMIMS), deemed to be University	12.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	CRISPR in Agriculture : Context of Improving WUE	Bioingene.com	12.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	"Climate Change and Farmers' Distress"	School of Agricultural Sciences & Technology (SAST) Narsee Monjee Institute of Management Studies (NMIMS), deemed to be University	19.09.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Research methodology for social sciences	National Agricultural Higher Education Project, Centre for agricultural market Intelligence, Anand Agricultural University, Anand	01.09.2020 to 11.09.2020 (Ten Days)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Market Dynamics for poultry sector : Perspectives and challenges	National Agricultural Higher Education Project, Centre for agricultural market Intelligence, Anand Agricultural University, Anand	17.09.2020 to 18.09.2020 (Two Days)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	"Sustainable Food Production: Myths and Realities"	School of Agricultural Sciences & Technology (SAST) Narsee Monjee Institute of Management Studies (NMIMS), deemed to be University	26.09.2020 (One Day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Integrating genomics for accelerating the rate of genetic gain for chickpea improvement	Bioingene.com	01.10.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Harnessing transcriptome resources of non-crop models for improving stress resilience in rice	Bioingene.com	08.10.2020

Dr. Kedarnath	Scientist- Plant Protection and Entomology	Education for Agriculture Making a Difference "Dealing with Procrastination"	School of Agricultural Sciences & Technology (SAST) and NMIMS University Students Council (NUSC) Narsee Monjee Institute of Management Studies (NMIMS) University	10.10.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Exploring Alternate Scientific Career Tracks in Post CoVID Economy	The Biomics	11.10.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	MirRORs (miRNA Regulation of response) to salt stress in plants	Bioingene.com	13.10.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Recent developments in pathobiology and diagnosis of animal and poultry diseases – A new prospective approach	Tamil Nadu Veterinary and Animal Sciences University Veterinary College and Research Institute, Tirunelveli	15.10.2020 to 16.10.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Digital Agriculture A Way Forward	School of Agricultural Sciences & Technology (SAST) and NMIMS University Students Council (NUSC) Narsee Monjee Institute of Management Studies (NMIMS) University	17.10.2020
Dr. Kedarnath	Scientist- Plant Protection and Entomology	"Promotion of PM-FME Scheme"	University of Horticultural Sciences, Bagalkot, College of Horticultural Engineering and Food Technology & Horticultural Research and Extension Centre, Devihosur, Karnataka, India	23.10.2020 (01 day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Start ups ecosystem for Agri entrepreneurship development in India	School of Agricultural Sciences & Technology (SAST) and NMIMS University Students Council (NUSC) Narsee Monjee Institute of Management Studies (NMIMS) University	24.10.2020

Dr. Kedarnath	Scientist- Plant Protection and Entomology	'On-Farm Production of Bio-Control Agents and Microbial Bio-Pesticides'	National Institute of Plant Health Management, Rajendranagar, Hyderabad – 500 030 (India) Department of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Government of India	05 Days (09^{th} to 13^{th} November, 2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Towards raising crops for saline and dry lands	Bioingene.com	01 Day (06.11.2020)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Agriculture 4.0 by Dr. Dinesh Kumar Singh, Group Leader, TCS Innovation Lab, Tata Consultancy Services Limited, Maharashtra, India	Bioingene.com	19.12.2020 (One Day)
Dr. Kedarnath	Scientist- Plant Protection and Entomology	Journey of rice research from salinity to fluoride stress response by Dr. Aryadeep Roy Choudhury, Assistant Professor, Department of Biotechnology, St. Xavier's College (Autonomous), Kolkata, India	Bioingene.com	31.12.2020 (One Day)
Dr. Naveen Kumar, B. T.	Scientist – Agronomy	Cutting Edge Technologies for Weed Management	UAHS, Shivamogga	09.03.2020 to 18.03.2020
Dr. Naveen Kumar, B. T.	Scientist – Agronomy	Advances in Fodder Production, Utilization and Conservation for Improving Livestock Health, Productivity and Environmental Sustainability"	ICAR-Indian Grassland and Fodder Research Institute Regional Research Station, Srinagar (UT of J & K) - 191132	20.08.2020 to 09.09.2020
Dr. Naveen Kumar, B. T.	Scientist – Agronomy	Online workshop of "All India Fodder Production Officers: Rabi"	ICAR-Indian Grassland and Fodder Research Institute Regional Research Station, Srinagar (UT of J & K) - 191132	13.10.2020 to 15.10.2020
Dr. Rashmi R.	Scientist (Horticulture)	107^{th} Indian Science Congress	Indian Science Congress Association, Kolkatta and UAS,GKVK, Bengaluru	3-7 January 2020

Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Kick start your Agri Start – up	CCS National institute of Agricultural marketing, Jaipur in Association with UAHS, Shivamogga, Karnataka	16-06-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Recent Trends in Landscape Industry	Department of Horticulture, Faculty of Agriculture, Annamalai University	17-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Strategies to combat recent challenges in Floriculture Industry	Department of Horticulture, Faculty of Agriculture, Annamalai University	18-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Landscape tools for smart Societies	Department of Horticulture, Faculty of Agriculture, Annamalai University	19-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	International Webinar Series on Climate Resilient Crops for Food and Nutritional Security	MPKV, Rahuri & CAAST under NAHEP, ICAR, New Delhi	22-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on New Normal in Floriculture	Department of Horticulture, Faculty of Agriculture, Annamalai University	23-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Impact of e-waste on Environment	UAS, Dharwad & NAHEP, ICAR, New Delhi	28-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on “Research advances in Kiwi production”	Department of Horticulture, Faculty of Agriculture, Annamalai University	31-07-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Flower seed production-Challenges & opportunities	Department of Horticulture, Faculty of Agriculture, Annamalai University	05-08-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	MOOCs programme on Gender in Agricultural Development	MANAGE, Hyderabad, India	10 days (27th July, 2020 to 5th August, 2020)
Dr. Rashmi R.	Scientist (Horticulture)	MOOCs programme on Cyclone Management	MANAGE, Hyderabad, India	10 days (27th July, 2020 to 5th August, 2020)
Dr. Rashmi R.	Scientist (Horticulture)	Non-Insect Pest Management - Mites, crabs, slugs, snails and birds	NIPHM Hyderabad, India	11.08.2020 to 13.08.2020 (03 days)
Dr. Rashmi R.	Scientist (Horticulture)	National Level Online Quiz on Floriculture & Landscape Architecture	Dr. PDKV, Akola (M.H.)	15-08-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Online webinar on Scope of Horticulture in Hilly Zone of Karnataka	UHS, Bagalkot & COH, Sirsi	17-08-2020 (01 day)

Dr. Rashmi R.	Scientist (Horticulture)	International webinar on "Women in Science and Their Role in Sculpting Modern Agriculture	Bihar Agricultural University, Sabour, Bhagalpur	26-08-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Orientation training on Nutri garden	UAHS, Shivamogga	26-08-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Agri Export Management	National Institute of Agricultural Extension Management (MANAGE)	14-09-2020 to 18-09-2020 (05 days)
Dr. Rashmi R.	Scientist (Horticulture)	Horticulture resources and their role in boosting immunity against Covid-19	UHS, Bagalkot, COH, Kolar, KVK, Kolar	04-09-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Role of Nanotechnology in Food and Agriculture	UAS, RAichur, COAE, Raichur and Centre for Nanotechnology	20-09-2020 to 29-09-2020 (10 Days)
Dr. Rashmi R.	Scientist (Horticulture)	International E-Conference on "Multidisciplinary approaches for plant disease management for achieving sustainability in agriculture"	University of Horticultural Sciences, Bagalkot, India Department of Plant Pathology College of Horticulture, Bengaluru	6-9th October, 2020 (04 days)
Dr. Rashmi R.	Scientist (Horticulture)	World Egg Day Awareness Programme	ICAR-National Rice Research Institute, Cuttack, Krishi Vigyan Kendra	09-10-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Virtual Krishi Mela (Rabi) -2020	Directorate of Extension Education CCS HAU, Hisar	13-10-2020 & 14-10-2020
Dr. Rashmi R.	Scientist (Horticulture)	Webinar on Celebration of Mahila Kisan Diwas	ICAR-ATARI, Pune, KVK Pune-II & KVK Kolhapur –II	15-10-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Banana tissue culture Production opportunities for new entrepreneur	College of Horticulture & Forestry, CAU, (Imphal), Pasighat, Arunachal Pradesh	20-10-2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Workshop on strengthening technology interventions and documentation of achievements	ICAR-ATARI, Bengaluru	05.11.2020 (01 day)
Dr. Rashmi R.	Scientist (Horticulture)	Application of ICTs in Agriculture	MANAGE, Hyderabad, India	23-29 November 2020 (07 days)
Dr. Rashmi R.	Scientist (Horticulture)	"Emerging Trends in Seed Production Technology and Quality Control Framework for Effective Seed Supply Chain of Horticulture Crops	UHS, Bagalkot & COH, Bidar	28-12-2020 to 06-01-2021 (10 days)
Mr.Sathisha Naik K.	Programme Assistant (Computer)	Summer Training programme on "Full Stack Web Development"	Electronics and ICT Academy, IIT Roorkee	1st October 14th October, 2020

18. **Please include any other important and relevant information which has not been reflected above (write in detail). Like details regarding FPO formation, Achievements during COVID-19 lockdown period.**

1. ICAR-KrishiVigyan Kendra, Dakshina Kannadain collaboration with Pingara Farmers Producers Comapny, Vitlacollected 2 tonnes of Banana and Jackfruit procured from farmers directly benefiting156 farmers to prepare value added products like chips, halwa, papad and jack bar.

2. Facilitated 112 farmers to purchase critical inputs like plant protection chemicals, nutrient products, agricultural machinery *etc*., from Agricultural retail outlet operated by Pingara FPO based at Bantwal Taluk**.**

3. ICAR-KrishiVigyan Kendra, Dakshina Kannada in collaboration with Aladangady Farmers Producers Company, Belthangady collected 10 tonnesof different vegetables and fruits procured from farmers directly benefiting more than 269farmers to avoid distress sale of vegetables.
4. ICAR-KrishiVigyan Kendra, Dakshina Kannada scientist could provide and guided the preparation of value added product of pineapple jam through video conference to Aladangady FPO women to avoid distress sale of pineapple.
5. With the technical guidance of ICAR-KrishiVigyan Kendra, Dakshina Kannada scientist FPO womenprepared value added products like 50 kg of pineapple jam, 30 kg banana chips, 150 lit coconut oil and 30 kg coconut holige and sold to consumers.
6. Facilitated 727 farmers to market 36.5 tonnes of cashew, pineapple, banana, cucumber, jackfruit etc. produced in the district through linking to major market operating buyers.

7. Facilitated 147 farmers to purchase critical inputs like plant protection chemicals, nutrient products, agricultural machinery etc from Agricultural retail outlet operated by NavachetanaFPO based at Belthangady Taluk**.**

8. Supply of KVK farm fresh Okra(Bhendi)and swarnadhara chicks was made available at KVK campus for consumers at very competitive rates, more than 1014consumers got benefitted.
9. Information regarding Arogyasetu app was sent to more than 1804 farmers through different social media groups
10. General crop and weather based advisories to 1720farmers through social media groups.
11. Nutritional advices are conveyed toaround 2450 farmers during COVID-19 outbreak through social media groups.
12. 364 fish farmers registered at KVK were advised to provide more nutritional feed for the fish culture to minimise summer effects on water quality, growth and survival of culturing fishes.

13. Fish farmers were advised to minimize the organic load effect on water quality in fish ponds due to unprecedented rainfall in parts of the district.
14. 145 kg of carp fish cultured in Belthangady taluk was marketed through Aladangadi FPO to the public at reasonable rates to meet the demands of fish scarcity for consumption.
15. Telephonic advices were provided to the farmers, public and staff for the safe distance maintenance and quality fish buying through reliable sellers.
16. ICAR-Krishi Vigyan Kendra scientists are regularly providing need based information to more than 1750 farmers regarding animal health and disease controlling measures in the poultry, diary, piggery and goat farming.
17. ConnectedfarmerstoKMFsocietytopurchasefodderrootslipsofDHN6 variety.
18. Hand sanitizers were prepared at KVK, DK and distributed to the staff and public
19. ICAR-KrishiVigyan Kendra, Dakshina Kannada Mangaluru trained 40 numbers of Agri-Input Dealers of the District under DAESI Programme (Diploma in Agricultural Extension Services for Input Dealers) sponsored by MANAGE (National Institute of Agricultural Extension Management), Hyderabad and SAMETI Bengaluru. Asan impact Agri-input dealers act as secondary extension workers providing crop advisory servicesto the farmers along with input services like supply of fertilizers and pesticides.
20. Input dealers provided advisory services to the around 1790 farmers and supplied different fertilizer of 435 quintals and Pesticides of 284.5litres
    - Call attended during period: **389**
    - Field visits made: nil
    - Problems solved: **123**
    - Market linkage total amount and quantity till date: *detailed in the table below*
    - Social media contacts made: **1804**

Marketed byAgri-input dealers, farmers etc.

Sl. No.	Crop	Quantity (q)	Cost (Rs.)
1.	Onion	285	4,66,000
2.	Red chilli	25	6,25,000
3.	Potato	40	1,08,00
4.	Okra	11	44,000
5.	Sweet potato	0.3	1,470
6.	Garlic	5	40,000

7.	Green peas	7	21,000
8.	Cashew	365	-
9.	Fish (carps)	1.4	36,250
10.	Value added products	20	-
11.	Other Vegetables	100	-

5.B.3. Fisheries (2019-20)

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*angassius sutchi*	Catla, Rohu, Common carp and P*angassius sutchi*	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	44.66	35.32	39.44	31.50	25.18	297394	166694	2.28	218729	117329	2.16
	Monoculture of Amur Common Carp in Farm Ponds	Amur Common Carp	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	41.22	38.56	40.17	31.71	26.68	401682	244132	2.55	237818	132568	2.26
	Integration of Poultry with Fish farming	Fish and swarnadhara chicks	03	3000 sq.mtr.	Growth (kg) Yield (q/ha) and BCR	37.79	36.20	36.85	31.19	18.15	468845	297045	2.73	356456	198331	2.25
						9.62	8.90	9.15								

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST
H-High L-Low, A-Average

5.B. Results of FLDs 2019

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								
Vegetables	Integrated Crop Management in Watermelon	Sugar baby	-	Rabi	05	2	468.5	395.3	431.9	375.8	14	475090	356410	4.0	338440	239260	3.4
Vegetables	Integrated Crop Management in Brinjal	Mattigulla	-	Rabi	10	1	195.5	163.5	179.5	154.5	16.18	359000	193650	2.17	231750	96750	1.71

Sd/-
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