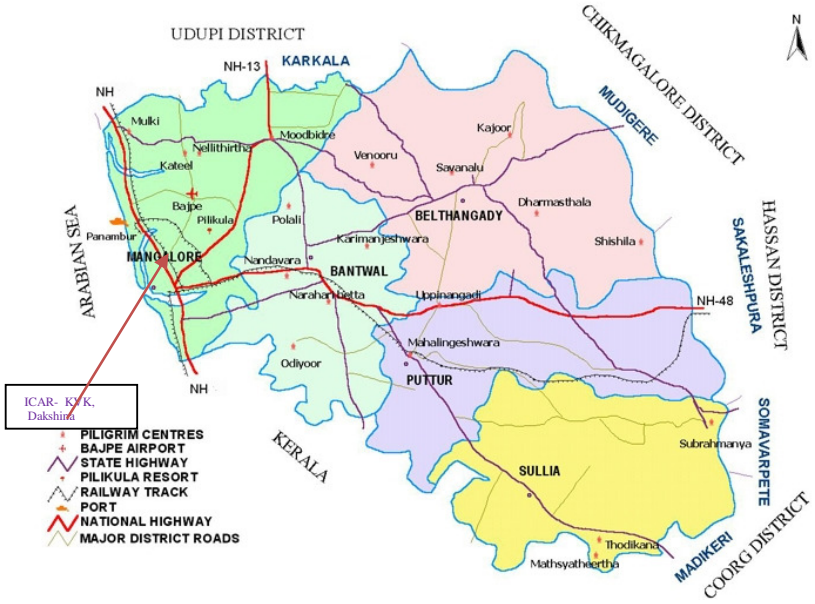
ACTION PLAN 2019-20
SUMMARY OF TECHNICAL ACTIVITIES

KRISHI VIGYAN KENDRA : DAKSHINA KANNADA DIST.

(1) Address of KVK with Phone, Fax, e-mail and Website (Furnish district map and indicate the location of the KVK)

KVK Address	Telephone		E mail	Web Address
	Office	Fax		
Krishi Vigyan Kendra (D.K.), Kankanady, Mangaluru – 575 002	+91 824 243 1872	+91 824 243 0060	kvk.DakshinaKannada@icar.gov.in; kvkdk@rediffmail.com	www.kvkdk.org



(2) Details of operational area/Cluster villages

Taluk/ Block	Name of cluster villages	Major crops & enterprises	Major problems identified in each crop / enterprise	Proposed type of interventions
Bantwal	Kavalapadoor, Kadabettu, Guruvayanker, Gerukatte	Paddy Arecanut Paddy Pulses Dairy Poultry	**Paddy** Low adoption of scientific cultivation practices and wild boar menace	FLD-ICM in paddy Training, Field Visit, Field Days
			Paddy Poor yield due to stem borer, Gundy bug and brown spot	FLD-Eco-friendly Pest management in paddy Training, Field Visit, Field Days
			Pulses Under utilization of paddy fallows and low yield of local variety Bombay avade	FLD- Introduction of Cowpea Var.UAHS-28 for paddy fallows Training, Field Visit, Field Days
Mangaluru	Shirthady, Belvai	Paddy Arecanut Coconut Pepper Paddy Dairy Poultry Jasmine watermelon	**Watermelon** Low yield due to high incidence powdery mildew and weed competing for nutrients.	FLD- ICM in Water melon Training, Field Visit, Field Days
			Arecanut Spindle bug affecting the young palms of Arecanut	OFT- Management of Spindle bug in Arecanut Training, Field Visit, Field Days
			Jasmine Pruning techniques are not followed by the farmers of Dakshina Kannada due to which number flowers per plant reduces	OFT - Assessment of Pruning time in Udupi Jasmine Training, Field Visit, Field Days
Belthangady	Kaliya	Fisheries	Low yield due to stocking of poor quality fish seeds, improper stocking density, fertilization and feeding management	FLD: Composite fish culture of carps with *Pangasius sutchi* Training, Field Visit, Field Days
Mangaluru	Harekala, Kilpady	Amur Carp-Fisheries	Monoculture of Amur common carp in farm ponds	FLD- Mono culture of Amur carp in farm pond Training, Field Visit, Field Days
		Fodder-Dairy	Non availability of suitable multicut shade loving fodder	FLD- Shade tolerant guinea grass var, DGG-1 in coconut Plantations Training, Field Visit, Field Days

		Arecanut Coconut Dairy Poultry Jasmine watermelon Jasmine Vegetables Pepper Rubber	**Brinjal** High transplanting shock and hence poor establishment of main crop, Imbalanced use of fertilizers, Soil borne diseases.	FLD: Integrated Crop Management in Brinjal Var. Mattigulla Training, Field Visit, Field Days
			Pepper Poor yield due to poor management, yellowing, spike shedding, quick wilt,	FLD: Integrated crop management in Pepper Training, Field Visit, Field Days
Sullia	Aranthodu	Poultry with fish farming	Integration of poultry with fish farming	FLD- Integration of poultry with fish Training, Field Visit, Field Days

(3) Details of technological interventions

3.1 Technology assessment

Sl. No.	Crop/ enterprise	Title of intervention	Technological options	No. of trials	Total cost involved (Rs.)	Team members involved
01	Udupi Jasmine	OFT - Assessment of Pruning time in Udupi Jasmine	T-1Pruning of dead and diseased branches only INM : Use of ground nut cake and FYM 10 to 20 kg per plant. T-2 Time of Pruning November at a height of 50 cm from ground level INM : (FYM 10 kg/ plant) RDF 120:240:240 g/plant in two splits Foliar spray of micro nutrient ZnSO4 0.25% + MgSO4 0.5% + FeSO4 0.5% T-3 Time of Pruning: Mid December, at a height of 90 cm from ground level INM : (FYM 10 kg/ plant) RDF 100:150:100 N: P2O5:K2O g/plant in 3 split doses T-4 Time of Pruning: January, at a height of 60 cm from ground level INM : (FYM 20 kg/ plant) RDF 120:240:240 N: P2O5:K2O g/plant in six	05	15000	SMS : Horticulture & Plant Protection

			splits			
02	Arecanut	OFT- Management of Spindle bug in Arecanut	TO 1-Placement of 2g Phorate granules (Thimet lO G) In perforated poly- sachets in the inner most Two leaf axils of areca palms during April/ May TO 2-Cleaning the inner most layer and 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) T-3 Spraying fish oil rosin soap at 1kg in 80 litres of Water on the crown and application of 3 percent Neem oil suspension	05	13500	SMS : Plant Protection & Horticulture

3.2 Frontline demonstrations

Sl. No.	Category/ Crop or enterprise	Title of Technology	No. of Demo	Area (ha)/ Units	Total cost involved (Rs.)	Team members involved
01	Paddy	Nutrient Management in Paddy	05	02	12000	SMS Agronomy & SMS Plant Protection
02	Fodder	Introduction of shade tolerant guinea grass in coconut garden	10	0.2	10000	SMS Agronomy & Veterinary Science
03	Cowpea	Introduction of Cowpea UAHS-28 in Paddy fallows	05	02	13000	SMS Agronomy & Plant Protection
04	Water melon	Pest and Disease management in Water melon	05	02	27000	SMS Plant Protection & Horticulture
05	Brinjal	Pest and Disease Management in Brinjal	10	01	21000	SMS Horticulture & Plant Protection
06	Pepper	Root rot management in Pepper	10	01	35000	SMS Plant Protection & Horticulture

07	Paddy	Eco-Friendly pest management in Paddy	05	01	13800	SMS Plant Protection & Horticulture
08	Fisheries	Composite fish culture of carps with *Pangassius Sutchi*	03	0.3	15600	SMS Fisheries & PC
09	Fisheries	Integrated Poultry with fish farming	03	0.3	17850	SMS Fisheries & PC
10	Fisheries	Monoculture of Amur Common carp in farm pond	03	0.15	15600	SMS Fisheries & PC
			59		**180850**	

(4) Target for mandated activities

Sl. No.	Activities	Target (2019-20)
1.	Technologies selected for assessment (Number.)	02
2.	On- farm trials (OFTs in number)	10
3.	Frontline demonstrations (FLD farmers in number)	59
4.	Training of farmers and farm women (Participants in number)	525
5.	Training of extension personnel (Participants in number)	200
6.	Production of seeds (Quintal)	20 q.
7.	Production of planting materials (Number)	1000 Fodder cutting
8.	Production of live-stock strains/ fingerlings (Number)	Poultry: 5000 Piggery: 40 Fish fingerlings: 20000 Ornamental fish: 5000
9.	Farmers provided mobile agro-advisory (Number in Lakh)	0.50
10.	Soil and water samples tested (Number)	Soil: 500 Water: 250
11.	Soil health cards issued by using Mini Soil Testing Kit (Number)	500
12.	Soil health cards issued by using traditional laboratory (Number)	-
13.	Awareness/services through various extension activities (Participant farmers and other stakeholders number inLakh)	0.01

(5) Special activities (EDP, FFS, IFS, Skill Development, NMOOP, NFSM, etc.): Nil

Activity or Programme	Physical details (No. of programmes, participants, area etc.)	Financial outlay (Rs. in Lakh)	Team members involved
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

(6) Externally funded activities (continuing / expected during 2019-20)

Activity or Programme	Program duration	Funding agency	Physical details (No. of programmes, participants, area etc.)	Financial outlay (Rs. in Lakh)	Team members involved
DAESI Diploma in Agriculture Extension for Input Dealers	1 Year (48 Weeks)	MANAGE Hyderabad	48 Weeks Training for Input dealers as per the Prescribed syllabus of MANAGE Hyderabad	8.00	Programme Facilitator-DAESI, Programme Coordinator & All SMSs
Enhancement of Farmers income and welfare	5 Year	Karnataka Agriculture Price commission	2nd year Daregudde village of Mangaluru Tq.	25.00	SRF, Field Assistant Programme Coordinator & All SMSs
Technical support to farmer producer organization	3 year	Dept. of Horticulture, Belthangady Tq.	2nd year technical backup training - Capacity building to FPOs in district	3.0975	Programme Coordinator & All SMSs
Technical support to farmer producer organization	3 year	Dept. of Horticulture, Bantwal Tq.	2nd year technical backup training - Capacity building to FPOs in district	3.0975	Programme Coordinator & All SMSs