ACTION PLAN OF KVKs IN ZONE VIII FOR 2016-17

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	**KRISHI VIGYAN KENDRA**, HIREHALLI,TUMAKURU-572168 Phone:0816-2243175 Fax : 0816-2243177 Email: iihrkvk@gmail.com
1.2	Name and address of host organization	:	INDIAN INSTITUTE OF HORTICULTURAL RESEARCH Hessaraghatta Lake Post, Bengaluru-560089 Phone:080- 28466420 Fax:080-28466291 Email: director@iihr.ernet.in, diriihr@icar.org.in, iihrdirector@gmail.com
1.3	Year of sanction	:	24th March, 2009
1.4	Website address of KVK and date of last update		www.iihrkvk.org : 18.2.2016

2. Details of staff as on date

				If Permanent, Please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs./month)
Sl. No.	**Sanctioned post**	**Name of the incumbent**	**Discipline**	**Current Pay Band**	**Current Grade Pay**	**Date of joining**	
2.1	Programme Coordinator	Dr. N. Loganandhan	Agril. Extension	37400-67000	9000	02.08.2013	
2.2	Subject Matter Specialist	Sri. K.N. Jagadish	Agril. Extension	15600 -39100	5400	17.11.2009	
2.3	Subject Matter Specialist	Sri P.R.Ramesh	Soil Science	15600 -39100	5400	17.11.2009	
2.4	Subject Matter Specialist	Sri Prashanth J.M	Horticulture	15600 -39100	5400	24.11.2009	
2.5	Subject Matter Specialist	Sri B. Hanumanthe Gowda	Plant Protection	15600 -39100	5400	02.12.2009	
2.6	Subject Matter Specialist	Ms. Radha R.Banakar	Home Science	15600 -39100	5400	05.12.2009	
2.7	Subject Matter Specialist	Dr. Somashekhar	Plant Breeding	15600 -39100	5400	07.12.2009	
2.8	Programme Assistant	Sri K.N.Shashidhara	Crop Physiology	9300 -34800	4200	17.10.2012	
2.9	Computer Programmer	Ms. Jyoti Appu Naik	Inform. Science	9300 -34800	4200	30.09.2009	

2.10	Farm Manager	Sri H.D.Parashuram	Farm Manager	9300-34800	4600	25.07.2013	
2.11	Accountant/Superintendent	Vacant	Accounts				
2.12	Stenographer	Smt. Veda Kurnalli	Stenographer	5200 -20200	2400	17.02.2010	
2.13	Driver 1	Sri M.H.Ningappa	Tractor Driver	5200 -20200	2000	31.12.2009	
2.14	Driver 2	Sri Hemanth Kumar	Jeep Driver	5200 -20200	2000	04.01.2010	
2.15	Supporting staff 1	Sri G.Manjanna	Supporting staff	5200 -20200	1800	01.11.2012	
2.16	Supporting staff 2	Sri C.M.Anjanappa	Supporting staff	5200 -20200	1800	16.10.2015	

3. Details of SAC meeting conducted during 2015-16

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2016-17
3.1	2.2.2016	1. Off-campus Training Programmes at NGO premises in the respective taluks need to be organized 2. Production of Arka Microbial Consortium (AMC) has to be increased to meet the high demand among farmers. 3. Malnutrition focused Kitchen garden programmes need to be organized.	1. A Training Programme on "**Proper cultivation practices of Moringa** " has been organized on 26.2.2016 at Balenahalli, Sira taluk in collaboration with mother NGO about 30 Moringa growers have participated. 2. A project worth 4.8 lakhs has been sanctioned for Increased Production of Arka Microbial Consortium (AMC) with the support from NABARD. 3. a) Awareness cum Training Programmes have been scheduled from 4th March 2016 onwards, covering 750 Rural Women from Tumakuru, Pavagada, Madhugiri and Koratagere Taluks on the topic of Nutrition Garden. b). A Project on "Food and Nutrition security for farm women" was submitted by SMS (Home Science) with support from CAR-ATARI.	15.2.2017

		4. Efforts need to be taken on control of vertebrate pests (Monkey, Wild boars, Bears etc) and Bird menace in the farmers' fields. 5. Topics on safe use and disposal of plastic mulches in the farmers fields need to be included in the Awareness and Training programmes. 6. Marketing linkage for Mangoes, Coconuts, Jack fruit products and Minor millets need to be given. 7. Mango campaign / FLD – covering all the technologies related to proper cultivation of Mangoes need to be organized. 8. Training Programmes on Organic farming, Non-pesticide management to be organized. 9. Support to State Department of Agriculture for Soil sample analysis is sought. 10. Technical Support to FPOs of NGOs and NABARD is necessary.	4. An FLD on control of Wild boar in Kariyammana Palya, Pavagada Taluk has been proposed and accepted for the year 2016-17. 5. In the proposed FLD on ICM in Tomato, care has been taken to increase the polymuch thickness from 50 micron to 80 micron to avoid tearing of sheets and concerned Training will be given for safe disposal of them after use. 6. An EDP has been proposed to link the value added products of Jackfruit of Women SHG –HalliSiri to market and the same has been approved for the year 2016-17. 7. A campaign programme on Production and Post Harvest Technologies of Mango as a part of ongoing FLD has been organized on 15.2.2016 at Bukkapatna, Sira Taluk. 8. Periodic Training Programme son Practices of Organic Farming are being organized by SMS, Soil Science 9. About 10, 000 Nos. of Soil Samples are supposed to be analyzed at KVK for state Dept. of Agri. In the year 2016-17. 10. Support has already been extended to two of FPOs (Kasturi Rangappa Nayaka Thotagarika Krushi Uthpannagala Samaskarane Mattu Marata Sowharda Sahakarai, SWAVALAMBI Agriculture Crop Producer Organisation) under OREDR	

			NGO in Sira Taluk and an awareness cum interaction Programme on **"Role of KVK in supporting FPOs"** was organized on 24.2.2016 for the FPOs under DHAN foundation (Sira and Pavagada Taluks) .	

4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2016-17

Sl. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	Development and Sustainability of Farmer Producer Organizations - Agricultural Marketing	MANAGE, Hyderabad	Sustainable Farmer Producer Organization
4.1.2	Social Media for Effective Sharing of Agricultural Information and Knowledge	MANAGE, Hyderabad	Dissemination of technology in short time
4.1.3	National Workshop on Community Radio	MANAGE, Hyderabad	To reach to selected audience
4.1.4	Utilization of degraded land through horticulture	-	New Technologies in horticulture
4.1.5	Nano technology and plant disease management	-	To improvement effective plant protection measures at field level
4.1.6	Natural resources management strategies in a climate change scenario	Department of Agricultural Economics, College of Horticulture, KAU, Thrissur- 680656	To demonstrate NRM intervention in NICRA site to combat Climate Change
4.1.7	Conservation Agriculture as a strategy for adaptation and mitigation of climate change in rainfed areas	Central Research Institute for Dry land Agriculture, Santoshnagar, Saidabad, Hyderabad-500059	To demonstrate NRM intervention in NICRA site to combat Climate Change
4.1.8	Managing IP under PVP and PGR	Directorate of Sorghum Research, Rajendranagar,Hyderabad-500030	
4.1.9	Advanced analysis tools in Agricultural management	NAARM, Hyderabad	For impact analysis of extension activities
4.1.10	Linking farmers to markets	MANAGE, Hyderabad	Assisting farmers for remunerative price for there produce

4.2. Cross-learning across KVKs during 2016-17

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring –KVK, Hiriyur	Minor Millets, Dry Land Horticulture
4.2.2	Within the zone - KVK, Calicut, Krishnagiri, Goa	IFS, Precision Farming, ICT
4.2.3	Outside zone –KVK, Gujarat	Watershed Management

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, resources and activities during 2016-17

S.No.	Name of the KVKs included in the cluster	What do you intend to share with Cluster KVKs	What do you expect from Cluster KVKs
5.1	KVK, Doddaballapur	Micronutrient Production, Arka Microbial Consortium	Information on Bio fuel
5.2	KVK, Chitradurga	Seed Production techniques, Neem and Pongamia soap	Value addition in minor millets
5.3	KVK, Ramanagar	Vegetable Seed Kit , Mango Fruit Fly Traps	Sericulture
5.4	KVK, Konehalli, Tiptur, Tumakuru	Seeds, Seedlings and micronutrients	Minor Millets, Coconut Value addition
5.5	KVK, Davangere	Vegetable Special, Planting materials	Fisheries

6. Operational areas details proposed during 2016-17

Sl. No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)
6.1	Ragi	Drought, Use of local varieties and low yield. Lack of knowledge on Processing, value addition and branding of ragi products	87086 ha	Tanganahalli, Kadarenahalli, Balenahalli, Kariyammanapalya	FLD's ,Trainings & Field days
6.2	Minor Millets	Lower income in Pigeon pea as a sole crop in rainfed condition. Pigeon pea is longer duration crop, prone to Biotic and Abiotic stresses leading to meager income.	1230 ha	Tanganahalli, Kadarenahalli, Balenahalli, Kariyammanapalya	Trainings

		Interspace between rows of Pigeon pea underutilized for initial 70 days after sowing.			
6.3	Pigeonpea	Delayed Monsoon and Pod borer and sterile mosaic disease in red gram.	9206 ha	Tanganahalli, Kadarenahalli, Balenahalli, Kariyammanapalya, Muthyalammanahalli	OFT, FLD ,Trainings & Field days
6.4	Groundnut	Tikka Disease , leaf minor, low income	78050 ha	Balenahalli, Kariyammanapalya, Muthyalammanahalli	FLD ,Trainings, Field Day
6.5	Tomato	Poor Soil and Nutrient Management, Water scarcity, Low keeping quality	562ha	Tanganahalli, Kadarenahalli, Janapanahalli, Aregujjanahalli	FLD ,Trainings & Field day
6.6	Onion	Use of local low yielding varieties. Most of the farmers are using substandard local available seeds.	8560 ha	Tanganahalli, Kadarenahalli, Balenahalli	OFT/FLD ,Trainings & Field day
6.7	Mango	Monocropping, Stem Borer Powdery mildew, Fruit fly and hoppers in Mango, lack of knowledge on PHT in mango.	6848 ha	Tanganahalli, Balenahalli, Bukkapatna	FLD, Trainings & Field day
6.8	Coconut	Monocropping, Low soil fertility, Stem bleeding, button shedding, Low income	65,000 ha	Tanganahalli, Kadarenahalli, Balenahalli, Janapanahalli, Aregujjanahalli	OFT, FLD, Trainings, Field Day
6.10	Pomegranate	Indiscriminate use of Fertilizers, Wilt & Bacterial Blight, Low yield	650 ha	Kariyammanapalya, Muthyalammanahalli	FLD, Trainings, Field Day
6.11	China Aster	Small size flowers, less shelf life and low yield	1050 ha	Tanganahalli, Kadarenahalli, Muthyalammanahalli	FLD, Trainings, Field Day
6.12	Betelvine	Poor Soil aeration and nutrient Management, Low quality & yield	781 ha	Tanganahalli, Balenahalli	FLD , Trainings & Field Day
6.13	Marigold	Small size flowers, less shelf life and low yield	228 ha	Tanganahalli, Kadarenahalli, Muthyalammanahalli	FLD , Trainings & Field Day
6.14	Arecanut	Monocropping, Low soil fertility, Anabe Roga, Nut splitting, Low income	10030 ha	Tanganahalli, Kadarenahalli, Balenahalli	FLD , Trainings & Field Day
6.15	Jasmine	No pruning, Mite Problem, Powdery mildew and low yield	230 ha	Muthyalammanahalli, Kariyammanapalya,	FLD , Trainings & Field Day

				Balenahalli	
6.16	Agriculture and Horticulture Crops	Loss by Wildboar, Low income	-	Muthyalammanahalli, Kariyammanapalya,	FLD , Trainings
6.17	Fruits and Vegetable Crops	Malnutrition, Non availability of Vegetables, Fruits, Higher Cost	-	Tanganahalli, Kadarenahalli, Balenahalli	FLD , Trainings, Field Day
6.18	Mushroom	Non availability of Paddy straw and Efficient utilization of Arecanut and Coconut husk.	-	Tanganahalli, Kadarenahalli	OFT, Trainings
6.19	Drudgery	Labour Scarcity, More drudgery foe weeding	-	Balenahalli, Tanganahalli, Kadarenahalli	OFT, Trainings
6.20	EDP-Jackfruit	Lack of Knowledge on Processing, Value addition, Branding and Marketing	-	Thovinakere	EDP, Trainings

7. Technology Assessment during 2016-17

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial (Rs.)	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
7.1	Flowers as intercrop in Coconut	Monocropping, no appropriate use of space and Cropping system in flowers crops as intercrop, low income	Assessment of commercial flower crops in coconut based cropping system	Monocropping	FP				3	18,160	Growth parameters, No of flowers, Flower diameter, weight and Yield economics	Prashanth J.M. K.N.Jagadish , P.R. Ramesh
				Coconut + Marigold	UHSB	Marigold seedlings	7260/0.1 ha	3,630				
				Coconut+ China Aster (Arka Kamini - IIHR)	CPCRI Kasaragod	Aster seedlings	7260 /0.1 ha	3,630				
				Coconut + Chrysanthemum (Yellow Gold / Kurnool)		Chrysanthemum Seedlings	5450 /0.1 ha	10,900				
7.2	Onion	Climate change, Delayed rainfall, Non availability of Rabi variety, Poor storability	Assessment of Onion varieties for Rabi	Arka Kalyan	IIHR, Bengaluru	Seeds: Arka Kalyan	1 Kg	1,200	3	12,600	Duration, Pod length, Disease and Pest incidence, No. of pods/plant and Yield	Prashanth J.M. , Somashekhar, K.N.Jagadish , P.R. Ramesh
				Bhima Super	DOG, Pune	Seeds: Bhima Super	1 Kg	1,500				
				Bhima Shakti	DOG, Pune	Seeds: Bhima Shakti	1 Kg	1,500				

7.3	Redgram	High rate of Sterility Mosaic Diesease (SMD) and wilt disease incidences resulted in reduced yield	Assessment of Red gram varieties for disease tolerance and Higher yield	Local variety	_				3	9000	Per cent disease incidence & yield parameters	B.H.Gowda, P.R.Ramesh, Somashekhar,
				BRG-5	UAS, Bengaluru	Seeds:BRG-5	5 Kg	1,000				
				GRG 811	UAS, Raichur	Seeds:GRG-811	5 Kg	1,000				
				ICPL-87119 (Asha)	UAS, Raichur	Seeds: ICPL-87119	5 Kg	1,000				
7.4	Mushroom	Lack of availability of paddy straw in Tumakuru district. Food insecurity in rural families.	Assessment of Agricultural crop waste as substrate for Oyster mushroom cultivation	-	-			800	5	11,500	Yield(kg), Biological efficiency(%), Labour cost (man days), Cost of Production	Radha R.Banakar, Somashekhar,
				Paddy straw	IIHR, Bengaluru	Oyster Spawn PP Covers Sprayer	10 Kg 2 Kg 1 No.	500 1000				
				Coconut (Leaf stalk + bunch waste)	CPCRI, Kasargod							
				Arecanut husk								
				Ragi straw								
7.6	Groundnut	Drudgery involved in weeding in groundnut	Assessment of weeders as drudgery reducing equipments in Groundnut	Hand weeding in Ground nut.	-			5000	3	15,000	Cost of Production, Quantum of labour saving, Yield(kg/ha)	Radha R.Banakar, Somashekhar,
				Cycle Weeder	ZARS, Hiriyur	cycle weeder	3 Nos.					
				Use of Hand operated Twin Wheel Hoe Weeder	CIAE, Bhopal	Hand operated Twin Wheel hoe Weeder	3 Nos.					
				Balaram Weeder	TNAU ,Coimbatore	balram weeder	3 Nos.					

8. Technology Refinement during 2016-17

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
8.1				1								
				2								
8.2				1								
				2								
8.3				1								
				2								

9. Frontline Demonstrations during 2016-17

Sl. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo(Rs.)	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals													
9.2	Millets													
1.		Ragi	Formation of crust after sowing of Ragi due to the impact of Rain and subsequent failure of germination in dryland red soils, Low germination	**Management of Soil Surface Crust in Red Soils** : FYM: 10 ton/ha Gypsum: 2 ton/ha depending on Soil pH. Arka Microbial Consortium: 25 gm/litre,	Variety	ML-365	AICRPDA, UAS, Bengaluru	Gypsum Arka Microbial Consortium	2ton/ha 100kg/ha	1,500	10	15,000	Bulk density, Soil nutrient status, Yield	P.R.Ramesh, Radha R.Banakar K.N.Jagadish

			leading to 30-40 % reduction in yield (21.6 q/ha in Tumakuru)	200 ml/plant										
9.3	Oilseeds													
2.		Groundnut	Local/Existing varieties are low yielding. More Incidence of foliar diseases in local/existing varieties.	**Demonstration of KCG-6 Groundnut Variety**: New Variety: KCG-6 Seed treatment – Rhizobium and AMC	variety	KCG-6	UAS, Bengaluru	Seeds	115 Kg/ha	3,000	25	75,000	No. of pods per plant, % of Foliar Disease incidence	Somashekhar, Radha Banakar & Jagadish K N
9.4	Pulses													
3.		Pigeon pea	Local/Existing varieties are low yielding in rainfed situation and unable to sustain drought situation More Incidence of pest and diseases in local/existing varieties.	**Enhancement of Pigeon pea yield through introduction of BRG – 5 :** New Variety-BRG-5 Seed treatment – Rhizobium and PSB Neem based and other Insecticide spray for Pest management.	Variety	BRG-5	UAS, Bengaluru	BRG-5 seeds	15 Kg/acre	3000	50	1,50,000	Plant height, Days taken for flowering, no. of pods per plant, yield per plant & total yield	Somashekhar, Radha Banakar P.R. Ramesh, K N Jagadish
9.5	Commercial													

	crops													
9.6	Horticultural crops													
	Fruits													
4.		Pomegranate	Lack of proper and accurate nutrient status diagnosis methodologies leading to indiscriminate and Imbalanced fertilizer application, Severe infestation of BLB and Wilt	ICM in Pomegranate	Variety	Bhagwa	IIHR, Bengaluru	Leaf Tissue Analysis, AMC Actino bacteria Micronutrient Carbendazim Strertptocycline Copper oxychloride Bordeaux mixture (0.1%)	600 12 Kg 10 lit 1 Kg 375 gms 3 kg -	1500 1200 2300 1,200 1,200 1800 1500	05	58500	pH, OC, Major and Secondary and Micro nutrients	P.R.Ramesh, B.H.Gowda J.M.Prashanth,
5.		Mango	Lack of knowledge on Production and PHT like Nutrient and Pest management and proper harvesting, Ripening method, handling, packing,	**Demonstration of Improved practices of production and post – harvest in Mango**: Mango special, Fruit fly traps, Healer cum Sealer, Mango Harvester,	Variety	Alphonso	IIHR, Bengaluru	Mango special Fruit fly traps Sealer cum Healer Mango Harvester Ripening chamber	50 Kg 100 Nos. - 5 2	20,000	2 Groups	40,000	**Yield, % fruit damage, Net income**	Radha R.Banakar, .R.Ramesh, Somashekhar, J.M.Prashanth, B.H.Gowda, K.N.Jagadish

			marketing strategies.	Ripening chamber & Packing in boxes										
	Flowers													
6.		Marigold	Small size flowers, less shelf life, less attractive colour and low yield potential	ICM in Marigold	Variety	Arka Alankar	IIHR, Bengaluru	Rooted cuttings Bio fertilizers –AMC	6,000 /Acre 5 Kg	1,300	5	6,500	Size, Weight, No. of Flowers/plant, Yield	Prashanth J.M., Somashekhar & K.N.Jagadish
7.		China Aster	Small size flowers and diameter, less shelf life, less attractive colour and low yield	ICM in China Aster	Variety	Arka Kamini	IIHR, Bengaluru	Aster Arka Kamini Seeds Bio fertilizers –AMC	750 g/ha 5 Kg	900	10	9,500	Size, Weight, No. of Flowers/plant, Yield	Prashanth J.M., Somashekhar & K.N.Jagadish
8.		Jasmine	Severe incidence of mite resulted in 30-50% yield reduction, non-practice of pruning and lack of micro nutrient application	ICM in Jasmine	Variety	Kakada	IIHR, Bengaluru	Spraying of Propergite 57 % EC 1ml/ltr twice or thrice at fortnightly intervals in 500 - 750 ltr of water/ha. Foliar spray of micronutrients Pruning in	2 lit 4 Kg	400 800	5	6,000	Percent mite incidence, Yield	B.H.Gowda, Prashanth J.M.,

								the month of Mar-April.						
	Vegetables													
9.		Tomato	Weed menace, Low nutrient use efficiency and low yield, Water scarcity, soil borne diseases and pest incidence problem in vegetables cultivation	ICM in Tomato	Hybrid	Private Hybrid	IIHR, Bengaluru	Seeds -100 AMC Vegetable Special Neem Soap Chlorothalonil Polythene mulch (80 micron)	100 gm 15 Kg 6 Kg 2 Kg 1Kg 15 roles	6000	5	25,000	Growth parameters, No of Fruits, Fruit weight, Pest and Disease Incidence, Yield and economics	Prashanth J.M., Somashekhar & K.N.Jagadish
10.		French bean-Arecanut intercropping	Inefficient use of land, weed menace, low soil fertility, lower income	Areca nut + French bean intercropping system	Variety	Arka Suvidha	CPCRI/ CHES Hirehalli	Arka Suvidha seeds Soil sample Analysis	40 kg 10 Nos.	2200	5	11,000	No of pods /plant, Green Pod yield/plant, Nutrient status of inter crop and Yield (t/ha) of main and intercrop	Prashanth J.M., Somashekhar & K.N.Jagadish
11.		Onion	Use of local low yielding varieties. Most of	Integrated crop Management in Onion	Variety	Arka-Kalyan	IIHR, Bengaluru	Arka Kalyan Seeds Vegetable special	5 Kg/ha 8 Kg/ha	4,500	10	45,000	yield, Bulb weight, Purple blotch	Somashekhar & Prashanth J.M, Radha Banakar

			the farmers are using substandard local available seeds.					Imidacloprid Mancozeb Onion Seed drill	250 ml/ha 4 Kg/ha 1 No.				disease	
12.		Fruits and Vegetables	Food and nutritional insecurity among farm women Low consumption of Fruits and Vegetables High cost of Fruits and Vegetables	Nutritional garden for Food security	-	-	UAS, Bengaluru	Vegetable seed kit Seedlings of Mango, Sapota, Papaya Drumstick, Lemon, Guava, Curry leaf, Coriander Chakramuni Polyethene bags, AMC, Vegetable Special, Neem and Pongamia Soap	2 Nos.	2500	5	12500	Average Vegetable production per day, Consumption pattern of a family, Cost of savings through nutritional garden, Assessment of Nutritional status of family members.	Radha R.Banakar, Somashekhar
9.7	Livestock													
9.8	Fisheries													
9.9	Plantation Crops													
13.		Coconut	Poor water holding capacity, 13.7% area reduced due to drought, low nutrient status and	ICM in Coconut	Variety	Tiptur Tall	UAS, Bengaluru	Neem cake French bean seeds Gypsum Neemjal	300 Kg 25 Kg / ha 125 kg / ha 1000ml / ha	1355	10	13550	Nutrient Status, Yield, % disease incidence	P.R.Ramesh, B.H.Gowda, J.M.Prashanth

			low yield, button shedding, mites, stem bleeding, *Ganoderma* wilt					Bordo mixture (Cocide) Hexoconozol	2 Kg / ha 1000 ml / ha					
9.10	Others													
14.		Betelvine	Non application of Chemical Fertilizer, High Pest and Diseases incidence, Poor drained soils, Areca nut is supporting tree and poor decomposed litters, Low nutrient use efficiency and soil fertility Less leaf area and low yield (21 lakh leaves/ha/yr)	Cost Effective Arka Microbial Consortium for high quality and Crop yield of Betelvine	variety	local	IIHR, Bengaluru	Arka Microbial consortium *Trichodermma*	12 kg 4 kg	1200 1000	05	11000	Leaf Area, Nutrient Status, Yield, % disease incidence	P. R.Ramesh, B.H.Gowda, J.M.Prashanth
15.		Wild Boar	Management of Wild Boar in	Installation of Automatic sound			KAU, Thrissur	Automatic sound cracker	1 No.	7,200	4	28,800	Percentage of damage,	B.H.Gowda, J.M.Prashanth

			Farming system	cracker station. Installation of Borep-Wild boar repellent				station. Borep-Wild boar repellent	1 No.				Yield loss	
	EDP													
1.			Lack of awareness on processing and value addition, Untapped Market, Demand during SAC	Jackfruit - value addition, branding and market linkage			UAS, Bengaluru	Weighing balance, Sealing machine, Packing materials and labels	1 No. 1 No. 2 Kg 200 Nos.		02 SHG 's	25,000	Cost of production, Consumer preference & Marketability	Radha R.Banakar, Somashekhar

10. Training for Farmers/ Farm Women during 2016-17

Sl. No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention (OFT/FLD) *	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
10.1	Crop Production							
1		Ragi	Local variety, Water scarcity, Lack of knowledge on processing & value addition	FLD	Integrated crop management and value addition and Processing techniques for Ragi Red soil management in Ragi	2 1	60 30	P.R.Ramesh , Radha R.Banakar, K.N.Jagadish
2		Onion	Lack of quality seeds	OFT, FLD	ICM in Onion	2	60	Dr. Somashekhar,
3		Redgram	Use of local seeds, lack of knowledge about productions practices	Oft, FLD	Improved production technology for red gram IPDM in Redgram	1 1	30 30	Somashekhar B.H.Gowda

4		Groundnut	Use of old variety, susceptible to foliar diseases resulting in low yield	FLD	Integrated crop management in Groundnut	1	30	Somashekhar & P.R.Ramesh
6								
10.2	Horticulture Production							
1		Vegetable crops	Lack of knowledge on improved technology in vegetables	-	Precision farming	1	30	Prashanth J.M., P.R.Ramesh & Somashekhar
2		Fruit crops	Water scarcity, low yield, Lack of knowledge on processing and Value addition	EDP	Integrated nutrient management in rainfed horticulture Processing and Value addition	1 1	30 30	P.R.Ramesh & Prashanth J.M. Radha R.Banakar
3		Arecanut	Monocropping, water scarcity and nut splitting	FLD	Intercropping system & Nutrient management in Areca nut	1	30	P.R.Ramesh & Prashanth J.M
4		Flowers	Local varieties and low yield	FLD	Production practices of Commercial flowers	1	25	Prashanth J.M & K.N.Jagadish
5		Vegetables crops	Water scarcity, low soil fertility and low yield	FLD	Production practices in Tomato	1	30	Prashanth J.M., P.R.Ramesh & K.N.Jagadish
6		Dry land Hort	Drought, low soil fertility and low yield	-	Dry land horticulture	1	30	Prashanth J.M., P.R.Ramesh & K.N.Jagadish
7		IFS	Non sustainability in farming	-	Importance of Horticulture in IFS	1	30	Prashanth J.M & P.R.Ramesh
		Banana	Low plant population and low yield	-	Production practices in banana cultivation	1	30	Prashanth J.M & P.R.Ramesh
10.3	Livestock Production							
1		**Fodder crops**	Low yield	-	Recent technologies in forage crops	1	30	Somashekhar Radha R. Banakar P.R.Ramesh & K.N.Jagadish

10.4	Home Science							
1		IGA	Unemployment, Lack of knowledge on value addition, Processing & branding	-	Processing and value addition in minor millets	1	30	Radha R. Banakar & Somashekhar
10.5	Plant Protection							
1		Mango	Powdery Mildew , Hoppers Fruit fly, Stem borer	-	IPDM in Mango	1	30	B.H Gowda, P.R. Ramesh & K.N.Shashidhar
2		Redgram	Severe wilt, SDM and fruit borer	OFT	IPDM in Redgram	1	30	B.H Gowda, P.R. Ramesh & K.N.Shashidhar
3		Pomegranate	Wilt, Bacterial blight	FLD	Pest and Disease management in Pomegranate	1	30	B.H Gowda, P.R. Ramesh & Prasanth JM
4		Horticulture crops	Wild bore problem	FLD	Wild bore management	1	30	B.H Gowda, P.R. Ramesh & Prasanth JM
10.6	Production of Inputs at Site							
1		Compost production	Low nutrient status, imbalanced nutrition		Method of compost production	1	30	P.R.Ramesh Prashanth J.M & K.N.Shashidhar
2		Arka Microbial consortium	Low nutrient use efficiency	FLD	Use of Arka microbial consortium	1	30	P.R.Ramesh , Prashanth J.M & K.N.Shashidhar
3		Seed production	Lack of awareness about vegetable seed production	-	ICM in French bean	1	30	Prashanth J.M , Somashekhar
10.7	Soil Health and Fertility							
1		Biofertilizers production	Low nutrient use efficiency	FLD	Enhancement of soil fertility through different bio-fertilizers	1	30	P.R.Ramesh , K.N. Jagadish & K.N.Shashidhar
2		Soil and water	Soil degradation , water runoff	-	Soil and water conservation	1	30	P.R.Ramesh , K.N.Jagadish

		conservation						
3		Organic farming	Poor soil health	-	Organic farming in horticulture crops	1	30	P.R.Ramesh & K.N.Jagadish
4		Soil plant, and water testing	Poor nutrient status	-	Importance of Soil and water testing	1	30	P.R.Ramesh , K.N.Jagadish & K.N.Shashidhar
5		Soil sampling methods	Lack of awareness	-	Method of soil sampling	1	30	P.R.Ramesh &K.N.Shashidhar
6		Leaf analysis	Low nutrient content, deficiency symptoms	FLD	Sampling method for leaf analysis	1	25	P.R.Ramesh & K.N.Shashidhar
10.8	PHT and value addition							
1		Processing & Value addition	Lack of knowledge on Post harvest technology and Mal nutrition	FLD	processing, value addition and marketing techniques in ragi	2	60	Radha R. Banakar & Somashekhar
2		Mango	Lack of knowledge on PHT	FLD	Demonstration on Mango harvester, low cost ripening chamber and packing	1	30	Radha R. Banakar & Somashekhar K N jagadish
3		Fruits & Flowers	Lack of knowledge on PHT	-	Processing and value addition	1	30	Radha R. Banakar & Somashekhar K N jagadish
10.9	Capacity Building Group Dynamics	ICT	Lack of communication , slow spread of technology	-	ICT for farm entrepreneur	1	25	K.N.Jagadish
10.10	Farm Mechanization	Farm Mechanization	Labour scarcity, high cost involved, low efficiency	OFT	Farm Mechanization	1	30	Somashekhar Radha R. Banakar
10.11	Fisheries Production Technologies	-						
10.12	Mushroom production	Mushroom Cultivation	Mal nutrition & low income	-	Mushroom cultivation	2	60	Radha R. Banakar & Somashekhar
10.13	Agro forestry							
10.14	Bee Keeping							
10.15	Sericulture							
10.16	**Others, pl.**							

	specify							

11. Training for Rural Youth during 2016-17

Sl.No.	Thematic area	Crop / Enterprise	Major problem	Related field intervention (OFT/FLD)*	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
11.1	Crop Production							
11.2	Horticulture Production	Vegetables	Poor quality seedlings and germination	-	Raising of quality vegetables seedlings through pro-trays	01	30	Prashanth J.M. P R Ramesh & K.N.Jagadish
	Urban horticulture	Vegetables	Mal Nourishment	-	Nutrition gardening	01	30	Prashanth J.M. Radha R Banakar Somashekar P R Ramesh & K.N.Jagadish
11.3	Livestock Production			-				
11.4	Home Science	-						
		Ragi	Lack of knowledge on processing & value addition	-	Processing & value addition to Ragi	02	50	Radha R.Banakar, Somashekhar & P.R.Ramesh
11.5	Plant Protection							
		Pomegranate	High incidence of pest and diseases	FLD	IPDM in Pomegranate	1	30	B.H Gowda, P.R. Ramesh & K.N.Shashidhar.
11.6	Production of Inputs at Site							
		Vermi compost	Low nutrient status, imbalanced nutrition	-	Method of vermicompost production	1	30	P.R.Ramesh K.N.Jagadish & K.N.Shashidhar
11.7	Soil Health and Fertility							
11.8	PHT and value addition							

11.9	Capacity Building Group Dynamics							
11.10	Farm Mechanization							
11.11	Fisheries Production Technologies							
11.12	Mushroom production	Mushroom	Lack of Awarness on Mushroom Cultivation	OFT	Mushroom cultivation	1	30	Radha R. Banakar & Dr. Somashekhar
11.13	Agro forestry							
11.14	Bee Keeping		Lack of Awarness on Honey bee keeping	-	Honey bee keeping	1	30	P.R.Ramesh , B.H.Gowda & K.N.Jagadish
11.15	Sericulture							
	Others, pl. specify							

* Title of intervention/title of technology, ** Training title should specify the major technology/skill to be transferred.

12.Training for Extension Personnel during 2016-17

Sl. No.	Thematic area	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production				
		Production practices in Vegetables	1	20	Somashekar & Prashanth JM
12.2	Home Science	Health & Nutrition	1	20	Radha R Banakar & Somashekar
		IGA for SHG groups	1	20	Radha R Banakar & Somashekar
12.3	Capacity Building and Group Dynamics				
12.4	Horticulture				
		Use of Arka Microbial Consortium in Vegetable	1	20	P R. Ramesh , Prashanth JM & K.N.Jagadish

		production			
12.5	Livestock Production & Management	Recent technologies in forage crops	1	**20**	Somashekar & K.N.Jagadish
12.6	Plant Protection				
		IPDM in Coconut	1	25	B.H Gowda, P.R. Ramesh & Shashidhar.K.N
		IPDM in Arecanut	1	25	B.H Gowda, P.R. Ramesh & Shashidhar.K.N
12.7	Farm Mechanization	-			
12.8	PHT and value addition				
12.9	Production of Inputs at Site				
12.10	Sericulture				
12.11	Fisheries				

13. Vocational trainings during 2016-17

Sl.No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Expected No. of participants	Sponsoring agency if any	Names of the team members involved
13.1	Crop Production						
13.2	Home Science						
13.3	Horticulture	Propagation Techniques in Fruit Crops	1(7)	Youth	20	Dept. of Horticulture	Prashanth JM & K.N.Jagadish
13.4	Livestock Production & Management						
13.5	Plant Protection	NSKE preparation	1(3)	Youth	20	-	B.H Gowda, P.R. Ramesh & Prasanth JM
13.6							

13.7	Farm Mechanization						
13.8	PHT and value addition	PHT in horticultural crops	1(5)	SHGs	20	-	Radha R Banakar, Somashekhar
13.9	Production of Inputs at Site	Production technology of Arka Coco peat	1(3)	Youth	20	-	P.R. Ramesh & K.N.Jagadish
13.10	Sericulture						
13.11	Fisheries						
13.12	Mushroom Production	Mushroom Cultivation and Value addition	1(3)	Youth	20-		Radha R Banakar, Somashekhar

14. Sponsored trainings during 2016-17

Sl. No.	Thematic area and the Crop/Enterprise	Training title	No. of programmes and Duration (days)	Type of Clientele (SHGs, NYKs, School students, Women, Youth etc.)	Expected No. of participants	Sponsoring agency	Names of the team members involved
14.1	Crop Production						
		Improved Seed production in Red gram (sp by KSSC LTD.Tumakuru)	1(1)	Youth	30	KSSC	Somashekar & Prashanth JM
		Vegetable seed Production (sp by KSSC LTD.Tumakuru)	1(1)	Youth	30	KSSC	Somashekar & Prashanth JM
14.2	Home Science						
		Value addition to minor millets	1(1)	SHGs, Women	30	Agriculture Dept.	Radha R Banakar & Somashekar
14.3	Capacity Building and Group Dynamics						
14.4	Horticulture	High density Planting in Horticulture Crops	1(1)	Youth	30	Dept. of Horticulture	Prashanth JM P R. Ramesh K.N.Jagadish

							& Somashekar
14.5	Livestock Production & Management						
14.6	Plant Protection						
		IPDM in Pomegranate	1(1)	Rural youths	30	Dept. of Horticulture	Hanumanthegowda, PR Ramesh & Shashidhar.K. N
14.7	Farm Mechanization						
14.8	PHT and value addition						
		Processing & Value addition of Horticultural Crops	1(1)	SHGs	30	Dept. of Horticulture	Radha R Banakar & Somashekar
14.9	Production of Inputs at Site	Organic farming practices	1 (1)	Youth	30	Horticulture & Agriculture Dept.	P R. Ramesh & K.N.Jagadish
14.10	Sericulture						
14.11	Fisheries						

15. Extension programmes during 2016-17

Sl. No.	Extension programme*	No. of programmes or activities	Expected No. of participants	Names of the team members involved
15.1	Advisory Services	140	800	All SMS
15.2	Diagnostic visits	35	185	B.H Gowda, Prashanth JM P R. Ramesh K.N.Jagadish & Somashekar
15.3	Field Day	10	850	All SMS
15.4	Group discussions	8	140	All SMS

15.5	Kisan Ghosthi	01	400	All SMS
15.6	Film Show	06	200	All SMS
15.7	Self -help groups	10	150	K.N.Jagadish & Radha R Banakar
15.8	Kisan Mela	01	500	All SMS
15.9	Exhibition	10	2000	K.N.Jagadish
15.10	Scientists' visit to farmers field	20	120	All SMS
15.11	Plant/Soil health/Animal health camps	05	1000	Prashanth JM P R. Ramesh B. H Gowda , K.N.Jagadish & Somashekar
15.12	Farm Science Club	-	-	-
15.13	Ex-trainees Sammelan	-	-	-
15.14	Farmers' seminar/workshop	1	100	All SMS
15.15	Method Demonstrations	10	200	All SMS
15.16	Celebration of important days	3	200	All SMS
15.17	Special day celebration	5	150	All SMS
15.18	Exposure visits	4	100	K.N.Jagadish
15.19	Technology week	1	500	K.N.Jagadish
15.20	FFS	-	-	-
15.21	Farm innovators meet	1	100	All SMS
15.22	Awareness programs	2	100	All SMS
15.23	Others, pl. specify Lectures delivered	60	2400	All SMS

16.Activities proposed as Knowledge and Resource Centre during 2016-17

16.1 Technological knowledge

Sl.No.	Category	Details of Technologies	Area (ha)/ Number	Names of the team members involved
16.1.1	Technology Park/ Crop cafeteria	Display of Agri-Horti Technologies through Demonstrations in KVK Farm	0.4 ha	PC, Farm Manager Somashekhar JM Prashanth. P.R. Ramesh ,BH Gowda, K.N.Jagadish & Radha R

				Banakar
16.1.2	Démonstration Unit	• Precision Farming • Graviola Block • AMC Unit • Bio-digester • VAM Production unit • Coconut Germplasm (Dwarf) collection • Bio liquid formulations • Livestock (Hallikar) • Arka Cocopeat Production Unit • Terrace Gardening • Farm pond with Plastic lining. and Fishery • Biogas Production • Sheep and Goat rearing Unit • Conservation Agriculture • Farm Machinery Custom Hiring Center	15 Nos.	KVK, Team, Hirehalli
16.1.3	Lab Analytical services	SWTL	1	P.R. Ramesh
16.1.4	Technology Week	• Seed Production Techniques • Propagation Techniques in Horticulture Crops & Farm Mechanization • Bio Pesticides & Bio Control Aagents • Bio Fertilizers& Micronutrients & Organic farming practices • Value Addition in Food Crops • New Technologies of IIHR	01	KVK, Team,Hirehalli

16.2 Technological Products

Sl.No.	Category	Name of the Production Partner Agency, if any	Name of the product	Quantity (q)/ Number planned to be produced during 2016-17	Names of the team members involved
16.2.1	**Seeds**				
			Vegetable varieties	292 Kg	Dr. Somashekar , Prashanth JM , PR Ramesh , Parshuram , Radha R. Banakar
			Ragi	500 kg	
			Fox tail millet	200 kg	
			Redgram- BRG4	200 kg	
			Mushroom Spawn	1500 Kg	
			Vegetable Seed Kit	5000 Nos.	
16.2.2	**Planting materials**				-
			Mango, Guava, Arecanut, coconut , Tamarind Jamoon , Lime Vegetables seedlings	0.93 lakh	Prashanth JM , Somashekar, PR Ramesh, KN Jagadish & Parshuram
16.2.3	**Bio-products**				
			Fruit fly trap, Sealer cum Healer Neem & Pongamia Soap	5000 1000 Kg 3000 Kg	P.R Ramesh, B.H.Gowda Shashidhar.K.N
			Arka Microbial Consortium	2.0 ton	PR Ramesh & B.H.Gowda
16.2.4	**Livestock strains**				
16.2.5	**Fish fingerlings**				
16.2.6	**Other Products**		Amla Value Added Products	Juice-1000 ltrs Candy-200 Kg Supari-25 Kg	Radha R. Banakar
			Ragi value added products	Ragi Malt- 100 Kg	
	Micronutrient Products		Banana Special Vegetable Special Mango Special	3 ton 2 ton 2 ton	P R Ramesh, Hanumanthegowda & Shashidhar.K.N

			Citrus special	1 ton	
	Areca nut Plate Making		Arecanut plate	0.20 Lakh	Shashidhar.K.N

16.3 Technological Information

	Category	**Technological capsules / Number**	**Names of the team members involved**
16.3.1	Technology backstopping to line departments		
	Agriculture	Bio Pesticides, Bio control agents & Bio fertilizers	Ramesh P.R. & BH Gowda
	Horticulture	Seed to Seed in French Bean, Okra , Onion Propagation Techniques in Horticulture Crops, High Density planting in Horticulture Crops Micronutriments in Horticulture Crops Protected Cultivation	Dr. Somashekar & Prashanth J.M. Ramesh P.R
	Animal Husbandry	-	-
	Fisheries	-	-
	Agricultural Engineering	-	-
	Sericulture	-	-
	Others, pl. specify		
16.3.2	Literature/publication	15	KVK, Team
16.3.4	Electronic Media	05	
16.3.5	Kisan Mobile Advisory Services	30	
16.3.6	Information on centre/state sector schemes and service providers in the district.	-	

17. Additional Activities Planned during 2016-17

Sl. No.	**Name of the agency / scheme**	**Name of activity**	**Technical programme with quantification**	**Financial outlay (Rs.)**	**Names of the team members involved**
17.1	RKVY ,GOI	Participatory Vegetable Seed Production and distribution system	• Establishment of seed processing unit (1500 sq ft.)	10 Lakhs	Dr.N.Loganandhan Dr. Somashekhar

17.2	CRIDA, Hyderabad	Technology demonstration component - NICRA	• Farm ponds -12 Nos. • Institutional arrangements- 02 • Crop production -80 ha • Dry land Horticulture -10 ha • Leveling -2ha • Trench cum bunding -2 ha • NRM Works -5 ha	15 Lakhs	PC & ALL SMS
17.3	NHM, GOK	Establishment model Nursery at KVK Hirehalli	• Polyhouse 500 sqmt	6 Lakhs	PC & Prashanth JM, Somashekhar and Jagadish KN
17.4	NABARD, Tumakuru	Establishment of Arka Microbial Consortium Production Unit	• Production of AMC- 2 tons/year	4.8 Lakhs	PC, P.R.Ramesh,
17.5	ZP, Tumakuru	Empowerment of Rural Women Groups through Nutrition Gardening	• Vegetable Seed Kit- 1000 Nos. + AMC- 500 Kg + Vegetable Special-500 Kg + Neem Soap-500 Kg	6 Lakhs	PC, Radha R.Banakar, Somashekhar, P.R. Ramesh, B.H.Gowda
17.6	CRIDA, ICAR, GOI	Conservation Agriculture	• Green Manuring-2 ha , Conservation equipments.	0.5 Lakhs	PC, P.R.Ramesh,

18. Revolving Fund

18.1 Financial status

Opening balance as on 01.04.2015 (Rs.in Lakh)	Expenditure incurred during 2015-16 (Rs.in Lakh)	Receipts during 2015-16	Closing balance as on 31.01.2016 (Rs.in Lakh)	Expected closing balance by 31.03.2016 (Including value of material in stock/ likely to be

		(Rs.in Lakh)		**produced)**
34,62,286	34,49,934	44,08,393	44,20,745	50,00,000

18.2 Plan of activities under Revolving Fund

Sl. No.	Proposed activities	Expected output	Anticipated income (Rs. In Lakhs)	Names of the team members involved
18.2.1	Seed Production	1192 Kg	8.28	Somshekhar, Prashanth J.M.
18.2.2	Planting material production	0.93 Lakhs seedlings	17.10	Prashanth J.M.,K.N.Jagadish & Somashekhar,
18.2.3	Arka Microbial consortium	2000 Kg	1.5	P R Ramesh & BH Gowda
18.2.4	Micronutrient special	8000 Kg	12	P R Ramesh & BH Gowda
18.2.5	Soil , water & leaf analysis	2500 Nos	2.5	P R Ramesh & BH Gowda
18.2.6	Neem and Pongamia Soap	3000 Kg	4.25	B.H Gowda , P R Ramesh, Shashidhar K.N
18.2.7	Mango fruit fly trap and Healer cum Sealer	25000 Nos. & 1000 Kg	26	B.H Gowda , P R Ramesh, Shashidhar K.N
18.2.8	Arecanut plate making	20000 Nos.	0.30	Shashidhar K.N
18.2.9	Mushroom Spawn	1500 Kg	1.2	Radha R. Banakar , Somshekhar
18.2.10	Amla Juice/Candy/Supari -	1000 lts/200 Kg /25 Kg	1.98	Radha R. Banakar, Somshekhar
18.2.11	Ragi Malt	100 Kg	0.2	
18.2.12	Vegetable Seed Kit	5000 Nos.	5	Somshekhar

19. Activities of soil, water and plant testing laboratory during 2016-17

Sl.No.	Type	No. of samples to be analyzed	Names of the team members involved
19.1	Soil	**1000**	P.RRamesh, & Shashidhar K.N
19.2	Water	**703**	P.RRamesh & Shashidhar K.N
19.3	Plant	**10**	P.RRamesh, B.H.Gowda,& Shashidhar K.N
19.4	Others -Compost	**7**	.RRamesh & Shashidhar K.N

20. E-linkage during 2016-17

Sl. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any

20.1	-	-	-
20.2	-	-	-
20.3	Any other (Please specify)	-	-

21. 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
21.1	-	-
21.2	-	-

22. Innovator Farmer's Meet

Sl.No.	Particulars	Details
22.1	Are you planning for conducing Farm Innovators meet in your district?	Yes
22.2	If Yes likely month of the meet	27th February 2017
22.3	Brief action plan in this regard	Innovative farmers will be invited & awarded

23. Farmers Field School (FFS) planned

Sl. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1	-	-	-

24. Budget - Details of budget utilization (2015-16) up to 31st January 2016

(Rs.)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
24.1	**Recurring Contingencies**			
24.1.1	**Pay & Allowances**	89,83,000		74,98,239
24.1.2	**Traveling allowances**	90,000		98,602
24.1.3	**Contingencies**			
24.1.4 .A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	80,000		79,810
B	POL, repair of vehicles, tractor and equipments	1,00,000		1,08,915
C	Meals/refreshment for trainees	50,000		49,138
D	Training material	25,000		25,000
E	Frontline demonstration except oilseeds and pulses + NFSM	2,61,000		1,50,286
F	On farm testing	29,000		29,000
G	Training of extension functionaries	0		0
H	Maintenance of buildings	0		0
I	Establishment of Soil, Plant & Water Testing Laboratory	0		0
J	Library	5,000		0
K	Extension Activities	50,000		33,709
24.1	**Total Recurring**	**96,73,000**	**72,54,218**	**80,72,699**
24.2	**Non-Recurring Contingencies**			
24.2.1	**Works**			
24.2.2	**Equipments including SWTL & Furniture**			
24.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
24.2.4	**Library**			
24.2	**Total Non Recurring**	**0**		**0**
24.3	**REVOLVING FUND**			**34,49,934**

24.4	**GRAND TOTAL (A+B+C)**	**96,73,000**	**72,54,218**	**1,15,22,633**

25. Details of Budget Estimate (2016-17) based on proposed action plan

Sl. No.	Particulars	BE 2016-17 proposed (Rs.)
25.1	**Recurring Contingencies**	2,00,00,000
25.1.1	**Pay & Allowances**	2,00,000
25.1.2	**Traveling allowances**	
25.1.3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	1,50,000
B	POL, repair of vehicles, tractor and equipments	2,00,000
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1,00,000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	50,000
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) + NFSM	4,61,000
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1,50,088
G	Training of extension functionaries	50,000
H	Maintenance of buildings	1,00,000
I	Establishment of Soil, Plant & Water Testing Laboratory	50,000
J	Library	5,000
25.1	**TOTAL Recurring Contingencies**	**2,14,66,388**
25.2	**Non-Recurring Contingencies**	
25.2.1	**Works**	5,00,000
25.2.2	**Equipments including SWTL & Furniture**	2,00,000
25.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-
25.2.4	**Library** (Purchase of assets like books & journals)	1,00,000
25.2	**TOTAL Non-Recurring Contingencies**	**8,00,000**
25.3	**REVOLVING FUND**	-
25.4	**GRAND TOTAL**	**2,22,66,388**

-------XXXXXXX-------