

ICAR – ATARI, ZONE –XI, HEBBAL, BENGALURU

PROFORMA FOR ACTION PLAN OF KVKs IN ZONE XI FOR 2019-20

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with phone, fax and e-mail ID	:	Krishi Vigyan Kendra, Dakshina Kannada, Kankanady post, Mangaluru – 575 002 Phone: +91 824 243 1872; Fax:+91 243 0060; e-mail: http://mail.icar.gov.in ; kvkdk@rediffmail.com
1.2	Name and address of host organization	:	Karnataka Veterinary Animal and Fisheries Sciences University, Nandinagar, P.B. No. 6, Bidar-585401 Phone No.: +91 8482 245 264; e-mail: vckvafsu@yahoo.co.in; dekavafsu@gmail.com
1.3	Year of sanction	:	2004
1.4	Website address of KVK and date of last update	:	www.kvkdk.org ; March-2019

2. Details of staff as on date

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If permanent, please indicate		Date of joining	If temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current pay band	Current grade pay		
2.1	Professor & Head / Programme Coordinator	Dr. A.T. Ramachandra Naik	Fisheries	37400-67000	10000	11.10.2018	-
2.2	Subject Matter Specialist	Mr. Harish Shenoy	Agronomy	15600-39100	7000	11.11.2010	-
2.3	Subject Matter Specialist	Dr. T.S. Annappaswamy	Fisheries (Addl. charge)	-	-	11.03.2019	-
2.4	Subject Matter Specialist	Vacant	Soil Science	-	-	-	-
2.5	Subject Matter Specialist	Vacant	Horticulture	-	-	-	-
2.6	Subject Matter Specialist	Vacant	Plant Protection	-	-	-	-
2.7	Subject Matter Specialist	Vacant	Veterinary	-	-	-	-
2.8	Programme Assistant (Lab Assistant)	Vacant	-	-	-	-	-
2.9	Programme Assistant (Comp. Prog.)	Mr. Sathisha Naik K	-	9300-34800	4200	24.01.2011	-
2.10	Programme Assistant (Farm Manager)	Vacant	-	-	-	-	-
2.11	Accountant/Superintendent	Ms. Yashashree	-	-	-	01.09.2018	30250
2.12	Stenographer	Mrs. Deepa	-	-	-	02.11.2011	30250
2.13	Driver (Tractor)	Mr. Somashekharaiiah S.M	-	-	-	26.09.2014	27550
2.14	Driver (LV)	Mr. Keshava	-	-	-	25.05.2010	21300
2.15	Supporting staff 1	Mr. Ashwith Kumar	-	-	-	21.10.2011	21300
2.16	Supporting staff 2	Mrs. Vidyavathi	-	-	-	25.04.2012	16900

3. Details of SAC meeting conducted during 2018-19

Date	Major recommendations	Status of action taken in brief	Reasons for no actions, if any
1	Take up fodder crops in coconut crops	FLD of Guinea grass in coconut plantation is proposed in action plan 2019-20	-
2	To take up Swarnadhara brooding hatching unit at KVK campus and increase the supply of the same	Facility yet to be created	-
3	Advance to do FLD or OFT on one species of fish and take up the research and extension for four years.	Implemented for the year 2019-20	-
4	Suggested to invited AIR & representative of the Doordarshan for SAC	Representatives of AIR and Doordarshan will be invited for next SAC meeting	-
5	Take up rearing of fish seeds to make to meet the demand of the farmers of this region	Rearing cum demonstration of fish seed will be taken up	-
6	Provide the new technology (Dehydration of fruit and vegetables, value addition etc.) in agriculture and allied activities in rural areas	Training of SHGs for value addition to Cashew apple is proposed	-

4. Details of operational areas proposed during 2019-20 (Please refer to the implementation plan of DFI)

Clusters	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise that limit yield and income	Extent of area (ha/No.) affected by the problem in the village	Proposed intervention (OFT, FLD, Training, extension activity etc.)*
Cluster A Kavalapadoor, Kadabettu Bantwal Tq.	Paddy, Pulses, Arecanut, Coconut Cowpea, Dairy Jasmine Vegetables pepper	Low adoption of scientific cultivation practices Local varieties Shortage of green fodder in summer and low yield of conventional fodders Paddy fallows in Rabi and summer season Indiscriminate use of pesticides.	1078 ha	FLD Training Method demonstrations Field visits Group discussions
Cluster B Shirthady Belvai, Modabidre Mangaluru Tq.	Arecanut, Watermelon Pepper Paddy Dairy Jasmine-	Pest and diseases affecting the yield Low yield of conventional fodders Local varieties Paddy fallows	978 ha.	OFT, FLD Training Method demonstrations Field visits Group discussions
Cluster C Kaliya, Guruvayanakere, Gurukatte, Machina Belthnagady Tq.	Arecanut, Watermelon Pepper Paddy Dairy Jasmine fisheries	Fisheries - Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.		FLD. Training Method demonstrations Field visits Group discussions

Cluster D Harekala Kilpady, Mudipu Narigana Aryapu Mangaluru-Tq.	Paddy, Chilli, sugarcane Areca nut, Coconut pepper, Dairy Jasmine Vegetables Goat farming, Dairy Fisheries	Fisheries - Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture		FLD. Training Method demonstrations Field visits, Group discussions
Cluster E Bannur Puttur	Paddy, Pulses Areca nut Coconut Cowpea Dairy Jasmine Brinjal Pepper	Brinjal - High transplanting shock and hence poor establishment of main crop, Imbalanced use of fertilizers, Soil borne diseases. Pepper - High incidence of foot rot disease , spike shedding improper nutrient management		FLD Training Method demonstrations Field visits Group discussions
Cluster- F Aranthodu, Sullia Tq.	Rubber Areca nut Coconut Dairy –Poultry-piggery	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture		FLD. Training Method demonstrations Field visits Group discussions

5. Technology assessment during 2019-20

Sl. No.	Crop/enterprise	Prioritized problem	Title of intervention	Technology options	Source of technology	Name of critical input	Qty per trial (q)	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Parameters to be studied	Team members
5.1	Jasmine Flowers	Pruning techniques not followed low yield during off season and high incidence of sucking pests	Assessment of Pruning time in Udupi Jasmine	Pruning of dead and diseased branches only INM: use of ground nut cake and FYM 10 to 20 kg per plant.	Farmer practice	-	-	-	05	15000/-	No. of Flowers/plant, 100 Flowers weight(g), yield (t/ha) and B.C ratio	SMS Horticulture and plant protection Soil science
				Time of Pruning: November at a height of 50 cm from ground level INM : (FYM 10 kg/ plant) RDF 120:240:240 N:P ₂ O ₅ :K ₂ O g/plant in two splits, Foliar	TNAU Coimbatore	Micro nutrient ZnSO ₄ 0.25% + MgSO ₄ 0.5% + FeSO ₄ 0.5%	0.5 kg	600				
						Secateurs	1	300				
						Neem cake	50 kg	1000				

				spray of micro nutrient ZnSO ₄ 0.25% + MgSO ₄ 0.5% + FeSO ₄ 0.5%								
				Time of Pruning: Mid December, at a height of 90 cm from ground level INM : (FYM 10 kg/plant) RDF 100:150:100 N:P ₂ O ₅ :K ₂ O g/plant in 3 split doses	IIHR Bangaluru	Soil test	1	600				
						Display board	1	500				
						Total		3000				
				Time of Pruning: January at a height of 60 cm from ground level INM : (FYM 20 kg/plant) RDF 120:240:240 N:P ₂ O ₅ :K ₂ O g/plant in six splits	UHS Bagalkot							
5.2	Arecanut	Spindle Bug affecting young Arecanut palms (3 year old) affecting the growth and yield	Assessment of Spindle Bug Management in Arecanut	Placement of 2.0 gm Phorate granules (Thimet 10 G) in perforated poly- sachets in the inner most two leaf axils of Areca palms during April-May	CPCRI, Kasargod				05	13500/-	No. of bugs present prior to application and seventh day after application and percent pest incidence.	SMS Plant Protection/ Horticulture Soil science
				Cleaning the inner most layer and	UAHS Shivamogga	Phorate 10 G	500 gm	150				
						Profenopho	500	550				

				spraying of Profenophos 50% EC 2ml/l (The knapsack sprayer will be used for spraying and the nozzle will be directed towards the spindle and inner most leaf axils)		s 50% EC	ml							
						Fish oil rosin soap	1kg	600						
						Neem oil	200 ml	500						
						Soil test		200						
						Display boards	1	500						
				Spraying fish oil rosin soap at 1kg in 80 l of water on the crown and application of 3 percent neem oil suspension	TNAU, Coimbatore	Total	2700							
						Grand Total			10	28500/-				

6. Frontline demonstrations during 2019-20

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
6.1	Cereals	Paddy	Low yield due to low adoption of scientific cultivation practices. Suitable variety for low lands is not available. Wild boar damage during harvest.	Nutrient Management in Paddy	MO-4	-	UAHS Shivamogga With Wild Boar Management (KAU, Thrissur) and LCC ICAR-IRRI, Cuttack	Zn So4	8kgs	700	05	12000	Yield and yield attributing characters, Economics BC Ratio.	SMS Agronomy Plant Protection, Soil Science
								Bio fertilizers	-	300				
								Boar rep	-	200				
								Plant protection chemicals	-	500				
								Soil test	1No.	200				
								Display boards	1No.	500				
								Total		2400				

	Cereals	Paddy	Poor yield due to stem borer, Gundy bug and brown spot disease	Eco-friendly Pest management in paddy	MO-4	-	UAS, Bengaluru	Trichogramma Card	3 cards	360	05	13800	Percent pest and disease incidence, yield and B : C ratio	SMS Plant Protection Agronomy , Soil Science
								Pheromone trap	1 No.	600				
								Pseudomonas	3kg	600				
								Neem oil	250 ml	500				
								Soil test	1No.	200				
								Display Board	1No.	500				
								Total		2760				
6.2	Millets	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3	Oilseeds	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4	Pulses	cowpea	Under utilization of paddy fallows and low yield of local variety Bombay avade.	Introduction of Cowpea Var.UAHS-28 for paddy fallows	UAHS-28		UAHS Shivamogga	Seeds	10 kg	700	05	13000	Yield Days to 50% flowering Germination	SMS Agronomy Soil Science Plant protection
								Liquid fertilizers	2	500				
								Rhizobium	1	200				
								Plant protection chemicals	-	500				
								Soil test	1	200				
								Display board	1	500				
								Total		2600				
6.5	Commercial crops	Pepper	High incidence of foot rot disease , spike shedding improper nutrient management	Root rot Management in Pepper	Panniyur	-	IIHR, Bengaluru	Arka Actinoplus	7.5 kg	950	10	35000	Spike length, Percent disease incidence , yield and B : C ratio	SMS Horticulture/ Plant protection
								Arka microbial consortium	7.50kg	950				
								Pepper special	3kg.	900				
								Soil test	1	200				
								Display Board	1	500				
								Total		3500				

6.6	Horticultural crops	Watermelon	Low yield due to high incidence powdery mildew and weed competing for nutrients.	Pest and Disease Management in Water melon	Sugar baby	-	IIHR, Bengaluru	Polythene mulch (30mm micron)	15kg.	3000	05	27000	% Disease incidence , No. of fruits/ vine, Yield (q/ha), B:C	SMS Horticulture/ Plant protection
								Trichoderma	2 kg.	400				
								Neem cake	50kg.	1000				
								Fungicide (Captan)	1kg.	300				
								Soil test	1	200				
								Display Board	1	500				
								Total		5400				
		Brinjal	High transplanting shock and hence poor establishment of main crop, Imbalanced use of fertilizers, Soil borne diseases.	Pest and Disease Management in Brinjal	Mattigulla		IIHR, Bengaluru	Arka microbial consortium	2.5 kg.	400	10	21000	No. of fruits per plant, Yield (q/ha), B:C	SMS Horticulture/ Plant protection
								Portrays	30 No.s	600				
								Coir pith	20kg	200				
								Arka vegetable special	1kg	200				
								Soil test	1	200				
								Display Board	1	500				
								Total		2100				
6.7	Livestock	Fodder crops	Shortage of green fodder during summer season , high cost of concentrates, under utilization of space in coconut plantation	Introduction of shade tolerant Guines grass in coconut garden	DGG-1	-	IGFRI Dharwad	Root slips	250	500	10	10000	Plant Height, No. of leaves, No. of tillers/culm, Green Fodder Yield (t/ha).	SMS Agronomy, Veterinary science
								Display board	1	500				
								Total		1000				

6.8	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management.	Composite fish culture with <i>Pangasius sutchi</i>	<i>Pangasius sutchi</i>		KVAFS U, Bidar	Fish seeds	1000 No.	3000	03	15600	Growth , Yield & B: C Ratio	SMS – Fisheries , Veterinar y Science & programm e Coordinat or
								Fish feed	20 Kg	1500				
								Water sample testing charge		200				
								Display board		500				
								Total		5200				
	Fisheries	Fisheries	Lack of knowledge on utilization of poultry manure as fertilizer for fish culture	Integration of poultry with fish farming	Swarnadar a and carps	-	KVAFS U Bidar	Fish seeds	1000 No	3000	03	17850	Growth , Yield & B: C Ratio	SMS – Fisheries , Veterinar y Science & programm e Coordinat or
								Poultry chicks	25 No	2250				
								Water sample testing charge		200				
								Display board	500	500				
								Total		5950				
	Fisheries	Fisheries	Low yield due to stocking of poor quality fish seeds, improper fertilization and feeding management. Small ponds, Lack of knowledge on monoculture	Mono culture of Amur carp in farm pond	Amur carp	-	KVAFS U Bidar	Fish seeds	1000 No	3000	03	15600	Growth , Yield & B: C Ratio	SMS – Fisheries , Veterinar y Science & programm e Coordinat or
								Fish feed	20 Kg	1500				
								Water sample testing charge	1	200				
								Display board	1	500				
								Total		5200				
6.9	Others	-	-	-	-	-	-	-	-	-	-	-	-	-
								Grand Total			59	180850.00		

7. Training for farmers/ farm women during 2019-20

Sl. No.	Thematic area and the crop/ enterprise	Crop / Enterprise	Related field intervention (OFT/FLD)	Training title	No. of courses	Expected No. of participants	Names of the team members involved
7.1	Crop production	Paddy	FLD	Improved cultivation practices in paddy	01	25	SMS Agronomy SMS Soil Science
				Importance of use of LCC for nitrogen Management in paddy	01	25	SMS Agronomy SMS plant protection
			FLD	Pulses for Paddy Fallows	01	25	SMS Agronomy SMS Soil Science
7.2	Horticulture	Jasmine	OFT	Pruning time in Udupi Jasmine	01	25	SMS Horticulture and Plant Protection
		Water Melon	FLD	Integrated crop Management in Water Melon	01	25	SMS Horticulture and Plant Protection
		Pepper	FLD	Integrated crop Management in Pepper	01	25	SMS Horticulture and Plant Protection
7.3	Livestock production	Fodder	FLD	Importance of green fodder in dairy	01	25	SMS Agronomy SMS veterinary science
7.4	Home Science	-	-	-	-	-	-
7.5	Plant protection	Paddy	FLD	Integrated Pest and disease management in paddy	01	25	SMS Plant Protection SMS Agronomy
		Arecanut	OFT	Spindle bug management	01	25	SMS Plant Protection SMS Horticulture
		Brinjal	FLD	Integrated crop Management in Brinjal Var. Mattigulla	01	25	SMS Plant Protection SMS Horticulture
7.6	Production of inputs at site	Organic farming	-	Vermicompost Production	01	25	SMS Soil Science SMS Agronomy
7.7	Soil health and fertility	Plantation crops	-	Importance of soil test and INM	01	25	SMS Soil Science SMS Agronomy
7.8	PHT and value addition	Cashew	Method Demonstration	Value added products of Cashew apple for juice	01	25	SMS Horticulture SMS Agronomy
7.9	Capacity building/ group dynamics	-	-	-	-	-	-
7.10	Farm mechanization	Paddy	-	Mat nursery preparation in Paddy	01	25	SMS Agronomy SMS Soil Science

7.11	Fisheries production technologies	Fish Culture	FLD	Composite fish culture	01	25	SMS Fisheries SMS Veterinary & Programme Coordinator
			FLD	Integrated fish farming	01	25	SMS Fisheries SMS Veterinary & Programme Coordinator
			FLD	Monoculture of Tilapia in farm ponds	01	25	SMS Fisheries SMS Veterinary & Programme Coordinator
			-	Sustainable Aquaculture	01	25	SMS Fisheries SMS Veterinary & Programme Coordinator
7.12	Mushroom production	Mushroom	Training	Mushroom Cultivation	01	25	SMS Horticulture and Plant Protection
7.13	Agro forestry	-	-	-	-	-	-
7.14	Bee keeping	-	-	-	-	-	-
7.15	Sericulture	-	-	-	-	-	-
7.16	Others, pl. specify	-	-	-	-	-	-
					16	475	

8. Training for rural youth during 2019-20

Sl. No.	Thematic area and the crop/enterprise	Crop / Enterprise	Related field intervention (EDP/Skill development etc)	Training title	No. of courses	Expected No. of participants	Names of the team members involved
8.1	Crop production	Paddy	Skill Development	Mat nursery preparation	1	25	SMS Agronomy SMS Soil Science
8.2	Horticulture production	-	-	-	-	-	-
8.3	Livestock production	-	-	-	-	-	-
8.4	Home Science	-	-	-	-	-	-
8.5	Plant protection			Pest and disease management in Horticulture crops	1	25	SMS Horticulture SMS Plant Protection
8.6	Production of inputs at site	Organic farming	Skill Development	Vermicompost production technologies	1	25	SMS Soil Science SMS Agronomy

8.7	Soil health and fertility	-	-	-	-	-	-
8.8	PHT and value addition	-	-	-	-	-	-
8.9	Capacity building/ group dynamics	-	-	-	-	-	-
8.10	Farm mechanization	-	-	-	-	-	-
8.11	Fisheries production technologies	Fisheries		Ornamental fish breeding and rearing, Aquarium fabrication and maintenance	1	25	SMS Fisheries SMS Veterinary & Programme Coordinator
				Aquarium fabrication and maintenance	1	25	SMS Fisheries SMS Veterinary & Programme Coordinator
8.12	Mushroom production	Mushroom	Mushroom production	Mushroom production technologies	1	25	SMS Horticulture SMS Plant Protection
8.13	Agro forestry	-	-	-	-	-	-
8.14	Bee keeping	Honey bee	Honey Production	Scientific rearing of Honey bees	01	25	SMS Horticulture SMS Plant Protection
8.15	Sericulture	-	-	-	-	-	-
8.16	Others, pl. specify	Animal Husbandry	-	Scientific Poultry farming	01	25	SMS Veterinary, SMS Fisheries & Programme Coordinator

9. Training for extension personnel during 2019-20

Sl. No.	Thematic area and the crop/ enterprise	Training title	No. of courses	Expected No. of participants	Names of the team members involved
9.1	Crop production	GM crops and food security	01	25	SMS Agronomy SMS Soil Science
		Recent Advances in Rice production	01	25	SMS Agronomy SMS Soil Science
		Pulse production technology	01	25	SMS Agronomy SMS Soil Science
		Water saving techniques in crops	01	25	SMS Agronomy SMS Soil Science
9.2	Home Science	-	-	-	-
9.3	Capacity building and group dynamics	Enhancement of Farmer's income & welfare (KAPC)			Programme Coordinator & SRF
9.4	Horticulture	Recent Advances in Horticultural crops	1	25	SMS Horticulture & SMS Plant Protection

9.5	Livestock production and management	Importance of green fodder in dairy	1	25	SMS Agronomy SMS Veterinary & Programme Coordinator
		Obscure animal disease of coastal region	1	25	SMS Veterinary SMS Fisheries & Programme Coordinator
9.6	Plant protection	New molecules of pesticides	01	25	SMS Plant protection & SMS Horticulture
9.7	Farm mechanization	-	-	-	-
9.8	PHT and value addition	-	-	-	-
9.9	Production of inputs at site	-	-	-	-
9.10	Sericulture	-	-	-	-
9.11	Fisheries	-	-	-	-
9.12	Other, pl. specify	-	-	-	-

10. Vocational trainings during 2019-20

Sl. No.	Thematic area and the crop/ enterprise	Training title	No. of programmes	Duration (days)	Expected No. of participants	Sponsoring agency, if any	Names of the team members involved
10.1	Crop production	Mat nursery preparation in paddy	1	2	25	-	SMS Agronomy & SMS Soil science
10.2	Home Science	-	-	-	-	-	-
10.3	Capacity building and group Dynamics	-	-	-	-	-	-
10.4	Horticulture	Protected Cultivation of Horticulture crops	1	2	25	-	SMS Horticulture & Plant Protection
10.5	Livestock production and management	Prevention of rabies in children	1	1	25	-	SMS Veterinary & Programme Coordinator
10.6	Plant protection	Integrated pest and disease management in field crops	1	2	25	-	SMS Plant Protection & SMS Horticulture
10.7	Farm mechanization	-	-	-	-	-	-
10.8	PHT and value addition	-	-	-	-	-	-
10.9	Production of inputs at site	-	-	-	-	-	-
10.10	Sericulture	-	-	-	-	-	-
10.11	Fisheries	Bio-floc technology in shrimp culture	1	3	25	-	SMS Fisheries SMS Veterinary & Programme Coordinator
		Bio-floc technology in shrimp culture	1	1	25	-	

		Advanced RAS & Aquaponic system	1	1	25	-	
10.12	Other, pl. specify	-	-	-	-	-	-

11. Sponsored trainings during 2019-20

Sl. No.	Thematic area and the crop/ enterprise	Training title	No. of programmes	Duration (days)	Expected number of participants	Sponsoring agency	Names of the team members involved
11.1	Crop production	-	-	-	-	-	-
11.2	Home Science	-	-	-	-	-	-
11.3	Capacity building and group Dynamics	Enhancement of Farmer's Income & Welfare (KAPC)	02	01	50	Karnataka Agriculture Price Commission, Govt. of Karnataka	SRF, Programme Coordinator, All SMS & Field Assistant
		FPO programme under CHD Plan	03	01	75	Dept. of Horticulture Bantwal & Belthangady Tq.	Programme Coordinator & All SMS
		DAESI programme for input dealers	01	1 year	40	UAS, GKVK, Hebbal, Bengaluru & MANAGE Hyderabad	DAESI Facilitator, Programme Coordinator & All SMS
11.4	Horticulture	-	-	-	-	-	-
11.5	Livestock production and management	-	-	-	-	-	-
11.6	Plant protection	-	-	-	-	-	-
11.7	Farm mechanization	-	-	-	-	-	-
11.8	PHT and value addition	-	-	-	-	-	-
11.9	Production of inputs at site	-	-	-	-	-	-
11.10	Sericulture	-	-	-	-	-	-
11.11	Fisheries	Value addition of Fish (NFDB)	1	2	25	-	SMS Fisheries & Programme Coordinator
		Ornamental fish Production and marketing (NFDB)	1	2	25	-	
11.12	Others, pl. specify	-	-	-	-	-	-

12. Extension activities during 2019-20

Sl. No.	Extension activity	No. of activities	Targeted number of participants	Names of the team members involved
12.1	Advisory services	-	650	PC & All SMS
12.2	Diagnostic visits	50	250	PC & All SMS
12.3	Field days	10	200	PC & All SMS
12.4	Group discussions	02	50	PC & All SMS
12.5	Kisan Gostis	03	75	PC & All SMS
12.6	Film shows	04	80	PC & All SMS
12.7	Self -Help Groups (SHGs) meetings	02	40	PC & All SMS
12.8	Kisan Melas	04	1000	PC & All SMS
12.9	Exhibitions	05	1500	PC & All SMS
12.10	Scientists' visit to farmers fields	60	150	PC & All SMS
12.11	Plant/soil health/animal health camps	02	50	PC & All SMS
12.12	Farm science club meetings	02	50	PC & All SMS
12.13	Ex-trainees Sammelana (Meetings)	01	20	PC & All SMS
12.14	Farmers' seminars/workshops	06	150	PC & All SMS
12.15	Method demonstrations	04	100	PC & All SMS
12.16	Celebration of important days	04	50	PC & All SMS
12.17	Special day celebrations	03	75	PC & All SMS
12.18	Exposure visits	02	40	PC & All SMS
12.19	Technology week celebration	01	120	PC & All SMS
12.20	Farmers Field School (FFS)	-	-	-
12.21	Farm innovators meet	1	20	PC & All SMS
12.22	Awareness programmes	05	100	PC & All SMS
12.23	Pre-Kharif Campaign	01	300	PC & All SMS
12.24	Pre-Rabi/summer campaign	01	300	PC & All SMS
12.25	Others, pl. specify	-	-	-

13. Activities proposed as knowledge and resource centre during 2019-20

13.1 Technological knowledge

Sl. No.	Category	Details of technologies	Area (ha)	Number	Names of the team members involved
13.1.1	Technology park/ crop cafeteria	Demonstration plots of Pulses & protein park	0.02	01	SMS Agronomy, SMS Soil Science & Farm Manager
13.1.2	Demonstration units	Implement Shed	105.60	01	All SMS & Farm Manager
		Compost Shed	25.50	01	
		Poultry Shed No.1	52.30	01	
		Poultry Shed No.2	51.00	01	
		Poultry Shed No.3	52.27	01	
		Vermi Hatcheriey(NCOF)	69.95	01	
		Low cost poly house	155.00	01	
		Low cost poly house (NHM Project)	210.00	01	
		Azzola Unit (2 Nos.)	26.76	01	
		Fish Demonstration Units	80.00	01	
		Small ornamental fishes Demonstration Unit(RKVY)		06	
13.1.3	Lab analytical services	Trochoderma Production	-	01	SMS Plant Protection & Training Assistant
		Soil and Water Testing		01	SMS Soil Science and Training Assistant
13.1.4	Technology week	Recently Advances in Agriculture and allied activities with exposure visit to Demo Units	0.02	01	All SMS and Programme Coordinator
13.1.5	Others, Pl. specify	Plant Material production and Sale	-	-	SMS Horticulture and Farm Manager

13.2 Technological products

Sl. No.	Category	Name of the production partner agency, if any	Name of the product	Quantity planned to be produced during 2019-20 (q)	Number planned to be produced during 2019-20	Names of the team members involved
13.2.1	Seeds	-	Paddy	20.0	-	SMS Agronomy & Farm Manager
			Pulses	1.0	-	SMS Agronomy & Farm Manager
13.2.2	Planting material	-	Fodder	-	1000 cuttings	SMS Agronomy & Farm Manager
13.2.3	Bio-products	-	Trichoderma	1.00	-	SMS Plant Protection & Training Assistant
13.2.4	Livestock strains	-	Poultry	-	5000 No.s	SMS Veterinary Science & Farm Manager
			Piggery	-	40 No.s	SMS Veterinary Science & Farm Manager
13.2.5	Fish fingerlings	-	Fish fingerlings	-	20000 No.s	SMS Fisheries & Farm Manager
			Ornamental fish	-	5000 No.s	SMS Fisheries & Farm Manager
13.2.6	Any other, pl specify	-	Vermicompost	1.00	-	-
			Milk Production	-	15000 Ltr	SMS Veterinary Science & Farm Manager

13.3 Technological information

Sl. No.	Category	Technological capsules/lectures/number		Names of the team members involved
13.3.1	Technology backstopping to line departments			
	a. Agriculture	Participation in Krishi Abhiynas Diagnostic visits, Participation in meetings Field visits		Programme Coordinator & All SMSs
	b. Horticulture			
	c. Animal Husbandry			
	d. Fisheries			
	e. Agricultural Engineering			
	f. Sericulture			
	g. Others, pl. specify			
13.3.2	Literature/publication	1	Paddy cultivation practices for higher yield	Programme Coordinator & All SMSs
		2	Pulses in Paddy fallows	
		3	Eco-Friendly Pest Management in Paddy	
		4	Cultivation practices of Fodder guinea grass in coconut garden	
		5	Advantages of Pruning in Udupi Jasmine	
		6	Scientific cultivation practices in Watermelon	
		7	Integrated crop management in Brinjal Var. Mattigulla	
		8	Quick wilt Management in Pepper	
		9	Spindle bug management in Arecanut	
		10	Composite fish culture of carps with <i>Pangassius sutchi</i>	
		11	Integrated Poultry with fish farming	
		12	Monoculture of Amur Common carp in farm pond	
13.3.3	Electronic media	Radio Talks will be delivered by the SMS regularly as and when occasion arises based on the season and crops		All SMSs
13.3.4	Kisan mobile advisory services	Providing Data Base of farmers of Mangaluru taluk for receiving market price. Information of Agriculture and Horticulture commodities daily update through SMS on Mobile		All SMSs
13.3.5	Information on centre/state sector schemes and service providers in the district (Data may be collected from different agencies).	Data maintained on Service Providers of the district will be updated regularly and changes will be incorporated as and when occasion arises. Information on center/state sector schemes from different agencies will be collected by Oct-2019		All SMSs

14. Additional activities planned during 2019-20

Sl. No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	MANAGE Hyderabad SAMETHI Bengaluru	Diploma in Agriculture Extension Services for Input Dealers (DAESI)	48 weeks capacity building course for input dealers as per the syllabus by MANAGE	Rs. 8.00 Lakhs	Programme Facilitator - DAESI, Programme Coordinator & All SMSs
2	Karnataka Agriculture Price commission Govt. of Karnataka	Enhancement of Farmers income and welfare	5 year programme for welfare of farmers 2 nd year	Rs. 25.00 Lakhs	SRF, Field Assistant, Programme Coordinator & All SMS
3	Karnataka horticulture department	Strengthening of Farmers producers Organisation (FPO)	Capacity building and Demonstrations	Bantwal Taluk-3.0975 Lakh Belthangady -3.0975 Lakh	Programme Coordinator & All SMSs

15. Revolving fund

15.1 Financial status of revolving fund

Opening balance as on 01.04.2018 (Rs. in Lakh)	Expenditure incurred during 2018-19 (Rs. in Lakh)	Receipts during 2018-19 (Rs. in Lakh)	Closing balance as on 31.01.2019 (Rs. in Lakh)	Expected closing balance by 31.03.2019 (Including value of material in stock/ likely to be produced)
1.24	15.62	15.99	3.97	1.62 (Rs. 2.51 including value of material in stock/ likely to be produced)

15.2 Plan of activities under revolving fund

Sl. No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
1	MO4 Paddy Seeds	20.0 q	30000.00	Programme Coordinator, All SMSs, Farm Manager & Training Assistant
2	Pulses	1.0 q	7000.00	
3	Fodder cuttings	1000 cuttings	2000.00	
4	Bhendi Seeds	5 kg	5000.00	
5	Jasmine Seedlings	1000 Nos	5000.00	
6	Drumsticks	1000 Nos	5000.00	
7	Papaya	1000 Nos	7000.00	
8	Coconut	500 Nos	12500.00	
9	Jackfruit	500 Nos	12500.00	
10	Trichoderma	100 kg.	10000.00	
11	Earth worms	5 kg.	1500.00	

12	Milk	15000 Ltrs	55000.00	
13	Poultry	5000 Nos	80000.00	
14	Piglets	40 Nos	100000.00	
15	Fish seeds	200000 Nos	300000.0	
16	Ornamental fish	5000 Nos	15000.00	

16. Activities of soil, water and plant testing laboratory during 2019-20

Sl. No.	Type of samples	No. of samples to be analyzed	Names of the team members involved
16.1	Soil test using analytical lab	500	SMS Soil Science, SMS Fisheries & Training Assistant
16.2	Soil test using mobile analysis kit	250	
16.3	Water	250	-
16.4	Plant	-	-
16.5	Others, pl. specify	-	

17. E-linkage during 2019-20

Sl. No.	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
17.1	Title of the technology module to be prepared	-	-
17.2	Creation and maintenance of relevant database system for KVK	Data bases have been prepared of KVK interventions farmers wise and village wise. Presently the data base is used for Kisan Mobile Advisory services sending of Short Message Services regularly based on technology feedback provided by individual SMS. Time frame December-2019 KVK activities is updated regularly on PM Portal and OLRS is updated	Data base will be uploaded to website
17.3	Any other (Please specify)	-	-

18. Activities planned under rainwater harvesting scheme (only to those KVKs which are already having scheme under rain water harvesting)

Sl. No	Activities planned	Remarks if any
-	-	-
-	-	-
-	-	-

19. Farmers Field School (FFS) planned : Nil

Thematic area	Title of the FFS	Budget proposed in Rs.
-	-	-

20. Integrated Farming System(IFS) planned : Nil

Description of model(s)	No. of models/units	Budget proposed in Rs.
-	-	-

21. Details of budget utilization (2018-19) up to 31st March, 2019 (Rs. In Lakhs)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
21.1	(A). REVENUE (Recurring Contingencies)			
21.1.1	Pay & Allowances	50.00	50.00	42.00
21.1.2	Traveling allowances	0.90	0.90	0.83
21.1.3	Contingencies	0.00	0.00	0.00
21.1.3.a	<i>Stationery, telephone, postage and other expenditure on office running, publication of Newsletter</i>	2.00	2.00	2.00
21.1.3.b	<i>POL, repair of vehicles, tractor and equipments</i>	2.00	2.00	2.00
21.1.3.c	<i>Food/refreshment for farmers/extension personnel @ Rs.150/person/day</i>	0.72	0.72	0.72
21.1.3.d	<i>Training material (need based materials and equipments for conducting the training)</i>	0.25	0.25	0.25
21.1.3.e	<i>Frontline demonstrations</i>	1.00	1.00	1.00
21.1.3.f	<i>On farm testing (OFTs)/Technology Assessment</i>	0.15	0.15	0.15
21.1.3.g	<i>Integrated Farming System (IFS) (Min. 5 Units)</i>	0.00	0.00	0.00
21.1.3.h	<i>Training of extension functionaries</i>	0.25	0.25	0.25
21.1.3.i	<i>Extension activities/services</i>	0.50	0.50	0.50
21.1.3.j	<i>Farmers' Field School</i>	0.00	0.00	0.00
21.1.3.k	<i>EDP (2 Nos.) / Innovative activities</i>	0.00	0.00	0.00
21.1.3.l	<i>Soil & water testing & issue of soil health cards</i>	0.05	0.05	0.05
21.1.3.m	<i>Maintenance of building</i>	0.50	0.50	0.50
21.1.3.n	<i>Farmers Conclave, KVK Conference</i>	0.00	0.00	0.00
21.1.3.o	<i>Video production</i>	0.00	0.00	0.00
21.1.3.p	<i>Library (Purchase of Journals, Periodicals, News Papers & Magazines)</i>	0.08	0.08	0.0
	Total Recurring	58.40	58.40	50.25
21.2	(B). CAPITAL (Non-Recurring Contingencies)			
21.2.1	Equipments & Furniture			
21.2.2	Works			
21.2.3	Vehicle	8.00	8.00	8.00
21.2.3 a	Four wheeler (replacement)			
21.2.4	Library			
	Total Non Recurring	8.00	8.00	8.00
21.3	(C). REVOLVING FUND	0.00	0.00	0.00
	GRAND TOTAL (A+B+C)	66.40	66.40	58.25

22.Details of Budget Estimate based on proposed action plan (2019-20)

Sl. No.	Particulars	BE 2019-20 proposed (Rs. in Lakhs)
22.1	(A). REVENUE (Recurring Contingencies)	
21.1.1	Pay & Allowances	100.00
22.1.2	Traveling allowances	3.00
22.1.3	Contingencies	0.00
22.1.3.a	<i>Stationery, telephone, postage and other expenditure on office running, publication of Newsletter</i>	3.50
22.1.3.b	<i>POL, repair of vehicles, tractor and equipments</i>	3.00
22.1.3.c	<i>Food/refreshment for farmers / extension personnel @ Rs.150/person/day</i>	2.00
22.1.3.d	<i>Training material (need based materials and equipments for conducting the training)</i>	1.00
22.1.3.e	<i>Frontline demonstrations</i>	1.81
22.1.3.f	<i>On farm testing (OFTs)/Technology Assessment</i>	0.29
22.1.3.g	<i>Integrated Farming System (IFS) (Min. 5 Units)</i>	0.00
22.1.3.h	<i>Training of extension functionaries</i>	1.00
22.1.3.i	<i>Extension activities/services</i>	1.00
22.1.3.j	<i>Farmers' Field School</i>	0.00
22.1.3.k	<i>EDP (2 Nos.) / innovative activities</i>	2.00
22.1.3.l	<i>Soil &water testing & issue of soil health cards</i>	0.50
22.1.3.m	<i>Maintenance of building</i>	15.00
22.1.3.n	<i>Library (Purchase of Journals, Periodicals, News Papers& Magazines)</i>	0.10
22.1.3.o	<i>Others, pl. specify</i>	0
	Total Recurring (A)	134.20

22.2	(B). CAPITAL (Non-Recurring Contingencies)		
22.2.1	Equipments & Furniture		
a.	IT (Computers & its related accessories)	5.00	12.00
b.	Digital copier cum network printer(Xerox)	1.00	
c.	Farm Mechanization, weed cutter, farm Maintenance etc	6.00	
22.2.2	Works		
a.	Renovation of old dairy, piggery, Poultry sheds	20.00	205.00
b.	Renovation Vermicompost Unit	4.00	
c.	Scientific Dairy Unit	18.00	
d.	Scientific Poultry hatchery Unit	12.00	
e.	Scientific Piggery Unit	9.00	
f.	Foot path provision for demo units	6.00	
g.	Construction of two fish ponds (1/2 Acre each) with Silpoline line	15.00	
h.	Provision for Roads and KVK Farm maintenance	8.00	
i	Staff Quarters and Scientist guest house of 4 BHK with furniture	100.00	
j	Desilting of main drainage channels and sub channels in KVK Farm	3.00	
k	Irrigation facility to upland area of the KVK Demo farm where Fodder Bank established	2.00	
l	Concretization of the leveled area near office for conducting farmers function (10000 sft)	8.00	
22.2.3	Vehicle		
22.2.3.a	Four wheeler (replacement)		0.00
22.2.3.b	Two wheeler (replacement)		2.00
22.2.4	Library		1.00
	Total Non Recurring (B)		220.00
	Grand Total (A + B)		354.42

-:O:-