

KVK DAKSHINA KANNADA

ANNUAL REPORT- 2024

(FOR THE PERIOD FROM 01 January, 2024 TO 31 December, 2024 along with good action-oriented photographs in jpeg format for all activities of KVK with size of more than 2 MB need to be separately ATTACHED with CAPTION in the file name)

Note: Please do not insert any photos in this page and please do not decorate this page

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, 2024 to 31 December, 2024.
- Action photographs with relevant captions covering all OFTS/FLDS/TRAINING/EXTENSION activities of the KVK in High resolution should be submitted separately 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 applicable or details are not available.
- Check the names of varieties and hybrids and specify in the report.
- Check the units and totals of each data table.
- Extension activity under celebrations for each important day, please insert separate rows and give appropriate data separately. Clubbing of data should be avoided.
- Success stories/case studies should be supported with data tables 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.kvdk.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: 12.08.2004

1.5. Staff position as on 31st December 2024

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)	131400-211500	152300	29.06.2019	Permanent	OBC
2	Scientist/SMS	Dr. Ravindragowda Patil	Scientist	M	Fisheries	Ph.D. (Aquaculture)	79800-211500	101100	28.06.2023	Permanent	OBC
3	Scientist/SMS	Dr. Shivakumar R	Scientist	M	Veterinary	M.V.Sc. Ph.D. (Veterinary)	79800-211500	101100	21.10.2021	Permanent	SC
4	Scientist/SMS	Dr. Harish Shenry	Scientist	M	Agronomy	M.Sc.(Agri.) (Agronomy)	68900-205500	87300	09-06-2023	Permanent	General
5	Scientist/SMS	Dr. Kedarnath	Scientist	M	Plant Protection and Entomology	M.Sc.(Agri.) Ph.D. (Plant Pathology)	68900-205500	79900	03.06.2019	Permanent	General
6	Scientist/SMS	Dr. Mallikarjun L.	Scientist	M	Soil Science	M.Sc.(Agri.) Ph.D. (Soil Science)	68900-205500	79900	06.06.2019	Permanent	OBC
7	Scientist/SMS	Dr. Rashmi R.	Scientist	F	Horticulture	M.Sc. (Horti.) Ph.D. (Horticulture)	68900-205500	79900	06.06.2019	Permanent	OBC
8	Programme Assistant (Lab Tech.)	- Vacant-	Programme Assistant	-	-	-	-	-	-	-	-
9	Programme Assistant (Computer)	Mr. Sathisha Naik K.	Programme Assistant	M	Computer	M.Com. ADCST (Comp.)	44900-142400	56900	24.01.2011	Permanent	ST
10	Programme Assistant/ Farm Manager	- Vacant-	Programme Assistant	-	-	-	-	-	-	-	-
11	Assistant	Ms. Yashashree	Assistant	F	Accounts	-	-	30250/- Consolidated	01.04.2022	Temporary	OBC
12	Jr. Stenographer	Mrs. Deepa	Computer Operator	F	-	-	-	30250/- Consolidated	02.11.2011	Temporary	OBC
13	Driver - 1	Mr.Somashekharaiiah 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): 25.99ha

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

1.7. Infrastructural Development:
A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	24.11.2007	550	42,25,000.00	-	-	-
2.	Farmers Hostel	ICAR	24.11.2007	300	35,72,000.00	-	-	-
3.	Staff Quarters	ICAR	24.11.2007	400	32,35,000.00	-	-	-
	1	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-
4.	Demonstration Units	-	-	-	-	-	-	-
	1.Fish Nursery Unit	ICAR	20.02.2007	80	1,75,000.00	-	-	-
	2.Polyhouse	ICAR	12.05.2008	260	2,00,000.00	-	-	-
	3	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-
5	Fencing	ICAR			148000.00	-	-	-
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
M.F. Tractor 1035	2005	5,00,000	287 hrs.	Not in working condition
Hero Honda (Bike)	2006	40,000	41245 kms	Good condition

Aviator	2009	50,000	33356 kms	Good condition
Tractor John Deere-5045D	2016	6,84,324	492.40 hrs.	Good condition
Bolero Power plus	2019	8,00,000	56528 kms	Good condition

C) Lab equipment & AV aids

Name of the equipment	Year of purchase	Quantity (No.)	Cost (Rs.)	Present status
Mini Soil Test Kit	2016	1	86,000.00	Not in working condition
Oxygen Gas cylinder(10 Ltr C)	2016	1	4,748.00	Good
Microwave oven	2016	1	14,800.00	Good
AV aids				
Xerox Machine	2006	1	75,000.00	Not in working condition
Computer & Accessories	2006-07	3	98,890.00	Not in working condition
Generator	2011	1	99,955.00	Good
EPBX	2011	1	49,455.00	Not in working condition
Digital Camera	2006	1	20,000.00	Not in working condition
Magnetic White Board	2008	1	3,800.00	Good
Desktop HP-Pavilion 6710in INTEL DUAL CORE	2011	1	30,900.00	Good
LAPTOP HP PAVILION DV6-3120TX	2011		37,500.00	Good
UPS Frontech 800 Va.	2011	1	3,000.00	Not in working condition
APC Backup 800 Va.	2013	1	1,700.00	Not in working condition
Epson Data Projector EB-X02	2014	1	37,940.00	Good
Mike set-AHUJA	2014	1	36,317.00	Good
Nesara 500 ltr FPC solar water Heater	2014	1	72,650.00	Good
12 V/110 Tubular Battery with Trolley	2014	1	26,793.00	Good
1.4 VA/24V Emeric make UPS	2014	1	7,407.00	Good
Panasonic 2.0 Ton Split AC CS CU- UC24QKY2 2* & V-Guard VG 500 5 KVA Voltage Stabilizer	2014	1	1,41,000.00	Good
LG LED T.V. Model 32LB550A-ATR	2014	1	21,500.00	Good
Camera DS 200 Nikon	2016	1	28,000.00	Good
Benro Tripod (R-T 600 EX) Camera stand	2016	1	2,500.00	Good
Sub Woofer Mitashi 2.0 C.H. TNR 60 Fur	2016	1	7,490.00	Good
LENOVO DESKTOP-G Lenovo Idea Center-3	2021	5	2,43,000.00	Good
DELL Desktop-G DELL INSPIRON 3891 Desk Top Intel Core I5-10400/Windows 10/MS Office	2021	1	43,644.00	Good
Dell Desktop-G, DELL -3668, Desktop/10 th Gen/Core-i3	2021	1	31,779.00	Good
FRONTECH UPS-G	2021	1	847.00	Good
Notebook LAPTOP	2023	1	65,500.00	Good
External Hard Disk Drive	2023	1	6,400.00	Good
Web Camera	2023	6	12,600.00	Good
Speaker Laptop/Desktop	2023	6	4,194.00	Good
Cannon Laser Printer	2023	3	41,985.00	Good
Cannon Inkjet Printer	2023	1	14,500.00	Good
HP All in one Desktop 24-CB1902IN	2023	1	69,000.00	Good
EPBX Instrument	2023	1	9980.00	Good

D) Farm equipment and implements

Name of the equipment/implement	Year of purchase	Quantity (No.)	Cost (Rs.)	Present status
Sprayers	2005	1	2,640.00	Good
Power sprayer	2008	1	4,800.00	Good
Drum Seeder & Cono weeder	2005	2	2,600.00	Good
Paddy Planting Marker	2005	1	1,350.00	Good
Weed cutter	2008	1	13,000.00	Good
Power tiller	2011	1	1,50,000.00	Good
Milking Machine	2012	1	24961.00	Good
Plough	2017	1	35000.00	Good
Drilling Machine	2016	1	1150.00	Good
Terrier Blade	2017	1	45250.00	Good
STD Rotary Tiller RT/ID15 5SG	2017	1	96000.00	Good
Full Kagi Wheel for Tractor	2017	1	35840.00	Good
Fish Solar Dryer	2020	1	Good (Provided under TSP programme of ICAR- CIFT, Cochin)	Good
Paddy Reaper	2023	1	165000.00	Good

1.8. Details of SAC meeting organized

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
06.01.2024	60	Dr. M. G. Chandregowda, Nodal Officer and Principal Scientist ICAR-ATARI Bengaluru		
		Popularization of farmers success stories of FLDs through popular articles, radio talks and news media during the crop season period.	➤ On 4.6.2024 covered Radio Talk programme on the topic entitled Rice cultivation practices in Dakshina Kannada. ➤ On 19-06-2024 covered aspects about the topic Agricultural activities for kharif in Dakshina Kannada in Namma Kudla –TV programme ➤ On 10.11.2024 covered news about paddy-Sahyadri brahma new paddy variety for coastal Karnataka. in local news paper -Vijaya Karnataka ➤ On 30.05.2024 AIR coverage on Popularization of Arka Mangala and on 12.06.2024 local TV News coverage live programme ➤ On 2.12.2024 covered Radio talk programmes on ‘Usage of magnesium sulphate in coastal paddy’ & ‘Biofertilizers and liquid organic manures’.. ➤ Popular article on ‘Management of magnesium boosts rice yield in coastal soils of Karnataka’ accepted in The Agriculture Magazine and will be published in January-25 monthly issue.	-
		Publish success story of progressive fish farmer named Mr. Rajesh, Panapila village	Success story is prepared and it will be published in reputed Magazine	

		Dr. K T Gurumurthy, Director of Extension, KSNUAHS Shivamogga		
		Popularize the new paddy varieties through demonstrations	➤ FLD on Sahyadri Brahma covering 4 ha area of nine farmers in Kilanjaru village of Mangaluru Taluk ➤ FLD on Sahyadri Kempumukthi covering 4 ha area of nine farmers in Pochaje village of Bantwal Taluk ➤ Seed Production: Fifteen quintals of flood resistant paddy(Variety: Sahyadri Panchamukhi) was produced at KVK Instructional Farm and provided to 40 farmers of the district.	
		Popularise soil fertility enhancing cropping patterns through conducting FLD of pulses in paddy fallows.	➤ OFT on Horse gram (Variety: PHG- 9) will be implemented in 1.2 ha area covering three farmers of Kolluru village of Mangalore Taluk . ➤ FLD on Greengram (BGS-9) will be implemented in 4ha area covering three farmers of Punacha Village of Mangaluru Taluk Radio Talk programmes On 2.12.2025 Radio programme coverage on Soil fertility Management . As part of the Celebration of World Soil Day on 5.12.2024, deliberation on Soil Fertility Management was made and 75 Soil Health Cards were provided to 64 farmers of the district. School Soil Health Programmes On 5.12.2024, a programme was conducted at JNV school,Mudipu Village of Mangalore Taluk and 223 students participated in the programme. Krishi Choupal Programme. On 7.12.2024 a deliberation was made about soil fertility management in the collaborative programme organized by NGO- Food chain Campaign.A total of 237 participants comprising of farmers and students were participated.	
		Mrs. Jayashree, Progressive Women Farmer, Ujire, Belthangady Taluk		
		Organize capacity development programmes for farm women/ SHG on value added products to increase house hold income.	On 19.12.2024 organized capacity development programme under SCSP Programme on Value addition in fish for Sneha SHG Members of Laila Village, Belthangady Taluk	
		Mr Rajesh Devaraj, Progressive Fish Farmer, Panapila Moodbidre		
		Suggested to organize capacity development programmes related to inland fish production	• Conducted 5 days skill training programme on Integrated Farming Systems” from 02.09.2024 to 06.09.2024 and 22 farmers were participated. • Organized one day training program on 12.11.2024 on “Inland Fisheries- Scope, Importance and Recent Advances” Jointly organized by ICAR-KVK (D.K.), Mangaluru and Department of Agriculture, Bellur, Kasargod District, Kerala State under ATMA scheme and 17 farmers participated.	
		Mr. H. R. Naik, Deputy Director, Department of Horticulture, DKZP, Mangalore		
		More number of capacity development programmes to be conducted on management of leaf spot disease in arecanut.	➤ On 12.09.2024 organised FLD on Integrated leaf spot management in arecanut at Hosangady village of Belthangady taluk. 12 awareness programmes organised on integrated management of leaf spot in arecanut at Mangaluru, Tenka Yedapadavu, Balkunja, Bantwal, Bettampady, Sampaje, Vittla, Kilpady and Yakkaru villages and 493 farmers were participated. More than 800 whats app advisories and calls were made. On 16.10.2024 awareness on leaf spot management in arecanut was created through Radio programme and on 22.11.2024 an awareness was created through TV programme.	

		Dr. Vasanth Kumar Shetty, Chief Veterinary Officer, Department of AHVS, Mangaluru		
		Popularization of perennial green fodder crops in the district	➤ FLD on Short term fodder cowpea (Variety MFC-09-01) was promoted in paddy fallows of three farmers from Bettampady Village covering an area of 0.24 ha area during rabi season as legume component in fodder. ➤ Implemented FLD on “Popularization of Multi Cut Fodder (CoFS-31) at Bettampady Village to alleviate green fodder scarcity in Dakshina Kannada”	
		Dr. T.N Raviprasad, Principal Scientist, Directorate of Cashew Research Puttur		
		Organize awareness programmes on management of tea mosquito bug in cashew in collaboration with DCR Puttur.	• Organised CDP on management of Tea mosquito bug in cashew at RSK Vittla on 02.12.2024 (14 farmers participated), On 22.1.2025 created awareness through TV programme organised on the aspect of management of Tea mosquito bug in cashew.	
		Dr. Marutesh, Prof. and Head, AHRS Ullal		
		Suggested for collaboration in organizing capacity development programmes on value added products for farm women	Participated as resource person in the 5 days skill training programme on Integrated Farming Systems” from 02.09.2024 to 06.09.2024 and delivered a talk on value addition in fish .A total of 22 farmers were participated.	
		Shri Soorya Narayan, Programme Executive, All India Radio, Mangaluru		
		Requested to provide details of successful farmers who implemented KVK technology for sharing of their experiences	Contact details of successful farmers who implemented KVK technologies were provided to All India Radio and accordingly they were invited to the AIR Station and covered their innovations and telecasted.	

PART II - DETAILS OF DISTRICT**2.1 Major farming systems/enterprises (based on the analysis made by the KVK)**

S. No	Farming system/enterprise
Cereals	Paddy
Pulses	Black gram, Green gram, Cowpea and Horse gram
Oil Seeds	Sesamum
Vegetables	Brinjal, Bhendi, Cowpea, Ash gourd, Amaranths, Littlegourd, Ridge gourd, Pumpkin, Cucumber, Tapioca, Basella, Amorpophallus, Sweet potato and other vegetables
Fruits	Banana, Pineapple, Sapota, Jackfruit and Mango
Plantation Crops	Arecanut, Coconut, Cashew, Pepper, Rubber, Vanilla and Cocoa
Flower Crops	Jasmine and Crossandra
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 nine Taluks viz., Mangaluru, Bantwal, Belthangady, Puttur, Sullia, Kadaba, Moodabidre, Ullala and Mulki. 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-2024 to December 2024 is 4036.40 mm. This district receives heavy rainfall during the months of June to September. Maximum temperature of 34.06°C was recorded in the month of April-2024 and minimum temperature of 22.67°C was recorded during the month of June-2024. The Average relative humidity was recorded 80.74 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, Mangalore, Ullala and Mulki. 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, Sullia, Moodabidre and Kadaba. 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	7398.00	21116.00	2935 Kg /ha
2.	Arecanut	109669.16	147339.15 (Nuts)	1343 Kg /ha
3.	Coconut	35605.15	4272.47	120 Nuts/ha.
4.	Cocoa	1322.59	675.03	500 Kg /ha
5.	Banana	3669.93	76293.05	2078 Kg /ha
6.	Okra	10.00	76.84	768 Kg /ha
7.	Pepper	18762.88	3752.55	200 Kg /ha
8.	Cashew	11800.52	15579.65	320 Kg./ha.
9.	Jasmine	23.33	126.89	5400 Kg./ha.

* Please provide latest data from authorized sources. Horticulture Department, Z.P. Mangaluru & Statistical Department, Dakshina Kannada (Year: 2022-23)

2.5. Weather data

Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity (%)
		Maximum	Minimum	
January-24	66.37	29.80	22.87	77.44
February-24	0.0	32.13	22.72	70.09
March-24	2.85	32.64	23.90	70.03
April-24	34.23	34.06	24.78	69.44
May-24	253.30	32.74	25.73	77.05
June-24	732.30	29.52	23.20	86.33
July-24	1399.70	28.06	22.67	92.96
August-24	681.89	27.87	23.06	90.76
September-24	421.24	29.06	23.06	85.91
October-24	209.8	30.51	23.35	85.90
November-24	105.54	33.06	23.86	85.55
December-24	129.18	29.58	26.0	77.46
	4036.40			80.74

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

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

Category	Population	Production	Productivity
Cattle			
Crossbred	184157	-	-
Indigenous	66412	-	-
Buffalo	1832	-	-
Sheep			
Crossbred	11	-	-
Indigenous	278	-	-
Goats	32215	-	-
Pigs			
Crossbred	3494	-	-

Indigenous	2865	-	-
Rabbits	977	-	-
Poultry	2595523		
Hens	-	-	-
Desi	-	-	-
Improved	-	-	-
Ducks	-	-	-
Turkey and others	-	-	-

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

* Please provide latest data from authorized sources. Statistical Department, Dakshina Kannada (Year: 2022-23)

2.7 District profile maintained in the KVK has been **Updated** for 2024: 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
1	Mangaluru	Mulki	Kolluru kinnigoli	st 1 Year	Horse gram	- Paddy fields are left fallow in rabi after harvest of Kharif crop. - Underutilization of residual soil moisture	OFT-Assessment of horse gram varieties for rabi season in paddy fallows
2	Mangaluru	Mulki	Kolluru, Paniyadka and Panja	st 1 Year	Paddy	- High incidence of ear head bug during milk filling stage - Chaffy & erect panicle, - Yield loss upto 30 per cent	OFT-Assessment of ear head bug management in paddy
3	Dropped*			st 1 Year	Areca nut	Highly drained soils and loss applied nutrients through leaching and runoff, low NUE, low yield	OFT-Evaluation of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada

4	Puttur	Bettampady	Kakkuru	1 st Year	Fodder	High cost on feed concentrates, Shortage of quality and green fodder during summer, No lime application	OFT-Assessment of fodder quality and its suitability for coastal soils of Dakshina Kannada
5	Bantwala	Bantwala	Loretto, Bantwala	1 st Year	Turmeric	- Low yield in the existing variety (8 q/acre) - No amendments application for acidic soil	OFT-Assessing the performance of Turmeric varieties under coastal zone of Dakshina Kannada district
6	<i>Dropped*</i>			1 st Year	Pineapple	Uneven flowering, harvesting and marketing is difficult	OFT-Effect of Ethrel on Flower Induction in Pineapple
1	Mangaluru	Mangaluru	Kilinjara Mangaluru	2 nd Year	Paddy	Existing red rice variety for uplands is old and alternate varieties are not available	FLD-Demonstration of Sahyadri Brahma red rice variety for upland situation
2	Bantwal	Bantwal	Pachaje huthu, Harekala, Uli	2 nd Year	Paddy	Suitable red rice variety for Midlands (Majalu) not available, lodging of rice at harvest	FLD-Demonstration of Sahyadri Kempumukthi red rice variety for Midland situation
3	Mangaluru	Mangaluru	Balkunja, Kuppepadavu	1 st Year	Paddy	Deficiency of magnesium and sulphur in the soil causes reduction in photosynthetic activity leading to the low yield	FLD-Management of Magnesium sulphate in Coastal Paddy
4	Bantwal	Bantwal	Punacha	1 st Year	Greengram	Paddy fields are left fallow in rabi season and under-utilization of residual soil moisture	FLD-Demonstration of Short duration Greengram Var. IPM 2-14 (Shreya) in paddy fallows during rabi season
5	Puttur	Puttur	Bettampady	1 st Year	Fodder	- Paddy fields are left fallow in rabi season. - Non-inclusion of legume component in fodder. - Shortage of green fodder in rabi and summer season	FLD-Demonstration of Fodder Cowpea Var. MFC-09-01 for paddy fallows

6	Bantwal	Bantwal	Vamadapadavu	1 st Year	Areca nut	High soil acidity, unavailability of applied nutrients, phosphate fixation in soils, less application of potash than recommendation.	FLD-Management of soil acidity through Dolomite in Areca nut crop at coastal soils of Dakshina Kannada
7	Puttur	Puttur	Mundooru Puttur	1 st Year	Areca nut	- High incidence of inflorescence die back disease (60 % of yield loss)	FLD -Management of inflorescence die back and button shedding in arecanut
8	Belthangady	Belthangady	Hosangady Belthangady	2 nd Year	Arecanut	Low yield and high incidence of leaf spot disease (upto 60-70 % of yield loss)	FLD -Integrated management of leaf spot in arecanut
9	Puttur	Puttur	Bettampady	1 st Year	Areca nut	High soil acidity, imbalanced nutrition, micro nutrient deficiencies, low yield and income phosphate fixation in soils.	FLD -Demonstration of Kalpa Poshak in Coconut cultivation at coastal soils of Dakshina Kannada
10	Mangaluru	Mangaluru	Kilpady Mangaluru	1 st Year	Coconut	- Low nut yield due to high incidence of stem bleeding - Imbalanced or non application of RDFs	FLD -Integrated management of stem bleeding in coconut
11	Belthangady	Belthangady	Hosangady, Belthangady	1 st Year	Cocoa	Pruning is an important operation in Cocoa cultivation, since it is grown as an intercrop in arecanut which necessitated reduction of size of tree and canopy architecturing to induce flowering and efficient fruiting	FLD -Demonstration of pruning to induce flowering and efficient fruiting in Cocoa
12	Mangaluru	Mangaluru	Harekala Mangaluru	2 nd Year	Jasmine	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Integrated Crop Management in Udupi Jasmine

13	Mangaluru	Mangaluru	Harekela Mangaluru	2 nd Year	Yard Long bean	The crop is being growing in about 23.5 ha area and found Low yield in the existing variety	Demonstration of high yielding Yard Long bean variety Arka Mangala
14	Belthangady	Belthangady	Nittade Belthangady	2 nd Year	Okra	- Low yield due to improper nutrient management - Yield loss up to 50% due to high incidence of Yellow vein Mosaic	Integrated Crop Management in Okra
15	Belthangady	Belthangady	Badakodi, Belthangady	1 st Year	Ridge gourd	The crop is being grown in about 13.6 ha area and found Low yield in the existing variety	Demonstration of Ridge gourd (Variety- Arka Prasanna)
16	Bantwal	Bantwal	Vamadapadv Bantwal	2 nd Year	Cows	Non availability of timely artificial insemination in remote areas. Imbalanced Nutrition, Deficiency of Major and Minor Minerals result in Low Conception Rate, Repeat Breeding and Infertility	Ovsynch/GPG Protocol for Repeat Breeding and Infertility management in cross breed Cows
17	Mangaluru	Mangaluru	Vamanjoor Mangaluru	2 nd Year	Piglet	Good care and management in the farrowing quarters has a major influence on the number of liveborn piglets that are weaned by reducing piglet mortality	Integrated piglet management
18	Puttur	Puttur	Bettampady, Puttur	1 st Year	Goat	Lower Meat Yield due to imbalanced nutrition and incidence of Bacterial, Viral and Parasitic Disease	Strategies for Optimizing Production in Goat Farming
19	-	-	Bird supplier not ready to supply small number of birds	1 st Year	Poultry	Lower egg production of Local birds and lower income.	Popularization of BV-380 poultry birds for high Egg production in Dakshina Kannada
20	Puttur	Puttur	Bettampady, Puttur	1 st Year	Fodder	High cost of concentrates, Shortage of green fodder during summer season	Popularization of Perennial Green Fodder CoFS-31 to alleviate green fodder scarcity in Dakshina Kannada

21	Moodabidre	Moodabidre	Kavu, Sarapady, Panapila, Beluvai, ICAR, KVK Demonstration plot	1 st Year	Fisheries	Non-availability of High-value, High demand species which can fetch high price in the local market	Production improvement by GIFT Tilapia culture
22	Moodabidre	Moodabidre	Panapila, Kalladka Beluvai, Kuriya,	2 nd Year	Fisheries	Less production in local strain, early maturity and breeding. Less marketable size impact on price and production	“Popularisation of Murrel culture in coastal farm ponds”

2.9 Priority thrust areas

S. No	Thrust area
1	Integrated Farming System
2	Soil and water conservation
3	Acid soil Management and Promotion of soil amendments
4	Integrated Nutrient Management
5	Introduction of High Yielding Varieties and Hybrids
6	Integrated Pest and Disease Management
7	Integrated Crop Management
9	Introduction of Green manure crop
10	Recycling of organic wastes with advanced composting technologies
11	Agro processing and Value Addition
12	Employment generation activities like Beekeeping, quality seed production, composting and vermicomposting
13	Fish Culture in Farm Ponds

PART III - TECHNICAL ACHIEVEMENTS**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	02	30	10	22	17	178	124

Training (Farmers/farm women)				Training (Rural youth)			
3				4			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
100	104	4500	4222	01	01	01	20

Training (Extension personnel)				Training (sponsored)			
5				6			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
06	06	225	221	01	01	50	50

Training (Vocational)				Extension Programmes			
7				8			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
01	01	28	28	4100	4064	14000	13942

Seed Production (Q)		Planting material (Nos.)	
9		10	
Target	Achievement	Target	Achievement
16	14.60	100	-

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
11		12	
Target	Achievement	Target	Achievement
1000 poultry	896	100	103
Soil, water, plant and manure analysis (including mobile kits)		Mobile agro advisories provided	

13				14			
Samples (No.)		Farmers (No.)		Messages including text, voice (No.)		Farmers (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
-	-	-	-	1000	909	50000	45369

OFT				FLD			
1				2			
OFTs (No.)		Farmers (No.)		FLDs (No.)		Farmers (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
6	4	30	20	22	17	178	124

3.B1. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterpri e	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
1	ICM	Horse gram	Paddy fields are left fallow in rabi after harvest of Kharif crop. Underutilization of residual soil moisture	Assessment of horse gram varieties for rabi season in paddy fallows	To be implemented in summer after harvest of Rabi paddy crop.				Field Visit: Method Demo.: Field day:	40.0 kg	-	-		Rhizobium 5.0 litres
2	IPM	Paddy	High incidence of ear head bug during milk filling stage Chaffy & erect panicle, Yield loss upto 30 per cent	Assessment of ear head bug management in paddy	-	2	-	-	3	-	-	-	5	5 litre Neem oil

3	NUE	Areca nut	Highly drained soils and loss of applied nutrients through leaching and runoff, low NUE, low yield	Evaluation of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada	Dropped									
4	INM	Fodder	High cost on feed concentrates, Shortage of quality and green fodder during summer, No lime application	Assessment of fodder quality and its suitability for coastal soils of Dakshina Kannada	-				Field Visit: 01 Method Demo.:05 Field day:					
5	ICM	Turmeric	Low yield in the existing variety (8 q/acre) No amendments application for acidic soil	Assessing the performance of Turmeric varieties under coastal zone of Dakshina Kannada district	-	2			Field Visit: 3 Method Demo.:2 Field day:	-	150 kg Rhizomes	-	-	-
6	ICM	Pineapple	Uneven flowering, harvesting and marketing is difficult	Effect of Ethrel on Flower Induction in Pineapple	<i>Dropped due to budget constraints</i>									
7	ICM	Paddy	Existing red rice variety for uplands is old and alternate varieties are not available	-	Demonstration of Sahyadri Brahma red rice variety for upland situation	01	-	-	Field Visit: 02 Method Demo.:01 Field day:01	250 kg seeds	-	-	-	Azospirillum 5.0 litres

8	ICM	Paddy	Suitable red rice variety for Midlands (Majalu) not available, lodging of rice at harvest	-	Demonstration of Sahyadri Kempumukthi red rice variety for Midland situation	01	-	-	Field Visit: 02 Method Demo.: Field day:01	250 kg seeds	-	-	-	Azospirillum 5.0 litres
9	ICM	Paddy	Deficiency of magnesium and sulphur in the soil causes reduction in photosynthetic activity leading to the low yield	-	Management of Magnesium sulphate in Coastal Paddy	-	02	-	Field Visit: 4 Method Demo.:1	250 kg seeds	-	-	-	Azospirillum 10 Kg. Decomposer 10 Kg.
10	ICM	Greengram	Paddy fields are left fallow in rabi season and under-utilization of residual soil moisture	-	Demonstration of Short duration Greengram Var. IPM 2-14 (Shreya) in paddy fallows during rabi season	To be implemented in summer after harvest of Rabi paddy crop.			Field Visit: 1 Method Demo.: Field day:-	25 kg	-	-	-	Rhizobium 5.0 litres
11	ICM	Fodder	Paddy fields are left fallow in rabi season. Non inclusion of legume component in fodder. Shortage of green fodder in rabi and summer season	-	Demonstration of Fodder Cowpea Var. MFC-09-01 for paddy fallows	01	0	0	Field Visit: 1 Method Demo.: Field day:-	10 kg	-	-	-	Rhizobium 5.0 litres
12	Management of Problematic soils	Areca nut	High soil acidity, unavailability of applied nutrients, phosphate fixation in soils, less application of potash than recommendation.	-	Management of soil acidity through Dolomite in Areca nut crop at coastal soils of Dakshina Kannada	01	0	0	Field Visit: 2 Method Demo.:2	-	-	-	-	-
13	IDM	Areca nut	High incidence of inflorescence die back disease (60 % of yield loss)	-	Management of inflorescence die back and button shedding in arecanut	01	-	-	4	-	-	-	-	10 kg Trichoderma 500 kg neem cake

14	IDM	Arecanut	Low yield and high incidence of leaf spot disease (upto 60-70 % of yield loss)	-	Integrated management of leaf spot in arecanut	01	-	-	4	-	-	-	-	20 kg Trichoderma
15	ICM	Areca nut	High soil acidity, imbalanced nutrition, micro nutrient deficiencies, low yield and income phosphate fixation in soils.	-	Popularization of Kalpa Poshak in Coconut cultivation at coastal soils of Dakshina Kannada	01	-	-	Field Visit: 1 Method Demo.:1	-	-	-	-	-
16	IDM	Coconut	Low nut yield due to high incidence of stem bleeding Imbalanced or non application of RDFs	-	Integrated management of stem bleeding in coconut	01	-	-	4	-	-	-	-	500 kg Neem cake 20 kg Trichoderma
17	ICM	Cocoa	Pruning is an important operation in Cocoa cultivation, since it is grown as an intercrop in arecanut which necessitated reduction of size of tree and canopy architecturing to induce flowering and efficient fruiting	-	Demonstration of pruning to induce flowering and efficient fruiting in Cocoa	01	-	-	Field Visit: 3 Method Demo.:3 Field day:-	-	-	-	3	Lime 15 Kg Copper Sulphate 15 Kg
18	ICM	Jasmine	Pruning techniques not followed low yield during off season and high incidence of sucking pests	-	Integrated Crop Management in Udupi Jasmine	01			Field Visit: 3 Method Demo.:3 Field day:-	-	-	-	5	200 Kg Neem cake
19	ICM	Yard Long bean	The crop is being grown in about 23.5 ha area and found low yield in the existing variety	-	Demonstration of high yielding Yard Long bean (Variety- Arka Mangala)	01			Field Visit: 3 Method Demo.:2 Field day:2	Arka Mangala 3 Kg seeds	-	-	5	50 kg Arka Microbial Consortia 1.25 lit Neem oil Arka Veg. special-10Kg

20	ICM	Okra	Low yield due to improper nutrient management Yield loss up to 50% due to high incidence of Yellow Vein Mosaic	-	Integrated Crop Management in Okra	01			Field Visit: 3 Method Demo.:2 Field day:1	Halu Bhendi Seeds 02 Kg	-	-	5	50 kg Arka Microbial Consortia 1.25 lit Neem oil Arka Veg. Special 05 Kg
21	ICM	Ridge gourd	The crop is being grown in about 13.6 ha area and found Low yield in the existing variety	-	Demonstration of Ridge gourd (Variety: Arka Prasanna)	01			Field Visit: 3 Method Demo.:2 Field day:1	Arka Prasanna Seeds 02 Kg	-	-	5	100 kg Arka Microbial Consortia 1.25 lit Neem oil Arka Veg. special 05 Kg
22	livestock	Cows	Non availability of timely artificial insemination in remote areas. Imbalanced Nutrition, Deficiency of Major and Minor Minerals result in Low Conception Rate, Repeat Breeding and Infertility	-	Ovsynch/GPG Protocol for Repeat Breeding and Infertility management in cross breed Cows	Dropped due to budget constraints								
23	livestock	Piglet	Good care and management in the farrowing quarters has a major influence on the number of liveborn piglets that are weaned by reducing piglet mortality	-	Integrated piglet management	Dropped due to budget constraints								
24	livestock	Goat	Lower Meat Yield due to Imbalanced Nutrition and Incidence of Bacterial, Viral and Parasitic Disease	-	Strategies for Optimizing Production in Goat Farming	01	-	-	Field Visit: 2	-	-	-	-	-

25	livestock	Poultry	Lower egg production of Local birds and lower income.	-	Popularization of BV-380 poultry birds for high Egg production in Dakshina Kannada	01	-	-	Field Visit:1	-	-	-	-	-
26	livestock	Fodder	High cost of concentrates, Shortage of green fodder during summer season	-	Popularization of Perennial Green Fodder CoFS-31 to alleviate green fodder scarcity in Dakshina Kannada	01	-	-	Field Visit:1	-	-	-	-	-
27	Fisheries	Fisheries	Non-availability of High-value, High demand species which can fetch high price in the local market	-	Production improvement by GIFT Tilapia culture	01	01	-	Field Visit:1	-	-	-	-	-
28	Fisheries	Fisheries	Less production in local strain, early maturity and breeding. Less marketable size impact on price and production	-	Popularisation of Murrel culture in coastal farm ponds.	01	01	-	Field Visit:1	-	-	-	-	-

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1	Assessment of horse gram varieties for rabi season in paddy fallows	UAS Bengaluru IIPR-Kanpur	Horse gram	1	-	-	-
2	Assessment of ear head bug management in paddy	UAS Bengaluru NRRRI Cuttack KAU Thrissur	Paddy	1	-	1	Field Visit:3 Method Demonstration: 2 Popular Article: 1

3	Assessment of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada	KSNUAHS, Shivamogga CPCRI, Kasargod	Areca nut	-	-	-	Dropped
4	Assessment of fodder quality and its suitability for coastal soils of Dakshina Kannada	TNAU IGFRI	Fodder	01	-	-	Field Visit:1
5	Assessing the performance of Turmeric varieties under coastal zone of Dakshina Kannada district	RPCAU, Pusa, Bihar - Rajendra Sonia IISR, Calicut-IISR Pragati IISR, Calicut- Sudarshana	Turmeric	1	-	1	Field Visit:3
6	Effect of Ethrel on Flower Induction in Pineapple	UHS, Bagalkot KAU, Pineapple Research station, Vazhakulam	Pineapple	Dropped due to budget constraints			
7	Demonstration of Sahyadri Brahma red rice variety for upland situation	KSNUAHS, Shivamogga	Paddy	-	1	1	Field Visit:2 Field Day: 1
8	Demonstration of Sahyadri Kempumukthi red rice variety for Midland situation	KSNUAHS, Shivamogga	Paddy	-	1	1	Field Visit:1 Method Demonstration: 1
9	Management of Magnesium sulphate in Coastal Paddy	UAHS Shivamogga	Paddy	-	1	2	Field Visit:3 Method Demonstration: 10
10	Demonstration of Short duration Greengram (Var. BGS-9) in paddy fallows during rabi season	UAS Raichur	Greengram	-	-	-	To be implemented during Summer
11	Demonstration of Fodder Cowpea (Var. MFC-09-01) for paddy fallows	UAS Bengaluru	Fodder	-	1	1	CDP: 01 Field Visit:1
12	Management of soil acidity through Dolomite in Areca nut crop at coastal soils of Dakshina Kannada	KSNUAHS, Shivamogga	Areca nut	-	1	2	Field Visit:2 Method Demonstration: 10
13	Management of inflorescence die back and button shedding in arecanut	CPCRI Kasaragod	Areca nut	-	1	1	Field Visit:2 Method Demonstration: 2 Popular Article: 1
14	Integrated management of leaf spot in arecanut	CPCRI Kasaragod	Arecanut	-	1	1	Field Visit:3 Method Demonstration: 2 Popular Article: 1
15	Popularization of Kalpa Poshak in Coconut cultivation at coastal soils of Dakshina Kannada	CPCRI, Kasargod	Areca nut	-	1	1	Field Visit:1 Method Demonstration: 1
16	Integrated management of stem bleeding in coconut	CPCRI Kasaragod	Coconut	-	1	1	Field visit:3 Method Demonstration: 3

17	Demonstration of pruning to induce flowering and efficient fruiting in Cocoa	ICAR-CPCRI, Kasargod	Cocoa	-	1	1	Field Visit:3 Method Demonstration: 2 Popular Article: 1
18	Integrated Crop Management in Udupi Jasmine	TNAU, Coimbatore	Jasmine	-	1	1	Field Visit:3 Method Demonstration: 3
19	Demonstration of high yielding Yard Long bean (Variety Arka Mangala)	ICAR-IIHR, Bengaluru	Yard Long bean	-	1	1	Field Visit:3 Method Demonstration: 2 Field Day: 1
20	Integrated Crop Management in Okra	ICAR-IIHR, Bengaluru	Okra	-	1	1	Field Visit:3 Method Demonstration: 2 Field Day: 1
21	Demonstration of Ridge gourd (Variety -Arka Prasanna)	ICAR-IIHR, Bengaluru	Ridge gourd	-	1	1	Field visit:3 Method Demonstration: 2 Field day: 1
22	Ovsynch/GPG Protocol for Repeat Breeding and Infertility management in cross breed Cows	KVAFSU, Bidar	Cows	-	-	-	Dropped due to budget constraints
23	Integrated piglet management	KVAFSU, Bidar	Piglet	-	-	-	Dropped due to budget constraints
24	Strategies for optimizing production in Goat Farming	NIANP, Bengaluru	Goat		1	1	Field visit:1
25	Popularization of BV-380 poultry birds for high egg production in Dakshina Kannada	TANUVAS, TN	Poultry	-	-	-	Bird supplier not ready to supply small number of birds
26	Popularization of Perennial Green Fodder (Var- CoFS-31) to alleviate green fodder scarcity in Dakshina Kannada	TNAU, TN	Fodder	-	1	1	Field Visit:1
27	Production improvement by GIFT Tilapia culture	CIFA, Bhubaneshwar	Fisheries	-	1	1	Field Visit:3 Method Demonstration: 1
28	Popularisation of Murrel culture in coastal farm ponds.	RGCA, Tamil Nadu	Fisheries	-	1	1	Field Visit:3 Method Demonstration: 1

3.B2 contd..

[illegible]

4																
5	5	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0	0	0	0	09	01	0	0	14	01	01	00	0	0	0	0
8	0	0	0	0	10	0	0	0	14	0	0	0	0	0	0	0
9	0	0	0	0	0	0	03	01	0	0	10	11	0	0	0	0
10	0	0	0	0	0	0	04	01	0	0	08	11	0	0	0	0
11																
12																
13	-	-	-	-	7	-	3	-	10	3	5	1	10	3	5	1
14	-	-	-	-	10	-	-	-	13	-	-	-	13	-	-	-
15																
16	-	-	-	-	10	-	-	-	12	-	-	-	12	-	-	-
17	-	-	-	-	03	-	-	-	17	-	01	-	-	-	-	-
18	-	-	-	-	02	03	-	-	02	07	-	01	-	-	-	-
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20	-	-	-	-	5	-	-	-	5	-	-	-	10	2-	2	-
21	-	-	-	-	5	-	--	-	15	-	-	-	16	8	1	-
22	-	-	-	--	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	--	-	-	-
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26	-	-	-	-	-	-	5	5	0	0	10	10	0	0	0	0
27	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	4	1	-	-	4	1	-	-	-	-	-	-

PART IV - On Farm Trial

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

[illegible]

Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest and Disease Management	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	01	-	-	-	-	-	-	-	-	-	01
Natural Farming	-	-	-	-	-	-	-	-	-	-	-
Organic cultivation	-	-	-	-	-	-	-	-	-	-	-
Plasticulture	-	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-
Protected Cultivation	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-	-
Soil health management	-	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-	-
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	01	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-	01
Others, pl. specify	-	-	-	-	-	-	-	-	-	-	-
Total	01	-	01	-	-	--	-	03	-	01	06

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	Spice / Medicinal crops	TOTAL
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-
Varietal Evaluation	-	-	01	-	-	-	-	-	-	-	01
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	03	-	01	01	-	-	05
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		03		01	01	-	-	06

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

Thematic areas	Cattle	Poultry	Piggery	Rabbit	Fisheries	TOTAL
Animal Health management	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-
Dairy Management	-	-	-	-	-	-
Animal Disease Management	-	-	-	-	-	-
Evaluation of Breeds	-	-	-	-	-	-
Feed and Fodder management	-	-	-	-	-	-
Fish Production	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

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

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technologies	No. of Technological options tested in each OFT	No. of trials	Number of farmers / locations	Area in ha (Per trial covering all Technological Options in a farm)
Bee Keeping	-	-	-	-	-	-

	-	-	-	-	-	-
Biological control	-	-	-	-	-	-
	-	-	-	-	-	-
Canopy Management	-	-	-	-	-	-
	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-
	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-
	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-
	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-
	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-
	-	-	-	-	-	-
Farm Machineries	-	-	-	-	-	-
	-	-	-	-	-	-
Fertigation Technique	Pineapple	Effect of Ethrel on Flower Induction in Pineapple	Dropped			
	Areca nut	Assessment of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada	Dropped			
Fodder and Nursery raising	Fodder	Assessment of fodder quality and its suitability for coastal soils of Dakshina Kannada	-	-	-	-
	-	-	-	-	-	-
High Density Planting	-	-	-	-	-	-
	-	-	-	-	-	-
Integrated Crop Management	Turmeric	Assessing the performance of Turmeric varieties under coastal zone of Dakshina Kannada district	03	05	05	0.2ha
	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-
	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-
	-	-	-	-	-	-
Integrated Nutrient Management	Areca nut	Assessment of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada	Dropped			
	-	-	-	-	-	-
Integrated Pest and Disease Management	-	-	-	-	-	-

	-	-	-	-	-	-
Integrated Pest Management	Paddy	Assessment of ear head bug management in paddy	03	05	05	01
	-	-	-	-	-	-
Natural Farming	-	-	-	-	-	-
	-	-	-	-	-	-
Organic cultivation	-	-	-	-	-	-
	-	-	-	-	-	-
Plasticulture	-	-	-	-	-	-
	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-
	-	-	-	-	-	-
Protected Cultivation	-	-	-	-	-	-
	-	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-	-
	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-
	-	-	-	-	-	-
Soil health management	-	-	-	-	-	-
	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-
	-	-	-	-	-	-
Varietal Evaluation	Horse gram	Assessment of horsegram varieties for paddy fallows	02	05	05	1.0 ha
	-	-	-	-	-	-
Water management	-	-	-	-	-	-
	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-
	-	-	-	-	-	-
Total			08	15	15	2.02

4.B.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technologies	No. of Technological options tested in each OFT	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	-	-	-	-	-	-
	-	-	-	-	-	-
Post Harvest Technology/Value addition	-	-	-	-	-	-
	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-
	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-
	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-
	-	-	-	-	-	-

Cropping Systems	-	-	-	-	-	-
Farm Mechanization	-	-	-	-	-	-
Others, Pl specify	-	-	-	-	-	-
Total	-	-	-	-	-	-

4.B.3. Technologies assessed under Livestock : Nil

Thematic areas	Name of the livestock	Name of the technologies	No. of Technological options tested in each OFT	No. of trials	No. of farmers/locations
Animal Health management	-	-	-	-	-
	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-
	-	-	-	-	-
Composite fish culture	-	-	-	-	-
	-	-	-	-	-
Dairy Management	-	-	-	-	-
	-	-	-	-	-
Animal Disease Management	-	-	-	-	-
	-	-	-	-	-
Evaluation of Breeds	-	-	-	-	-
	-	-	-	-	-
Feed and Fodder management	-	-	-	-	-
	-	-	-	-	-
Fish Production	-	-	-	-	-
	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-
	-	-	-	-	-
Processing and value addition	-	-	-	-	-
	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-
	-	-	-	-	-
Others, pl. specify	-	-	-	-	-
Total					

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

Thematic areas	Name of the livestock	Name of the technologies	No. of Technological options tested in each OFT	No. of trials	No. of farmers/locations
Evaluation of breeds	-	-	-	-	-
	-	-	-	-	-
Nutrition management	-	-	-	-	-
	-	-	-	-	-
Disease management	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Processing and Value addition	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Production and management	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Feed and fodder management	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Small scale income generating enterprises	-	-	-	-	-
	-	-	-	-	-
Others, pl. specify	-	-	-	-	-
Total	-	-	-	-	-

4.B.5. Technologies assessed under various enterprises by KVKs

Sl.	Thematic areas	Name of the enterprise	Name of technology(s)	No. of Technological options tested in each OFT	No. of trials	No. of locations
1	Agroforestry management	-	-	-	-	-
		-	-	-	-	-
2	Bee keeping	-	-	-	-	-
		-	-	-	-	-
3	Crop residue management	-	-	-	-	-
		-	-	-	-	-

4	Drudgery reduction	-	-	-	-	-
		-	-	-	-	-
5	Energy conservation	-	-	-	-	-
		-	-	-	-	-
6	Entrepreneurship Development	-	-	-	-	-
		-	-	-	-	-
7	Fish seed production	-	-	-	-	-
		-	-	-	-	-
8	Household food security	-	-	-	-	-
		-	-	-	-	-
9	Information and Communication Technology (ICT)	-	-	-	-	-
		-	-	-	-	-
10	Integrated Farming system	-	-	-	-	-
		-	-	-	-	-
11	Mechanization	-	-	-	-	-
		-	-	-	-	-
12	Mushroom Cultivation	-	-	-	-	-
		-	-	-	-	-
13	Nursery raising	-	-	-	-	-
		-	-	-	-	-
14	Organic farming	-	-	-	-	-
		-	-	-	-	-
15	Post Harvest Management	-	-	-	-	-
		-	-	-	-	-
16	Livestock Production and Management	-	-	-	-	-
		-	-	-	-	-
17	Processing and value addition	-	-	-	-	-
		-	-	-	-	-
18	Resource conservation technology	-	-	-	-	-
		-	-	-	-	-

19	Small-scale income generation	-	-	-	-	-
		-	-	-	-	-
20	Storage techniques	-	-	-	-	-
		-	-	-	-	-
21	Vermicomposting	-	-	-	-	-
		-	-	-	-	-
	Others, pl. specify	-	-	-	-	-

4.B.6.Technologies assessed under various enterprises for women empowerment

	Thematic areas	Name of enterprise	Name of technology(s)	No. of Technological options tested in each OFT	No. of trials	No. of locations
1	Drudgery Reduction	-	-	-	-	-
		-	-	-	-	-
2	Entrepreneurship Development	-	-	-	-	-
		-	-	-	-	-
3	Health and Nutrition	-	-	-	-	-
		-	-	-	-	-
4	Kitchen / Nutrition Gardening	-	-	-	-	-
		-	-	-	-	-
5	Storage Technique	-	-	-	-	-
		-	-	-	-	-
6	Value Addition	-	-	-	-	-
		-	-	-	-	-
7	Women and child care	-	-	-	-	-
		-	-	-	-	-
8	Women Empowerment	-	-	-	-	-
	Others, pl. specify	-	-	-	-	-

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observation s 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
Horse gram	Rabi/ 2024-25	Paddy fields are left fallow in rabi after harvest of Kharif crop. Underutilizatio n of residual soil moisture	Assessme nt of Horse gram varieties for rabi season in paddy fallows	05	T.O.1 Paddy fields are left fallow in rabi season after kharif crop	Farmers Practice	To be implemented in Summer After harvest of paddy crop					
					T.O.2: Horse gram variety PHG-9 (100-105 days) tolerant to YVM Virus, RDF 25:37.5:25 kg NPK/ha Protective irrigation at critical stages of crop growth. Plant protection based on ETL	UAS Bengaluru						
					T.O.3: Horse gram CRHG-19R variety tolerant to PM,brown seeded and non shattering type. Maturity 85-90 days. RDF 20:40:0 kg NPK/ha. Protective irrigation at critical stages of crop growth. Plant protection based on ETL	ICAR-CRIDA Hyderabad						
Paddy	Kharif	Ear head bug	Assessme nt of ear head bug manageme nt in paddy	5	T.O.1: (Farmers practice): Untimely and injudicious use of pesticides (Malathion dusting)	Farmers Practice	22.13	q/ha	13.02 bugs/ 10hills	56330	27439	1:1.95
					T.O.2 Foliar spray of fipronil 5% SC @ 2 ml L-1 during milk filling stage (ETL 1-2 bugs per plant) (spraying should be done before 9 am & after 3 pm	UAS Bengaluru	32.26	q/ha	2.52 bugs/ 10hills	79844	46745	1:2.41
					T.O.3 Foliar application of imidacloprid 06 % + lambda-cyhalothrin 04 % SL @ 0.6 ml L-1. (should be done uniformly during morning hours)	NRRI Cuttack	34.78	q/ha	1.18 bugs/ 10hills	85693	53095	1:2.63
					T O 4. Keeping field and buds free from weeds and grasses Azadirachtin 0.03% EC @ 5 ml L-1 during milky stage	KAU Thrissur	28.16	q/ha	5.90 bugs/ 10hills	70323	37601	1:2.15
Areca nut	Rabi 2024-25	Highly drained soils and loss applied nutrients through leaching and	Assessme nt of fertilizer applicatio n methods on growth	5	T.O.1:Application of NPK complex fertilizers, Suphala less/no application of lime/soil amendments	Farmers Practice	Dropped					
					T.O.2: RDF: 100:40:140	KSNUAHS,						

		runoff, low NUE, low yield	and yield of Areca nut in coastal soils of Dakshina Kannada		(150:60:210 for improved varieties) NPK g/palm soil application (50% RDF each in June & September), Boron @ 2g/l, Soil test based Dolomite (@ 500 g/palm) and FYM-12 kg/palm during August – September.	Shivamogga	
					T.O.3:Fertigation of 75% NPK at 10 days interval in a total of 7 applications +POP	CPCRI, Kasargod	
					T.O.4:Fertigation of 75% NPK through fertigation at 20 days interval in a total of 7 applications +POP	CPCRI, Kasargod	
Fodder	Rabi 2024-25	High cost on feed concentrates, Shortage of quality and green fodder during summer, No lime application	Assessment of Fodder quality and its suitability for coastal soils of Dakshina Kannada	05	T.O.1: Application of cow dung slurry, No application of NPK fertilizers and soil amendments T.O.2: COFS-31 RDF: 45:40:40 NPK kg/ha basal soil application, Top dressing: 45 kg/ha N at 30 days after sowing After each harvest, apply 45 kg N/ha as basal. After first year apply 45:40:40 kg NPK/ha, First weeding on 25-30 DAS. There after based on necessity. Irrigation : Once in 7-10 days depending upon soil condition. First harvest at 75-80 days after sowing and subsequent harvests once in 50 days, 190 t/ha/year in 6-7 harvests, Seed rate 5 kg/ha, Spacing: 30x15 cm (Sow on both sides of ridge) + soil test based lime application T.O.3: Dharwad Guinea grass 1, Seed rate: 1-1.5 kg/acre, 8-10 tons FYM/acre, NPK 3:10:10 kg/acre, Spacing 45-50 cm between row and plants + + soil test based lime application	Farmers Practice TNAU IGFRI	To be implemented
Turmeric	Kharif 2024	Low yield in the existing	Assessing the	05	T.O.1: Local variety	Farmers Practice	Under progress

		variety (8 q/acre) No amendments application for acidic soil	performance of Turmeric varieties under coastal zone of Dakshina Kannada district		T.O.2: Rajendra Sonia	RPCAU, Pusa, Bihar	
					T.O.3: IISR Prathibha	IISR, Calicut	
					T.O.4: Alleppey supreme	IISR, Calicut	
Pineapple	Rabi/2024	Uneven flowering, harvesting and marketing is difficult	Effect of Ethrel on Flower Induction in Pineapple	05	T.O.1: No spray	Farmers practice	Dropped due to budget constraint
					T.O.2: For inducement of uniform flowering, apply 25 ppm ethephon (2-chloro ethyl phosphonic acid) in aqueous solution containing 2% urea & 0.04 % sodium carbonate	UHS, Bagalkot	
					T.O.3: For inducement of uniform flowering, apply 25 ppm ethephon (2-chloro ethyl phosphonic acid) in aqueous solution containing 2% urea and 0.04% calcium carbonate	KAU, Pineapple Research station, Vazhakulam	

4. C2. Feedback on technologies assessed

Name of technology assessed	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
Assessment of Horsegram varieties for rabi season in paddy fallows	YMV resistant Protein source	Land holdings are small irrigation facilities are scarce in summer as well as diversion of irrigation water for arecanut cultivation.
Assessment of ear head bug management in paddy	In technology option 2 ie Foliar application of imidacloprid 06 % + lambda-cyhalothrin 04 % SL @ 0.6 ml L-1 found higher yield and reduced incidence of ear head bug	-
Assessment of fertilizer application methods on growth and yield of Areca nut in coastal soils of Dakshina Kannada	Dropped	
Assessment of Fodder quality and its suitability for coastal soils of Dakshina Kannada	To be implemented	-
Assessing the performance of Turmeric varieties under coastal zone of Dakshina Kannada district	TO1: Dwarf in nature, resistant against leaf spot & leaf blotch disease TO2: Plumpy and bold rhizomes with fiber content. TO3: Tolerance to leaf blotch disease	-
Effect of Ethrel on Flower Induction in Pineapple	-	-

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

1. Title of Technology Assessed
2. Performance of the Technology on specific indicators
3. Specific Feedback from farmers

4. Specific Feedback from Extension personnel and other stakeholders
5. Feedback to Research System based on results and feedback received
6. Feedback on usefulness and constraints of technology

4.D1. Results of Technologies Refined

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

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

[illegible]

Crop name	Name of the technology demonstrated	Variety	Thematic Area	No. of Demo.	Area (ha)	Yield (q/ha)		% Increase	Economics of demonstration (Rs./ha)				Economics of Check (Rs./ha)			
						Demo	Check		COC	Gross Return	Net Return	BCR	COC	Gross Return	Net Return	BCR
Paddy	Demonstration of Sahyadri Brahma red rice variety for upland situation	Sahyadri Brahma	Crop production	10	04	52	46	12	60000	120645	57845	2.01	60000	111000	51000	1.85
Paddy	Demonstration of Sahyadri Kempumukthi red rice variety for Midland situation	Sahyadri Kempumukthi	Crop production	10	04	Under progress										
Paddy	Management of Magnesium sulphate in Coastal Paddy	Sahyadri Brahma	INM	10	2	77.4	34.7	129.7	52160	228020	175460	3.36	38425	127510	89085	2.31
Green gram	Demonstration of Short duration Green gram (Var. IPM 2-14 (Shreya) in paddy fallows during rabi season	To be implemented during summer														

Fodder	Demonstration of Fodder Cowpea(Var. MFC-09-01) for paddy fallows	MFC-09-01	Crop production	05	0.4	Under progress
Arecanut	Management of soil acidity through Dolomite in Areca nut crop at coastal soils of Dakshina Kannada	Mangala & Sumangala	Management of Problematic soil	10	2.0	Under progress (Implemented during October)
Areca nut	Management of inflorescence die back and button shedding in arecanut	Mangala	IDM	10	1	Under progress
Arecanut	Integrated management of leaf spot in arecanut	Mangala	IDM	10	1	Under progress
Coconut	Popularization of Kalpa Poshak in Coconut cultivation at coastal soils of Dakshina Kannada	WCT	INM	10	2	Under progress(Implemented during December)
Coconut	Integrated management of stem bleeding in coconut	WCT	IDM	10	5	Under progress
Cocoa	Demonstration of pruning to induce flowering and efficient fruiting in Cocoa	Local	ICM	03	01	Under progress
Jasmine	Integrated Crop Management in Udupi Jasmine	Udupi Jasmine	ICM	05	0.2	Under progress

Yard Long bean	Demonstration of high yielding Yard Long bean (Variety Arka Mangala)	Arka Mangala	ICM	05	01	204.25	115	48.48	1,11,925	7,69,500	6,57,575	5.25	1,06,480	3,60,000	2,53,520	3.02
Okra	Integrated Crop Management in Okra	White Velvet	ICM	05	01	140.2	82.60	45.72	1,72,749	5,24,650	3,51,901	3.04	1,21,324	3,09,050	2,10,638	2.05
Ridge gourd	Demonstration of Ridge gourd (Variety Arka Prasanna)	Arka Prasanna	ICM	05	01	226.13	186.50	21.24	91250	203517	112267	2.23	89654	1678507	78196	1.87

* 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 in weed/pest/diseases etc.)

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

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
Management of Magnesium sulphate in Coastal Paddy	Availability of magnesium and sulphur in deficit soils boosts yield	No awareness among the farming community about usefulness of magnesium
Management of soil acidity through Dolomite in Areca nut crop at coastal soils of Dakshina Kannada	Improves Nutrient use efficiency	No awareness among the farming community about usefulness of Dolomite

5. B 2. Data on IFS demonstrations including KVK farm demo model

Name of the IFS technology demonstrated	Name of IFS Components				Total Area (ha)	IFS Yield (q/ha)				Check yield (Mono crop)	% Increase over check	Economics of IFS demonstration (Rs./ha)			Economics of check demonstration (Rs./ha)		
	1	2	3	4		Component wise (Mention name of component and yield parameter)											
												Gross Return	Net Return	BCR	Gross Return	Net Return	BCR
						1	2	3	4								
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Feedback on IFS technologies demonstrated

[illegible]

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

** BCR= Gross Return/Gross Cost

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

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

5. B 4. Feedback on livestock technologies demonstrated

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	No. of Units	Total No of fingerlings	Name of the parameter with unit	Major parameters		% Increase	*Economics of demonstration Rs./unit)			*Economics of check (Rs./unit)		
							Demo	Check		Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
Common carps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	Production improvement by GIFT Tilapia culture	GIFT Tilapia	05	05	100000	q./ha.	Under Progress Training programme is organized and critical inputs of fish seed and feed given								
	Popularization of Murrels culture in coastal farm ponds	Murrels	05	05	2500	q./ha.	Under Progress Training programme is organized and critical inputs of fish seed and feed given								

* 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
Production improvement by GIFT Tilapia culture	Monosex culture which is fast growing and doesn't breed during culture. Fetches good price and two harvest per year. Constraints of technology: Lack of seed availability in the District.	Lack of seed availability in the District.

5.B. 7. Other enterprises

[illegible]

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

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

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 Man days		% save	Savings in labour (Rs./ha)	*Economics of demonstration (Rs./ha)			*Economics of check (Rs./ha)		
						Demo	Check			Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

** BCR= Gross Return/Gross Cost

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

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

5. B10. Feedback on farm implements demonstrated

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. 11.Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	1	60	Murrels fish
		1	30	Sahyadri Brahma paddy field day
		1	33	Yard long bean Okra
		1	36	Traditional rice varieties
2	Farmers Training	18	398	Capacity Development Programme
3	Media coverage	10	-	-
4	Training for extension functionaries	-	-	-
5	Others (Please specify)	-	-	-

5. C. Women and children empowerment programme conducted

Category	Name of the programme	No of programmes	No of Participants
Women	Awareness programmes	-	-
	Coconut tree climbing	-	-
	Drudgery Reduction	-	-
	Enterprises	01	48
	Farming System	-	-
	Health and nutrition	-	-
	Kitchen Garden	02	45
	Nutrigarden	-	-
	Storage Technique	-	-
	Value addition	-	-
	Women Empowerment	01	05
	Others	-	-
	Total	04	98
Children	Health	-	-
	Others	-	-
	Total	-	-
Grand Total		04	98

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

6.1 Demonstration details on crop hybrids

Crop name	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)	% Increase	*Economics of demonstration (Rs./ha)	*Economics of check (Rs./ha)
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[illegible]

Bio-agents production	1	0	0	0	25	0	25	25	0	25
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	01	08	35	43	01	04	05	09	39	48
Organic manures production	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	01	0	0	0	25	0	25	25	0	25
Production of Bee-colonies and wax sheets	1	0	0	0	10	0	10	10	0	10
Small tools and implements	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	1	0	0	0	25	0	25	25	0	25
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	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
IFS Skill development Training	2	71	24	95	6	4	10	77	28	105
Observation of Vigilance Awareness Week										
Agro-forestry	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
TOTAL	49	928	697	1625	147	108	255	1075	805	1880

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

[illegible]

[illegible]

[illegible]

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) Orientation class to III BSc. Hon's (Horti)	01	20	10	30	5	4	9	25	14	39
TOTAL	02	20	10	30	30	4	34	50	14	64

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) Friends of Coconut Tree palm climbing training	01	17	-	17	3	-	3	20	-	20
TOTAL	01	17	-	17	3	-	3	20	-	20

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

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

Management in farm animals	2	51	46	97	0	0	0	51	46	97
Livestock feed and fodder production	2	0	67	67	0	0	0	0	67	67
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify) Tri monthly Workshop Horticulture	02	45	12	57	0	0	0	45	12	57
Total	6	96	125	221	0	0	0	96	125	221

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

[illegible]

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	-	-	-	-	-	-	-	-	-	-
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	01	0	0	0	28	22	50	28	22	50
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	-	-	-	-	-	-	-	-	-	-
10.c.	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-
10.d.	Fisheries Management	-	-	-	-	-	-	-	-	-	-
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
11.	Home Science	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
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	01	0	0	0	28	22	50	28	22	50

Details of sponsoring agencies involved

1.NAARM sponsored skill training programme for SC farmers

2.

3.

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.	01	01	03	04	03	21	24	04	24	28
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	01	01	03	04	03	21	24	04	24	28

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

i. Short Term Training (STT)

[illegible]

ii. Recognition of Prior Learning (RPL)

[illegible]

PART VIII – EXTENSION ACTIVITIES**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
Advisory services	2372	1576	650	2226	100	13	113	31	2	33
Farmers visit to KVKs	1026	724	158	882	69	19	88	32	24	56
Lectures delivered as resource persons	142	2693	2057	4750	120	23	143	112	62	174
Diagnostic Visits	315	281	52	333	16	8	24	50	4	54
Field Days	10	148	50	198	7	4	11	6	4	10
Group discussions/ meetings	61	1081	204	1285	18	14	32	145	63	208
Kisan Gosthies	0	0	0	0	00	0	0	0	0	0
Film Shows	0	0	0	0	00	0	0	0	0	0
Self help group meetings	0	0	0	0	00	0	0	0	0	0
Mahila mandals meetings	0	0	0	0	00	0	0	0	0	0
Kisan Melas	0	0	0	0	00	0	0	0	0	0
Exhibitions	5	703	226	929	08	23	31	20	15	45
Scientist visit to farmers fields	61	200	149	349	0	0	0	44	11	55
Soil health camps	0	0	0	0	00	0	0	0	0	0
Animal health camps-28 Animal	1	6	2	8	0	0	0	1	0	1
Plant health camps	0	0	0	0	00	0	0	0	0	0
Farm Science Club meetings	0	0	0	0	00	0	0	0	0	0
Ex-trainees Sammelans	0	0	0	0	00	0	0	0	0	0
Farmers seminars	01	91	67	158	18	16	34	0	0	0
Workshops	01	53	0	53	0	0	0	0	0	0
Method Demonstrations	55	755	172	927	52	12	64	39	27	66
Celebration of important days	8	254	173	427	6	2	8	64	8	72
Special day celebrations	0	0	0	0	00	0	0	0	0	0
Exposure visits	4	18	0	18	77	0	77	0	0	0
Others, Please specify	0	0	0	0	00	0	0	0	0	0
Video Documentation	02	0	0	0	00	0	0	0	0	0
Radio programmes	0	0	0	0	00	0	0	0	0	0
Total	4064	8583	3960	12543	491	134	625	544	220	774

8.2 Other extension activities like print and electronic media etc.

Sl. No.	Type of media/activity	Number of activities/Number
1	Popular articles	07
2	Newspaper coverage	29
3	Extension Literature	02
4	Radio Talks	10
5	TV Talks	09
6	CD/DVD/Video clips	02
7	Animal health camps (28 no. of animal treated)	01
8	Others, please specify Research papers	09
	Total	69

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIAL**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 seeds	Sahyadri panchamukhi	16.0 q	88000	64
Oilseeds	-	-	-	-	-
Pulses	-	-	-	-	-
Commercial crops	-	-	-	-	-
Vegetables	Bhendi	White Velvet	6.5 Kg	14300.00	80
Flower crops	-	-	-	-	-
Spices	-	-	-	-	-
Fodder crop seeds	-	-	-	-	-
Fiber crops	-	-	-	-	-
Forest Species	-	-	-	-	-
Others (specify)	-	-	-	-	-
Total			16.65q.	102300	144

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	-	-	-	-	-
Spices	-	-	-	-	-
Tuber	-	-	-	-	-

Fodder crop saplings	-	-	-	-	-
Forest Species	-	-	-	-	-
Others(specify)	-	-	-	-	-
Total	-	-	-	-	-

9.D. Production of hybrid planting materials 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 Bio-Products

	Name of the bio-product	Quantity (q)	Value (Rs.)	Number of farmers to whom provided
Bio Products				
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	Trichoderma	0.92	12740	10
	Sahyadri Trishool	0.11	2470	5
Others (specify)	-	-	-	-
Total	-	-	-	-

9.D. Production of livestock

Particulars of Livestock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals	-	-	-	-
Cows	-	-	-	-
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others (Pl. specify)	-	-	-	-
Poultry	Swarnadhara	896	121920	32
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-

Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)	-	-	-	-
Piggery	-	-	-	-
Piglet	-	-	-	-
Others (Pl.specify)	-	-	-	-
Fisheries	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	-	896	121920	32

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

10. A. Literature Published

(i) Summary of published

Item	Number
Research papers- International	3
Research papers- National	5
Technical reports	10
Technical bulletins	-
Popular articles - English	15
Popular articles – Local language	5
Extension literature/Folder	4
Others if any	-

(ii) Details of Literature published (provide details only on Research articles and Technical Reports)

Please provide the details of publications (Research articles and Technical reports only) in the following format:

1. Research articles in journals: Complete citation indicating authors, year of publication, title of publication, journal name, volume and page number in sequence.

Example:

1. Kedarnath, Ramesha T.J, Veershetty, Mallikarjuna Lingappa, Ashwini Koute, Chethan N and Thejaswi Kumar, (2024) Efficacy of eco-friendly technologies for the management of rice pests. Plant Archives, 24(2): 1753-1756.
2. Thejaswi Kumar J, Kedarnath, Srinivasa KH, SR Somashekara and TJ Ramesha, (2024) An assay on effectiveness of PMMSY awareness campaign on knowledge and perception of fisheries stakeholders. International Journal of Agriculture Extension and Social Development, 7(4): 398-402.

3. Rashmi R., T J Ramesha, Mallikarjuna L and Kedarnath, (2024) Effect of integrated crop management practices on yield and economics of okra (*Abelmoschus esculentus* (L). moench) in Dakshina Kannada district of coastal Karnataka, India. *Journal of Plant Development Sciences* 16(5): 157-162.
4. Rashmi R., T. J. Ramesha, Shruti P Gondi, Mallikarjuna L and Kedarnath, (2024) Front line demonstration: An effective way of dissemination of technology of yard long bean in Dakshina Kannada district of Karnataka, India. *Vegetable Science* 51(2): 342-346.
5. Mallikarjuna Lingappa, Naveen Kumar BT, Ramesha TJ, Rashmi R and Kedarnath, (2024) Characteristics of west coast lateritic soils of Southern India. *International Journal of Research in Agronomy*, 7(3): 659-664.
6. Mallikarjuna Lingappa, TJ Ramesha, R Shivakumar, Kedarnath and R Rashmi, (2024) Impact of potassium management in coastal rice crop on socio-economic status in west coast of southern India. *International Journal of Research in Agronomy*, 7(8): 788-792.
7. Chethan N, Ramesha T. J, Manjappa N, Kedarnath, Rashmi R., Shivakumar R. and Amogha K. R. (2024) Yield Performance of *Pangasius sutchi* with Carps in Farm Ponds of Dakshina Kannada, Karnataka, India. *Journal of Experimental Agriculture International* 46(11):445-449
8. Naveen Kumar, B. T.*, Mallikarjuna, L., Shivakumar, R. and Kedarnath, Impact of Flood Resistant Red Rice Variety – Sahyadri Panchamukhi on Socio-Economic status of Coastal Farmers of Karnataka, *Biological Forum – An International Journal* 15(12): 278-280(2023)
9. Shivakumar R, Mallikarjuna L, Naveen Kumar BT, TJ Ramesha and Shivappa Nayaka HB, Socio-economic factors and management practices in influencing the health and sustainability of pig farming in Dakshina Kannada, India, *Int. J of Agri. Extn. and Soc. Devt.*, SP 7; (9) September 2024: 08-13 P-ISSN: 2618-0723 E-ISSN: 2618-0731, NAAS Rating: 5.04

Research Paper:

1. **Shenoy H. and Siddaraju. M. N(2024)GRAIN YIELD, RESIDUAL SOIL FERTILITY AND SOIL NITROGEN BALANCE AS INFLUENCED BY DIFFERENT ORGANIC AND INORGANIC SOURCES OF NITROGEN IN RICE (*Oryza sativa* L.)** *International Journal of Research and Analytical Reviews (IJRAR)* 11,(3) pp 77-82(E-ISSN 2348-1269, P- ISSN 2349- 5138)

Popular articles:

1. **Dr.Ravindragouda Patil** and Dr. T. J. Ramesha, ದಕ್ಷಿಣ ಕನ್ನಡ ಜಿಲ್ಲೆಯಲ್ಲಿ ಒಳನಾಡು ಮೀನು ಪಾಲನೆಯ ಅವಕಾಶಗಳು, *Krishi Bimba*, January 2024: 5-7
2. **Shenoy.H** , A.Rehman G M Sudan., Chetan K K B.,Karan S., Arshad K., A Siddiqua (2024) Climate Change and Agronomy : Adapting to New Challenges *The Agriculture Magazine*
3. Vol3 Issue 12 August 2024 pp.426-432
4. **Shenoy.H** , Prrethi Y H ., Hemavathi SU., A.Rehman Arabinda D., A Siddiqua, Arshad K., (2024) Cover Cropping: Benefits and Best practices for soil managemnt *The Agriculture Magazine* Vol 4 Issue 2 October 2024 pp.126-129

Extension Folder:

1. ಡಾ|| ರವೀಂದ್ರಗೌಡ ಪಾಟೀಲ, ಡಾ|| ಟಿ.ಜಿ. ರಮೇಶ, ಡಾ|| ಕೇದಾರನಾಥ, ಡಾ|| ಹರಿಶ ಶೆಟ್ಟಿ, ಡಾ|| ಶಿವಕುಮಾರ, ಆರ್., ಡಾ|| ರಶ್ಮಿ, ಆರ್., ಡಾ|| ಮಲ್ಲಿಕಾರ್ಜುನ, ಎಲ್., ಸಂಯೋಜಿತ ಮೀನು ಕೃಷಿ, March 2024,
2. ಡಾ|| ರವೀಂದ್ರಗೌಡ ಪಾಟೀಲ, ಡಾ|| ಟಿ.ಜಿ. ರಮೇಶ, ಡಾ|| ಕೇದಾರನಾಥ, ಡಾ|| ಹರಿಶ ಶೆಟ್ಟಿ, ಡಾ|| ಶಿವಕುಮಾರ, ಆರ್., ಡಾ|| ರಶ್ಮಿ, ಆರ್., ಡಾ|| ಮಲ್ಲಿಕಾರ್ಜುನ, ಎಲ್., ಸ್ವಾಸ್ಥ್ಯದೃಷ್ಟಿ ಅಲಂಕಾರಿಕ ಮೀನು ಪಾಲನೆ.
2. Technical Reports: Authors name, Title of the technical report, name of publishing KVK, number of pages.

Example:

Kedarnath, Ramesha, T. J., Balakrishnan, N., Mallikarjuna, L., Rashmi, R., Harish Shenoy, Ravindragouda Patil, and Shivakumar, R., 2024. Scientific Beekeeping. Pp.1-8

Chapter in Book

Shenoy.H , A.Rehman, G. Goswami, K. Thottepudi, A Siddiqua (2024) Crop Production: Major Field Crops(Cereals and Pulses) pp72-82

Chapter in Book “Contemporary Agriculture” Ed: Sanjay K.,A. Singh., Chandra Shekhar, R Manisha.,C. Manikala., P K Singh published by AK international Publication, Ambala Haryana ISBN:978-81-983374-8-1

10.B. Details of Electronic Media Produced

S. No.	Type of media	Title	Details
1	CD / DVD	1. Navachetana HFPCL, Belthangady FPO activities 2. Pingara HFPCL, Vitala, Bantwala FPO activities	Technology backstopping Feedback documentation video
2	Mobile Apps	-	-
3	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 10. DAESI-III 11..DAESI-IV 12. DAESI-V 13. DAESI-VI 13. Navachetana FPo 14. Pingara FPO 15. Aladanangadi FPO 16. Raitha janya FPO 17. ICM Bhendi 18. Krishi saki batch _III 19. Glyphosate trainees batch II 20.Medicinal Plants 21. Amutha savayava 22.Kasanvani AIR Mangaluru	Farming community is linked through whatsapp groups with routine sharing of information by the farmers and scientific guidance by scientists of KVK.
4	Facebook account name	kvkdakshinakannada	Farming community is linked through Facebook groups with routine sharing of information by the farmers and scientific guidance by scientists of KVK.
5	Instagram account name	-	-
6	Others if any	kvkdakshinakannada	-

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

Title: Popularization of High Value fresh water fishes in Coastal Farm Ponds

Background: The population of our country is rapidly increasing and to provide nutritional security to the ever increasing population with high quality protein enriched food, more emphasis is being given to increase production from fisheries as fish is the rich source of proteins, vitamins, minerals and omega-3 fatty acids. Since, the fish production from capture fisheries is decreasing at an alarming rate, more emphasis is being given to increase fish production through aquaculture. Inland fish culture has assumed a significant role in increasing aquaculture production through diversified aquaculture species introduction and improved aquaculture practices.

Interventions : Mr. Rajesh D. Kotian, a B.C.A graduate is presently working as Junior Programmer at Town Municipal Council, Moodubidri, Dakshina Kannada, Karnataka. He is actively involved in Integrated Farming Systems since 10 years. He showed keen interest in inland fish culture and took advisory services from KVK, Dakshina Kannada regarding the same. He has been doing inland fish culture since 4 years with good profits and has set an example for the surrounding farmers who have also started inland fish culture. KVK, Dakshina Kannada has trained him in various aspects of fish culture like, water quality management, scientific feeding practices, periodical sampling to assess the health of fish and best management practices of inland fish culture and also has distributed critical inputs in the form of good quality fish seed and fish feed under OFT and FLD. For the year, 2024-25 under EDP for encouraging freshwater fish seed production a portable fish hatchery has been established in his farm under the technical guidance of KVK, Dakshina Kannada utilizing locally available cost effective materials with a capacity of 5 lakh eggs.

Output: Mr. Rajesh.D.Kotian has two plastic lined grow-out ponds of 85 ft.x 75 ft. and 60 ft.x 50 ft. and four plastic lined nursery ponds of 15 ft. x 20 ft. dimensions. He is practicing polyculture of Catla, Rohu with Pangasius in one pond and in the other he is doing murrel culture. From the two grow out ponds he got a total fish production of 1,074 Kgs which amounts to 9.9 Tonnes /ha from the polyculture of Carps and Pangasius and 14.6 Tonnes/ha from the monoculture of murrels which is a very good production.

Outcome: From the two grow out ponds he is getting a gross income of Rs. 3,50,000/- and a net profit of Rs. 1,25,000/- He is selling Pangasius @Rs.300/Kg and Carps @Rs.250/Kg and Murrels @Rs.400/Kg. He is getting good price as he is selling farm fresh live fish.

With his success in scientific fish culture with the technical and monetary help from KVK,Dakshina Kannada in the form of critical inputs of quality fish seed and feed, Mr. Rajesh.D.Kotian has been awarded with many awards such as District level Vijaya Karnataka Super Star Farmer-2024 and Fellow Farmer Doubling of Farmer's Income Award from ICAR-KVK(D.K.).

Impact : Encouraged by his success in fish culture, he has started selling fish seed and fish feed by procuring from far off places outside the state and selling to the fish farmers of Dakshina Kannada district. Because of his successful integration of scientific fish farming with Agriculture and Animal Husbandry, more and more farmers in Panapila village and other surrounding villages got motivated and have taken training and advisory services from KVK, Dakshina Kannada for scientific fish culture and its integration with their farming practices.

Photos



Dakshina Kannada	
	
Pangasius fish	Murrels fish

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

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)

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

10 F. Technology Week celebration:

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	-	-	-

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
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 :

1. Year of establishment : 2011
2. List of equipment's purchased with amount : No. Equipment Purchased during 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	1729	1661	768	345800.00
Water Samples	804	804	352	40200.00
Plant samples	-	-	-	0
Manure samples	-	-	-	0
Others (specify)	-	-	-	0
Total	2533	2465	1120	386000.00

C. Details of samples analyzed:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	-	-	-	-

Water Samples	-	-	-	-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	-	-	-	-

11.2 Mobile Soil Testing Kit

A. Date of purchase and current status

Mobile Kits	Date of purchase	Current status
1.	-	-
2.	-	-

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

	During 2023	During 2024	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:

Particulars	Date (s)	Villages (No.)	Farmers (No.)	S-samples analyzed (No.)	Soil health cards issued (No.)
SWTL	-	-	-	-	-
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	264	75	-	-	2	2

PART XII. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Coconut climbing	260	60	-	760000
Inland Fisheries	1096	41	250000/ha	492000
Value addition	245	8.57	--	102935/3 Groups/8 Months

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. Details of linkage with ATMA

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings				
02	Research projects				
03	Training programmes	Inland Fisheries-Scope, Importance and Resent advances	1	1	Resource person
04	Demonstrations	Progressive farmer selection	2	5	Resource person
05	Kisan Mela	-	-	-	-
06	Technology Week	-	-	-	-
07	Exposure visit	-	-	-	-
08	Exhibition	-	-	-	-
09	Soil health camps	-	-	-	-
10	Animal Health Campaigns	-	-	-	-
11	Video Films	-	-	-	-
12	Books	-	-	-	-
13	Extension Literature	-	-	-	-
14	Pamphlets	-	-	-	-
15	Other Activities (Pl.specify)	-	-	-	-

13B. List of special programmes undertaken by the KVK which have been financed by State Government/University/National Horticultural Mission/ RKVY/ National Fisheries Development Board/Other Agencies

S. No.	Name of organization	Name of Programme	Nature of linkage	Funds received in Rs.	Expenditure during the reporting period in Rs.	Remarks
1	ICAR-KVK, Dakshina Kannada	Diploma in Agricultural Extension Services for Input Dealers Programme-VI	MANAGE, Hyderabad, Central Govt.	7,60,000.00	653494.00	-
3		Natural Farming Project	ICAR-New Delhi	2,07,593.00	-	-
3		Skill Training on Vermicompost Production for SC Farmers	ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad (ICAR-ATARI, Bengaluru)	87100.00	7700.00	-
4		Modular Training programme KSRLPS Krishi Saki Sanjeevini programme	KSRLPS -Sanjeevini. Karnataka Govt.	30,83,700.00		-

[illegible]

Spices & Plantation crops									
Floriculture	-	-	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Others (specify)									

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

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

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Poultry	Swarnadhara	Chicks	896 Nos.	52083.00	1,21,920.00	Provided to 32 farmers of the District
2	Milk Production	-	Milk Production	7535 Ltr.	-	3,31,454.00	Provided to local consumers
3	FYM			839 Kg.	-	2,517.00	-
4	Fish	Murrels	Fingerlings	2500	-	-	Provided to FLD Farmers
5		GIFT Tilapia	Fingerlings	10000	-	-	Provided to FLD Farmers
6		Rohu	Fingerlings	2500	-	-	Provided to FLD and TSP 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 -2024	122	26	-
February -2024	95	28	-
March-2024	227	19	-
April -2024	265	14	-
May-2024	210	43	-
June -2024	15	21	-
July -2024	25	21	-
August-2024	21	11	-

S.No	Database target	Database created
1	OFT	All data are uploaded in OLRS & MPR and AE-MPR 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)	

(a) Rain Water Harvesting Structure

[illegible][illegible]

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

15.2 District Agriculture Meteorological Unit (DAMU)

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 organised

State	Name of KVK	Details of Activities/programme Organised	Number of Chief Guests	No. of Farmers attended program	Total participants
-	-	-	-	-	-

15.4 Seed Hub

Crop	Variety	Year of release	Production				No of farmers benefited/Sold to no. of farmers	Quantity seed sold (q)	Seed sold @ (Rs)/kg
			Target (q)	Area (ha.)	Actual Production (q)	Category (FS/CS)			
-	-	-	-	-	-	-	-	-	-

15.5 CFLD on Oilseeds: (Completed CFLDs should provide data for all items of the table and also remaining whichever is available)

Season	Crop	Variety		Conducted		Demo Yield(Q/ha)			Check Yield (Q/ha)	Economics	
		Demo	Check	Demo	Area	Max	Min	Avg		Demo	Check

[illegible]

15.6 CFLDs on Pulses: (Completed CFLDs should provide data for all items of the table and also remaining whichever is available)

[illegible]

15.7 Krishi Kalyan Abhiyan (Aspirational districts)

[illegible]

15.8 Micro-Irrigation

[illegible]

15.9 Progress report of TSP (DAPST)

SI No	Item/Activity		Units	Achievements (Activities/ Quantity)	ST Beneficiaries (No.)		
					Male	Female	Total
1	Training programmes		No	2	24	16	40
	1.1	1-3 days	No	02	08	16	24
	1.2	4-10 days	No	-	-	-	-
	1.3	2-4 weeks	No	-	-	-	-
	1.4	More than 4 weeks	No	-	-	-	-
2	OFTs		No	-	-	-	-
3	FLDs- Fish culture in costal farm ponds-2024-25		No.1	Under Progress	1	-	1
4	Extension activities		No.	-	-	-	-
	4.1	Awareness camps	No.	-	-	-	-
	4.2	Exposure visits/study tours		-	-	-	-
	4.3	Exhibitions		-	-	-	-
	4.4	Seminars		-	-	-	-
	4.5	Workshops		-	-	-	-
	4.6	Group meetings		-	-	-	-
	4.7	Others specify		-	-	-	-
5	Input supply				-	-	-
	5.1	Seeds (Field crops)	Quintal	-	-	-	-
	5.2	Seeds (High value crops, spices etc.)	Kg	Vegetable seed kit 20 No.	12	08	20
	5.3	Seeds (Root & Tuber crops)	Quintal	-	-	-	-
	5.4	Nursery plants	No.	Jasmine seedlings 160 No.	11	09	20
	5.5	Cuttings, Slips, suckers etc.	No.	Marigold seedlings 200 No.	12	08	20
	5.6	Mushroom spawns Packets (100 gm)	No.	-	-	-	-
	5.7	Bio-fertilizers Packets (one kg)	No.	-	-	-	-
	5.8	Honeybee Colonies	No.	20	20	-	-
	5.9	Animals -large		-	-	-	-
		Cattle	No.	-	-	-	-
		Buffaloes	No.	-	-	-	-
		Calves	No.	-	-	-	-
				-	-	-	-
	5.10	Animals-Small	No	-	-	-	-
		Pig	No	-	-	-	-
		Sheep		-	-	-	-
		Goat	No	-	-	-	-
				-	-	-	-
	5.11	Poultry		-	-	-	-
		Ducklings	No	-	-	-	-
		Poultry Chicks	No	-	-	-	-
		Fish fingerlings	2500 No.	Under Progress	1	-	1
		Fish feed	48 Kg.	Under Progress	1	-	1
	5.12	Equipment		-	-	-	-
		Small equipment's (up to Rs 2000)	No.	-	-	-	-

		Medium equipment's/machinery (Rs 25000)	No.	-	-	-	-
		Large equipment's /machinery (> Rs.25000)		-	-	-	-
	5.13	Infrastructure	No	-	-	-	-
		Civil work/ ponds etc.	No	-	-	-	-
		Setting up Plant Nursery/seed farm/hatchery	No	-	-	-	-
		Land development/Reclamation/Conservation	Hectare	-	-	-	-
	5.14	Fertilizers	Quintal	-	-	-	-
		Major nutrients NPK		-	-	-	-
		Secondary nutrients	Quintal	-	-	-	-
		Micronutrients	Quintal	-	-	-	-
		FYM	Quintal	-	-	-	-
		Vermicompost	Quintal	-	-	-	-
		Soil amendments (Gypsum, lime etc.)	Quintal	-	-	-	-
	5.15	Plant protection		-	-	-	-
		Plant protection chemicals	Kg	-	-	-	-
		Plant growth promoters	Kg	-	-	-	-
	5.16	Animal Feed mixture	Quintal	-	-	-	-
	5.17	Animal fodder	Quintal	-	-	-	-
	5.18	Animal medicines provided to animals	No.	-	-	-	-
	5.19	Any other (specify)	No	-	-	-	-
6	Services/Facilitation				-	-	-
	6.1	Animal/plant Health Camps	No	-	-	-	-
	6.2	Artificial insemination	No	-	-	-	-
	6.3	Vaccination	No	-	-	-	-
	6.4	Veterinary services (Hospitalization, on-site treatment etc.)	No	-	-	-	-
	6.5	Testing samples of Soil, plant, water, feed fodder and livestock	No	-	-	-	-
	6.6	Promotion of agri-entrepreneurship	No	-	-	-	-
	6.7	Promotion of IFS, IOFS,	No	-	-	-	-
	6.8	Establishment of Natural Farming, Nutri-garden, kitchen garden, orchards etc.	No	-	-	-	-
	6.9	Creation of market links of farm produces	no	-	-	-	-
	6.10	Use of Institute facilities[Processing etc.]	Hours	-	-	-	-
	6.11	Subsidies/Assistance (50% of project cost, Max. Rs 1000 beneficiary)	No	-	-	-	-
7	Publication/distribution of Literature		No	65	49	16	65
8	Employment generation for livelihood Man-months		No.				
9	Fellowship, Stipends or, Scholarship		No				
10	Area oriented & Activity (Project addressing the		Projects				

	problems of agri .Sector faced by the SC/STs and benefit directly, which is measurable and Identifiable)		(No)				
11	Monitoring & Evaluation of DAPSC/ST(up to 3% budget)			-	-	-	-
	11.1	Field visits	No.	-	-	-	-
	11.2	Field days	No.	-	-	-	-
				-	-	-	-
12	Any others				-	-	-
	12.1	Wild elephant repellent	No.	-	-	-	-
	12.2	Khethi Rakshak 18-monkey repellent	No.	-	-	-	-
	12.3	Goat mineral mixture	No.	-	-	-	-
	12.4	Supplement-salt lich	No.	-	-	-	-
	12.4	Success stories (one or two write-ups may be given below with photos)	No.	-	-	-	-
				-	-	-	-
				-	-	-	-

Success stories write-up :

15.10 Progress report of SCSP (DAPSC)

SI No	Item/Activity		Units	Achievements (Activities/ Quantity)	SC Beneficiaries (No.)		
					Male	Female	Total
1	Training programmes		No	1 No.	13	12	25
	1.1	1-3 days	No	-	-	-	-
	1.2	4-10 days	No	-	-	-	-
	1.3	2-4 weeks	No	-	-	-	-
	1.4	More than 4 weeks	No	-	-	-	-
2	OFTs		No	-	-	-	-
3	FLDs		No.	-	-	-	-
4	Extension activities		No.	-	-	-	-
	4.1	Awareness camps	No.	-	-	-	-
	4.2	Exposure visits/study tours	-	-	-	-	-
	4.3	Exhibitions	-	-	-	-	-
	4.4	Seminars	-	-	-	-	-
	4.5	Workshops	-	-	-	-	-
	4.6	Group meetings	-	-	-	-	-
	4.7	Others specify	-	-	-	-	-
5	Input supply		-		-	-	-
	5.1	Seeds (Field crops)	Quintal	-	-	-	-
	5.2	Seeds (High value crops, spices etc.)	Kgl	Vegetable seed Kit 25 No.	13	12	25
	5.3	Seeds (Root & Tuber crops)	Quintal	-	-	-	-
	5.4	Nursery plants	No.	-	-	-	-

	5.5	Cuttings, Slips, suckers etc.	No.	-	-	-	-
	5.6	Mushroom spawns Packets (100 gm)	No.	-	-	-	-
	5.7	Bio-fertilizers Packets (one kg)	No.	-	-	-	-
	5.8	Honeybee Colonies	No.	-	-	-	-
	5.9	Animals -large		-	-	-	-
		Cattle	No.	-	-	-	-
		Buffaloes	No.	-	-	-	-
		Calves	No.	-	-	-	-
				-	-	-	-
	5.10	Animals-Small	No	-	-	-	-
		Pig	No	-	-	-	-
		Sheep		-	-	-	-
		Goat	No	-	-	-	-
				-	-	-	-
	5.11	Poultry		-	-	-	-
		Ducklings	No	-	-	-	-
		Poultry Chicks	No	-	-	-	-
		Fish fingerlings		-	-	-	-
				-	-	-	-
				-	-	-	-
	5.12	Equipment		-	-	-	-
		Small equipment's (up to Rs 2000)	No.	-	-	-	-
		Medium equipment's/machinery (Rs 25000)		-	-	-	-
		Large equipment's /machinery (> Rs.25000)	7 No.	Value addition of fish	-	1	1
	5.13	Infrastructure	No	-	-	-	-
		Civil work/ ponds etc.	No	-	-	-	-
		Setting up Plant Nursery/seed farm/hatchery	No	-	-	-	-
		Land development/Reclamation/Conservation	Hectare	-	-	-	-
	5.14	Fertilizers	Quintal	-	-	-	-
		Major nutrients NPK		-	-	-	-
		Secondary nutrients	Quintal	-	-	-	-
		Micronutrients	Quintal	Arka Vegetable Special 25 Kg	13	12	25
		FYM	Quintal	-	-	-	-
		Vermicompost	Quintal	-	-	-	-
		Soil amendments (Gypsum, lime etc.)	Quintal	-	-	-	-
	5.15	Plant protection		-	-	-	-
		Plant protection chemicals	Kg	-	-	-	-
		Plant growth promoters	Kg	-	-	-	-
	5.16	Animal Feed mixture	Quintal	-	-	-	-
	5.17	Animal fodder	Quintal	-	-	-	-
	5.18	Animal medicines provided to animals	No.	-	-	-	-
	5.19	Any other (specify) Vermibags	No	50 Nos	28	22	50
6	Services/Facilitation			-	-	-	-

	6.1	Animal/plant Health Camps	No	-	-	-	-
	6.2	Artificial insemination	No	-	-	-	-
	6.3	Vaccination	No	-	-	-	-
	6.4	Veterinary services (Hospitalization, on-site treatment etc.)	No	-	-	-	-
	6.5	Testing samples of Soil, plant, water, feed fodder and livestock	No	-	-	-	-
	6.6	Promotion of agri-entrepreneurship	No	-	-	-	-
	6.7	Promotion of IFS, IOFS,	No	-	-	-	-
	6.8	Establishment of Natural Farming, Nutri-garden, kitchen garden, orchards etc.	No	-	-	-	-
	6.9	Creation of market links of farm produces	no	-	-	-	-
	6.10	Use of Institute facilities[Processing etc.]	Hours	-	-	-	-
	6.11	Subsidies/Assistance (50% of project cost, Max. Rs 1000 beneficiary)	No	-	-	-	-
7	Publication/distribution of Literature		No	40 Nos.	13	12	25
8	Employment generation for livelihood Man-months		No.	-	-	-	-
9	Fellowship, Stipends or, Scholarship		No	-	-	-	-
10	Area oriented & Activity (Project addressing the problems of agri .Sector faced by the SC/STs and benefit directly, which is measurable and Identifiable)		Projects (No)	-	-	-	-
11	Monitoring & Evaluation of DAPSC/ST(up to 3% budget)			-	-	-	-
	11.1	Field visits	No.	-	-	-	-
	11.2	Field days	No.	-	-	-	-
				-	-	-	-
12	Any others				-	-	-
	12.1	Wild elephant repellent	No.	-	-	-	-
	12.2	Khethi Rakshak 18-monkey repellent	No.	-	-	-	-
	12.3	Goat mineral mixture	No.	-	-	-	-
	12.4	Supplement-salt lich	No.	-	-	-	-
	12.4	Success stories (one or two write-ups may be given below with photos)	No.	-	-	-	-

Success stories write-up :

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)	-	-
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
1325	17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

15.13 KSHAMTA (Knowledge Systems and Homestead Agriculture Management in Tribal Areas)

Sl No	Item/Activity	Achievements (Activities/ Quantity)	Farmers (No.)		
			Male	Female	Total
1	Training programmes	-	-	-	-
2	Demonstrations	-	-	-	-
3	Extension programmes	-	-	-	-

4	Input supply (kg)	-	-	-	-
	Any other specify	-	-	-	-
		-	-	-	-
		-	-	-	-

15.14 Natural Farming

SI No	Item/Activity	Units	Achievements (Activities/ Quantity)	Farmers (No.)		
				Male	Female	Total
1	Training programmes	No.	01	04	08	12
2	Technology demonstrations/Method demonstrations (specify below name of technology/demonstration)		02	06	23	29
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
			-	-	-	-
3	Extension programmes/services (specify below name of activity)		-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
4	Critical inputs provided (specify below name of input)		-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
		No.	-	-	-	-
			-	-	-	-

15.15 Aspirational districts (Raichur, Yadgir and Wayanad)

Sl No	Item/Activity	Achievements (Activities/ Quantity)	Farmers (No.)		
			Male	Female	Total
1	Training programmes conducted for farmers	-	-	-	-
2	Training programmes conducted for rural youth	-	-	-	-
3	Training programmes conducted for farm women	-	-	-	-
4	Sponsored/vocational training programmes conducted	-	-	-	-
5	Technology demonstrations on pulse crops	-	-	-	-
6	Technology demonstrations on oilseed crops	-	-	-	-
7	Technology demonstrations other than pulse and oilseed crops	-	-	-	-
8	Extension programmes	-	-	-	-
9	EDP programmes conducted	-	-	-	-
10	How many EDP units established	-	-	-	-
11	Input supply	-	-	-	-
	Seeds	-	-	-	-
	Planting materials	-	-	-	-
	Bioproducts	-	-	-	-
	Poultry chicks	-	-	-	-
	Ducklings	-	-	-	-
	Goat kids	-	-	-	-
	Sheep kids	-	-	-	-
	Piglings	-	-	-	-
	FYM/Vermicompost	-	-	-	-
	Others specify	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
12	Services provided	-	-	-	-
	Soil samples tested	-	-	-	-
	Water samples tested	-	-	-	-
	Plant samples tested	-	-	-	-
	Mobile advisories	-	-	-	-
	Vaccinations	-	-	-	-
	Artificial Insemination	-	-	-	-
	Others specify	-	-	-	-
		-	-	-	-

PART XVI - FARMERS FEEDBACK ON ASSESSED/DEMONSTRATED TECHNOLOGIES OF CROPS / LIVESTOCK

16.1 Farmers feedback on performance of crop varieties/hybrids

Sl. No.	Crop varieties/hybrids assessed/ demonstrated	Farmer's feedback
1	Sahyadri brahma paddy variety	High yield of straw compared to existing paddy variety MO4

16.2 Farmers feedback on performance of agronomic practices

Sl. No.	Agronomic practices	Farmer's feedback
-	-	-

16.3 Farmers feedback on performance of pest and disease management in crops

Sl. No.	Pest and disease management in crops	Farmer's feedback
1	Leaf spot management in arecanut	Foliar application of propiconazole @ 1 ml per litre of water and Propineb @ 2 gram per litre of water helps in controlling the leaf spot disease as well as inflorescences die back and also helps in better yield
2	Ear head bug management in paddy	Application of imidacloprid + lambda cyhalothrin @ 0.6 ml per litre of water helps in reducing ear head bug population and obtained good quality crop
3	Spindle bug management in arecanut	Spot application of Thiamethoxam @ 2 gram per plant helps in reducing spindle bug infestation and better growth of the plant
4	Inflorescence die back and button shedding in arecanut	Twice application of propiconazole @ 1 ml per litre of water at 30 days intervals helps in reducing inflorescence die back and button shedding in arecanut and it helps in enhancing yield

16.4 Farmers feedback on performance of farm machinery technologies

Sl. No.	Farm machinery technologies	Farmer's feedback
-	-	-

16.5 Farmers feedback on performance of livestock and fisheries technologies

Sl. No.	Livestock/fisheries technologies	Farmer's feedback
-	-	-

PART XVII - FINANCIAL PERFORMANCE**17A. 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

17B. Utilization of KVK funds during the year 2023-24 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1.1817000	1.1817	1.1835222
2	Traveling allowances	2.31000	2.31000	2.11130
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	6.06000	5.61439	5.61439
B	POL, repair of vehicles, tractor and equipments	2.57000	2.57000	2.29581
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.06000	1.06000	0.98222
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.11000	0.11000	0.11360
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3.65000	3.65000	3.63722
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1.00000	1.00000	1.00154
G	Training of extension functionaries	0	0	0
H	Maintenance of buildings	1.55000	1.55000	0.30075
I	Establishment of Soil, Plant & Water Testing Laboratory	0	0	0
J	Library	0.100000	0.10000	0.86600
k	Extension Activities	3.68000	3.68000	3.50367
l	Video Production	0.49000	0.49000	0.00610
m	Demonstration of technologies for wild animal management	1.48000	1.48000	1.48300
n	SCSP Programme	3.47000	3.47000	3.46800
TOTAL (A)		145.70000	145.70000	142.95642
B. Non-Recurring Contingencies				
1	Works	10.00000	10.00000	9.98794
2	Equipment including SWTL & Furniture	0.0	0.0	0.0
3	Vehicle (Four wheeler/Two wheeler, please specify)	0.0	0.0	0.0
4	Library (Purchase of assets like books & journals)	0.0	0.0	0.0
	SCSP Programme	3.11000	3.11000	1.23000
TOTAL (B)		13.110000	13.11000	11.21794
C. REVOLVING FUND				
		0	0	0
GRAND TOTAL (A+B+C)		158.81000	158.81000	154.17436

17C. Status of revolving fund (Rs. in lakh) for the last three years

Year	Opening balance as on 1 st January	Income during the year	Expenditure during the year	Net balance in hand as on 31 st December of each year
January to December 2022	0.77	13.30	13.20	0.87
January to December 2023	0.87	10.83	8.52	3.18
January to December 2024	3.18	10.59	11.21	2.56

18. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr.Kedarnath	Scientist	Technologies of NBAIR Bengaluru	ICAR NBAIM Bengaluru	One Day 07.07.2024
Dr.Kedarnath	Scientist	Expanding the Horizons of Microbial Research in Agriculture	Association for Conservation of Microbes and ICAR-NBAIM, Mau, Uttar Pradesh	10 to 11 th July 2024
Dr.Kedarnath	Scientist	KVK Scientists visit to ICAR-NBAIM and ICAR-IISS Mau	ICAR-NBAIM and ICAR-IISS Mau	12.07.2024
Dr.Kedarnath	Scientist	Workshop on “Strategies for Bridging the Yield Gap in Fisheries and Aquaculture: by Sustainable approaches and Fisheries Improvement program	College of Fisheries	July 2024
Dr.Kedarnath	Scientist	Entrepreneurship development	BHU Moocs	Nov 2024
Dr. Rashmi R.	Scientist Horticulture	ICAR Sponsored short course on Biodiversity and approaches towards conservation and sustainable use of Rare, Endangered and Threatened Horticultural plant genetic resources of Western Ghats”	KSNUAHS, Shivamogga College of Horticulture, Mudigere, Karnataka	22 to 31Jan 2024 (Ten Days)
Dr. Rashmi R.	Scientist Horticulture	National Conference on Recent Trends and Future Prospects of Floriculture	ICAR-Indian Institute of Horticultural Research, Hesaraghatta, Bengaluru	9 to 11 January 2024
Dr. Rashmi R.	Scientist Horticulture	Workshop on “Strategies for Bridging the Yield Gap in Fisheries and Aquaculture: by Sustainable approaches and Fisheries Improvement program	College of Fisheries, Mangaluru	July 2024

Dr Ravindragouda Patil	Scientist (Fisheries)	“ Harnessing recent advances in High-Value Compound development and seaweed biomass utilization for human well-being: Propelling Atmanirbhar Swastha Bharat and empowering Farmers”	ICAR-CMFRI, Cochin, Kerala	21 Days 15-02.2024 to 06.03.2024
Dr. Ravindragouda Patil	Scientist (Fisheries)	“Sustainable Blue Revolution: Progress and Way Forward”	College of Fisheries, Mangaluru	One Day Workshop 27.12.2024
Harish shenoy	Asst. Prof. Agronomy	“Sustainable Blue Revolution: Progress and Way Forward”	College of Fisheries, Mangaluru	One Day Workshop 27.12.2024
Harish shenoy	Asst. Prof. Agronomy	NICRA Annual Review and Action Plan workshop	KVK Ambalavayal Kerala	23-05-2024 24-05-2024
Harish shenoy	Asst. Prof. Agronomy	Consultative Meeting on Natural Farming	YASHADA Pune	15-05-2024 16-05-2024
Harish shenoy	Asst. Prof. Agronomy	Breeding for Sustainable production to meet the challenges of climate change	On line by Bio ingine	01-05-2024
Harish Shenoy	Asst. Prof. Agronomy	Prime Minister and Ministry of Agriculture and farmers welfare sponsored Agricultural Scheme and Indian Agriculture Vision-2050	Gujarath Natural Farming Science University Anand and ICAR institutes	01-04-2024 to 30-04-2024
Dr. Mallikarjuna L	Scientist (Soil Science)	Application of Remote sensing and GIS in Agriculture development	MANAGE, Hyderabad	11-13 March 2024 Remote sensing and GIS
Dr. Mallikarjuna L.	Scientist (Soil Science)	Workshop on “Strategies for Bridging the Yield Gap in Fisheries and Aquaculture: by Sustainable approaches and Fisheries Improvement program	College of Fisheries	July 2024
Dr. Shivakumar, R	Asst. Prof. (Animal Science)	Digital teaching Techniques	NAARM	Digital Teaching 1 Month
Dr. Shivakumar, R	Asst. Prof. (Animal Science)	Workshop on “Strategies for Bridging the Yeild Gap in Fisheries and Aquaculture: by Sustainable approaches and Fisheries Improvement program	College of Fisheries	Fisheries and Aquaculture 1 Day
Dr. Shivakumar, R	Asst. Prof. (Animal Science)	AMSTCON-2024	Veterinary college, Hebbal Bengaluru	Augmenting Sustainable production,processing and safety of animal origin foods: Challenges and opportunities 3 Days

Dr. Shivakumar, R	Asst. Prof. (Animal Science)	Supply chain management for profitability in agriculture and allied sectors	Extension education institute, Hyderabad	Supply chain management of food items 5 Days
Dr. T.J. Ramesha	Senior Scientist and Head	Enhancing Reporting and Documentation Skills	Direction of Extension, KVAFSU, Bidar	26-27 th September-2024
Mr. Sathisha Naik K	Programme Assistant (Computer)	Enhancing Reporting and Documentation Skills	Direction of Extension, KVAFSU, Bidar	26-27 th September-2024

Result 2023

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
Fisheries	-	Slow growth of locally available species and non availability of high value, fast growing species which can fetch high price in the local market	Evaluation on growth performance of Murrels in coastal farm ponds	06	TO 1: Farming Carps: Duration-1 year • Manuring: Std. Protocol • Stocking: @ 1 fish seeds/m ² Feed: Rice bran and GOC@4% of body weight	Farmers practice	5.0	Tonnes/Ha.	-	18750	9375	1.00
					TO 2: • Striped Murrel (<i>Channa striatus</i>) • Duration-1 year • Pond: Earthen and lined • Stocking: @ 1-2 fish seeds/m ² Feed: Pelleted feed @ 5% of body weight	CIFA, Bhubaneswar	7.0	Tonnes/Ha.	-	70000	36000	1.5
					TO 3: • Giant Murrel (<i>Channa marulius</i>): Duration-1year • Pond: Earthen and	CIFRI, Barakpur	6.0	Tonnes/Ha.	-	60000	36000	1.5

					cement cistern • Stocking: @ 1 fish seeds/m ² Feed: Pelleted feed @ 5% of body weight							
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5.B.3. Livestock and related enterprises

3.5.3. Livestock and Related Enterprises

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								
Piggery	Integrated piglet management		05 (10 Animal/Demo.)	05	Body Weight (every week) Disease Incidence, Piglet mortality	-	-	-	-	53.4	46000	19400	1.73	27200	6200	1.30
Sheep and goat	Scientific management of male kids (Goat)		05 (10 Animal/Demo.)	10	Birth weight Physiological weight B:C Ratio & Farmers acceptability	-	-	-	-	Increased average body upto 14.8 kg for six months	61200	29164	1.91	50300	22300	1.79

5.B. 5. Fisheries

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Total No of fingerlings	Name of the parameter with unit	Major parameters		% Increase	*Economics of demonstration Rs./unit)			*Economics of check (Rs./unit)		
							Demo	Check		Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR
Others (GIFT Tilapia)	Production improvement by GIFT Tilapia culture	GIFT Tilapia	03	3Units/696 (m ²)	6000	q./ha.	135	100	35	33750	23625	2.3	25000	15000	1.5

* 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

Sd/-
Senior Scientist and Head
