ICAR-Agricultural Technology Application Research Institute, BANGALORE

ACTION PLAN OF KVKs IN ZONE VIII FOR 2017-18

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	ICAR-Krishi Vigyan Kendra, Hanumanamatti, Ranebennur Taluk, Haveri District, Karnataka State Ph: 08373-253524, Fax: 08373-253524 Email: kvk_haveri@rediffmail.com
1.2	Name and address of host organization	:	University of Agricultural Sciences, Krishi Nagar, Dharwad
1.3	Year of sanction	:	1976
1.4	Website address of KVK and date of last update		www.kvkhaveri.org and last updated on 07.02.2017

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	Programme Coordinator	Sarojani Karakannavar	Home Science	37400-67000	10000	08.07.14	
2.2	Subject Matter Specialist	S.A. Ashtaputre	Plant Pathology	37400-67000	10000	11.06.11	
2.3	Subject Matter Specialist	D.S.M. Gowda	Ag. Engg	37400-67000	9000	09.06.11	
2.4	Subject Matter Specialist	S.Y. Mukartal *	Animal Science	15600-39100	6000	06.07.09	
2.5	Subject Matter Specialist	Geeta S. Tamgale	Home Science	15600-39100	6000	01.07.09	
2.6	Subject Matter Specialist	Yashaswini Sharma	Horticulture	15600-39100	6000	30.04.16	
2.7	Subject Matter Specialist	P. Ashoka	Agronomy	15600-39100	7000	02.05.16	
2.8	Programme Assistant	Vacant	-	-	-	-	
2.9	Computer Programmer	Rekha K. N.	Prog. Asst. (Computer)	9300-34800	4200	12.11.08	
2.10	Farm Manager	Kallesh D T	Farm Manager	9300-34800	4200	14.07.16	
2.11	Accountant/Superintendent	Kavita S Lohar	Assistant	16000-29600	-	23.07.15	
2.12	Stenographer	Sabbir K Belekeri	Typist	-	-	-	7300/-
2.13	Driver 1	Bellappa N Indaragi	Driver (LMV)	11600-21000	-	16.02.15	
2.14	Driver 2	Ramesh	Tractor driver	-	-	-	7300/-
2.15	Supporting staff 1	K. B. Belakeri	Supporting staff Grade-II	10400-16400	-	01.07.02	
2.16	Supporting staff 2	H. Y. Jamunal	Cook cum care taker	11600-21000	-	10.12.16	

*** On Study leave for Ph.D**

3. Details of SAC meeting conducted during 2016-17

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2017-18
3.1	10.06.2016	Pigeon pea seed prodcution and increasing area of Pigeon pea	ICM activities including seed production of Pigeon pea have been under taken at Rattihalli, Burdibasapura & Kerematthihalli through group discussion, field visits, method demonstration (Seed treatment, foliar nutrient application, nipping and pulse magic spray), training, farmers advisories, field days	July-2017
3.2		Soyabean / Cowpea intercropping demonstration in Sugarcane	Farmers have been advocated by KVK for promotion of soybean / cowpea intercropping in Sugarcane at Sangur, Guttal, Mushtoor villages	
3.3		Increasing Krishi Munnade subscribers (minimum 1000 farmers)	125 farmers are subscriber	
3.4		Increasing awareness about Bee keeping and installation of Bee colonies at KVK, Hanumanamatti	• Two day training programme on Apiculture (Bee keeping, Sustainable harvesting and maintenance of colony) was conducted on 30.11.2016 & 01.12.2016. Around 87 farmers were participated in the programme. Particle demonstration was conducted at farmers field. • In IFS programme Bee keeping box with colonies was given in Asundi Village. • Field visits for bee keeping activities for 90 farmers were conducted at Kamanahalli (Sri. Muttanna Pujar) and Hireanaji (Sri. Hemanna Barangi).	
3.5		Reclaimation of problematic soil demonstration at Mustur village	Suggested sub surface drainage. Apply Gypsum @ 1 t/ac.Field visits were conducted by scientists .	
3.6		Planning of Integrated crop management programmes in Onion and chilli	FLD on ICM in onion variety Arka kalyan was conducted in two villages Asundi & Itagi in 15 acres. FLD on ICM in Chilli was conducted in Kajjari village of 10 acres.	
3.7		Introduction of New groundnut varieties to Haveri district	GPBD-4 & 5were already covered larger area in Haveri district. Dh-101 a *Rabi* variety was introduced during 2015-16. Totally all these varieties covering 70-80 % of groundnut area in Haveri district	
3.8		Giving more importance to millet programmes and to see that sufficient seed availablity in the station	Action has been under taken in this regard by conducting FLD's in millets crops along with value added products of millets. Also trainings, exhibition of millets crops and making provision for availability of sufficient seeds of millets at KVK about 90 kg of foxtail millet seeds (DHFt-109-3) & 70 kg of little millet seeds (DHLM-36)	
3.9		Try to get Best KVK award meant for 40 year old KVK	Efforts have been under taken to meet the requirement of best KVK award through effective training programmes / workshop, FLD / OFT/ Consultancy/ Field visits/ Exhibitions, Extension programmes,news paper coverage,exposure visits to farmers,community radio station initiation ,PPVFRA programmes etc.	
3.10		Farmers who completed three years should be replace with new SAC farmers of adopted villages	Will be implemented as and when term completed	

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2017-18
3.11		During presentation action oriented photograhs should be inculded	Implemented	
3.12		Giving more importance to Skill based training programmes (Ex. Terrace gardening)	• Terrace gardening & Apiculture training were conducted • Skilled trainings for Trichoderma production technology to students • Soil testing training programmes • Vermicomposting	

4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2017-18

S. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	RS and GIS (21 days)	NRSA, Nagpur	Futuristic approach
4.1.2	Carbon sequestration (21 days)	CRRI, Cuattak	Educate farmers on Carbon management
4.1.3	• Dynamic web page designing • Technology model development • Multimedia designing	-	Needs up gradation
4.1.4	Personality development	KKID, Coimbatore	Personality development
4.1.5	Building alliance through team ship	KKID, Coimbatore	To build team building skills
4.1.6	Value addition to minor millets	CFTRI, Mysore	To learn value addition technologies
4.1.7	Process documentation for development personnel	NAARM, Hyderabad	To learn documentation techniques for KVK activities
4.1.8	Soil testing kits updates	IARI, New Delhi	Documentation & Soil testing
4.1.9	Mobile App developing	MANAGE, Hydrabad	To develop Agricultural apps

4.2. Cross-learning across KVKs during 2017-18

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring – KVK, Gadag, Sirsi, Bijapur Dharwad	Skills in extension training, Value addition to Minor millets and Amla Seeds, planting materials, fodder slip, cultivation practices of Arecanut and medicinal aromatic plants , Formation of commodity groups
4.2.2	Within the zone – KVK, Dharmavaram, Shimoga, Chitradurga	Precision farming Skills in extension training Sharing of knowledge in crop science
4.2.3	Outside zone – KVK, Baramati	Soil data management and software

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise,resources and activities during 2017-18

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, Gadag, Dharwad,	Extension skills, dry land agriculture, seeds, millets processing & Animal Science	Extension skills, dry land agriculture, seeds
5.2	KVK, Davanagere	Seeds, fertilizer, seedlings and Banana special	Seeds, fertilizer, seedlings
5.3	KVK, Shimogga	Seeds, transplanting technology in rice and Animal Science	Seeds, transplanting technology in rice
5.4	KVK, Uttara Kannada	Seeds, planting materials, fodder slip, cultivation practices of Arecanut and medicinal aromatic plants.	Seeds, seedlings, fodder
5.6	KVK, Hiriyur	Soil & water management skills & farmers contact	Ways & Means Farmers contact for impact study of soil & water management.

6. Operational areas details proposed during 2017-18

S. 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	Paddy	Micro nutrient deficiency in paddy field area	650 ha	• Belur (Ranebennur)	OFT
6.2	Maize	Deficiency of micro nutrients and including boron role in Maize	80 ha	• Antaravalli (Ranebennur)	OFT
6.3	Onion	Severe thrips & purple blotch infestation reducing the yield	350 ha	• Itagi (Ranebennur)	OFT
6.4	Chilli	Low yield and inferior quality	2500 ha	• Lakamajikoppa (Byadgi) • Masur (Hirekerur)	OFT
6.5	Vegetable seedling transplanter	Labour scarcity & Drudgery	-	• Kakol (Ranebennur) • Itagi (Ranebennur) •	OFT
6.6	Paddy	Micro nutrient deficiency in paddy field area	4621 ha	• Nalavagalu (Ranebennur) • Belur (Ranebennur)	FLD
6.7	Sorghum	• Low yield due to use of local variety • Lodging and poor fodder quality	8000 ha	• Itagi (Ranebennur) • Kuppelur (Ranebennur)	FLD
6.8	Foxtail millets	• Low yield • Lack of awareness on new varieties	3057 ha	• Neeralagi (Haveri) • Basapur (Haveri)	FLD
6.9	Little millets	• Low yield • Lack of awareness on new varieties	3057 ha	• Halagi (Haveri) • Guttal (Haveri)	FLD
6.10	Black gram	• Low yield, fallow land harvest paddy & poor management	250 ha	• Chandapur (Ranebennur)	FLD
6.11	Red gram	• Low yield (16-18 q/ac) • Lack of knowledge about Biofertilizer • Excess use of fertilizer • BPH infestation (30%) • Blast (35-40 %)	320 ha	• Hombaradi (Haveri) • Itagi (Ranebennur)	FLD

S. 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.)*
6.12	Bengal gram	• Deficiency of micro nutrients and including boron role in Maize	480 ha	• Antravalli (Ranebennur) • Itagi (Ranebennur)	FLD
6.13	Onion	• Low yield (160-180q/ha) in local varieties needs replacement of varieties • High incidence purple blotch	1200 ha	• Itagi (Ranebennur) • Asundi (Ranebennur)	FLD
6.14	Cabbage	Increased infestation of DBM and black rot disease reducing the yield	450 ha	• Mallur (Byadgi) • Shankaripura (Byadgi)	FLD
6.15	Betel vine	• Low yield • Incidence of wilt	1350 ha	• Medleri (Ranebennur) • Negaluru (Haveri)	FLD
6.16	Mango	• Flower dropping • Fruit dropping • Powdery mildew incidence • Low yield due to poor fruit set.	2500 ha	• Hangal (Hangal)	FLD
6.17	Fodder Bank	• Low productivity of milk due to non feeding of green fodder	1000 ha	• Kajjari (Ranebennur) • Ranebennur (Ranebennur) • Shiggaon (Shiggaon)	FLD
6.18	Nutrition garden	• Malnutrition in school children	Nil	• Basapur (Haveri) • Asundi (Ranebennur) • Hanumanamatti(Ranebennur)	FLD
6.19	Foxtail & Finger millet Vermicelli	Lack of awareness on production technology	-	• Aladakatti (Haveri) • Timmapur (Shiggaon) • Halageri (Ranebennur)	FLD
6.20	Cookies	Lack of knowledge	-	• Ranebennur (Ranebennur) • Byadgi (Byadgi)	FLD

7. Technology Assessment during 2017-18

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
7.1	**Paddy**	Micro nutrient deficiency in paddy field area	Assessment of Boron application in paddy	T_1	Farmers' practice:	-	-	-	-	05	7125	• Plant height (cm) • No. of panicle / Plant • No. of filled grains /panicle • Grain yield (q/ha) • Soil Boron status(ppm) (Initial & after harvest)	• Agronomy • Pl Path.
				T_2	RDF (100:50:50 NPK kg/ha. + ZnSO4 20 kg/ha)	UAS, Dharwad	ZnSO4	4 kg	320				
				T_3	TO2 + Soil application of Boron at 2 kg /ha	ICRISAT, Hyderabad	ZnSO4	4 kg	320				
							Borax	4 kg	440				
				T4	TO2 + Foliar Spray of 0.2% Boron at flowering	DRR Hyderabad	ZnSO4	4 kg	320				
							Solubor	200 g	25				
				Treatments :0.5 ac each				**Total**	**1425**				
7.2	**Maize**	Lack of vegetative growth & seed filling due to deficiency of micro nutrients resulting reduced yield (15-20%)	Response of Soil and foliar application of micro nutrients (Zn, Fe & B) in maize	T_1	Farmers' practice					02	1346	• No. of grains/cob • Cob length (cm) • Cob girth (cm) • Yield (q/ha) • Economics	• Agronomy • Pl Path.
				T_2	RDF (Soil application of 4 kg ZnSO4 + 4 kg FeSO4 + 10 kg FYM) /ac	UAS, Dharwad	Zinc sulphate	2 kg	160				
							FeSO4	2 kg	100				
				T_3	RDF + Soil application 0.8 kg /ac borax + Foliar application of 0.5% ZnSO4 + 0.5% FeSO4 + 0.1 % solubor @ 30 & 45 DAS	TNAU	Zinc sulphate	2.250 kg	180				
							FeSO4	2.250 kg	113				
							Borax (Soil application)	0.4 kg	50				
							Solubor (Foliar application)	500 gm	70				
				Treatments :0.5 ac each				**Total**	**673**				
7.3	**Onion (K)**	Severe thrips & purple blotch infestation in onion	Thrips & purple blotch management in onion (K)	1. Farmers' practice						05	6750	• Pest & disease incidence • Yield (q/ha) • Economics	• Pl. Path. • Horticulture • Agronomy
				2. 2 sprays of *Lecanicilium lecan*i @ 2 g /L + Sol. Boron @1g/L		NRC for Onion & Garlic, (Pune)	*Lecanicillium lecanii*	1 kg	250				
							Sol. Boron	250 g	150				
				3. 2 sprays of Fipronil @ 1 ml/L + Difenconazole (1 ml/L) + Sol. Boron @1g/L			Fipronil	250 ml	500				
							Difenconazole	250 ml	300				
							Sol. Boron	250 g	150				
				Treatments : 0.5 ac each				**Total**	**1350**				

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
7.4	**Chilli**	• Low yield (35-40 %) • Inferior quality of Green chilli • 45-50% Disease incidence	Enhancement of yield in Green chilli	1. Farmers' practice					05	25950	• Yield (q/ha) • Disease incidence • Economics	• Horticulture • Pl Path. • Agronomy
				2. Seed treatment Metalaxyl MZ (2 g/kg) + Seedling dip-Imidacloprid (0.5 ml/L) + Spraying 50 ppm (1 ml/ 4 L water) NAA during flowering + Difenthuron (0.5 g/L) at 45 & 60 days of planting, Fenazaquin (2 ml/L) at time of mite incidence	UAHS, Bagalkot	Metalaxyl MZ	5 g	25				
						Imidacloprid	50 ml	150				
						NAA	100 ml	120				
						Difenthuron	125 g	500				
						Fenazaquin	250 ml	650				
				• Treatment 2 (Recommended practices) & • 40 Mesh insect proof net in nursery • 3 sprays of vegetable spl. @ 5 g/L at 30, 45, 60 days after transplanting • Vermicompost @ 200 kg/ac during planting • Spraying of Solubor @ 2 g/L at 45 days after planting	KAU TNAU IIHR,Bengaluru UAS,Dharwad	TO_2- inputs	-	1445				
						40 Mesh insect proof net	5 mtr	1500				
						Vegetable spl.	2 kg	400				
						Vermicompost	50 kg	250				
						Solubor	1 kg	150				
				Treatments :0.5 ac each			**Total**	**5190**				
7.5	**Vegetable seedling transplanter**	Labour scarcity & Drudgery	Assessment of Vegetable seedling transplanter (Tomato, Brinjal,Chilli)	Farmer practice					05	29500	• Time taken for transplanting (plants/hr) • Manhours for transplanting/acre • Economics	• Home Science • Senior Scientist • Ag. Engg.
				Seedling transplanter	Farmer technology (Herale tech. & research works, Gajanur)	Seedling transplanter	01	1300				
				Seedling transplanter	PJTSAU, Hyderabad	Seedling transplanter	01	4600				
							Total	**5900**				

Total Number of OFT : 05 **Total Budget Rs. 70671/-**

8. Technology Refinement during 2017-18 : Nil

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								

9. Frontline Demonstrations during 2017-18

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals	Paddy	• Low yield (16-18 q/ac) • Lack of knowledge about Biofertilizer • Excess use of fertilizer • BPH infestation (30%) • Blast (35-40 %)	Integrated crop management in transplanted Paddy	Variety	Local/MTU-1001	UAS, Dharwad	Sunhemp seeds	10 kg	800	10	23400	• Plant height (cm) • No. of panicle / Plant • No. of filled grains /panicle • Grain yield (q/ha)	• Agronomy • Pl. Path. • Ag. Engg.
								Carbendazim	100 g	50				
								Azospirillum	500 g	40				
								Imidacloprid	100 ml	300				
								Tricyclazole	500 g	1000				
								ZnSO4	1 kg	150				
									Total	**2340**				
		Sorghum	• Low yield due to use of local variety • Lodging and poor fodder quality	Demonstration of rabi sorghum variety SPV-2217	Variety	SPV-2217	UAS Dharwad	Seeds	3 kg	200	10	14650	• Plant height (cm) • Lodging (%) • Shoot fly incidence (%) • Yield (q/ha) • Economics	• Agronomy • Pl. Path • Home Sci • Ag. Engg
								Carbofuran	3 kg	300				
								Trichoderma	200 g	30				
								Azospirillum	200 g	20				
								ZnSO4	6 kg	900				
								Calcium chloride	12 gm	15				
									Total	**1465**				
9.2	Millets	Foxtail millet (K)	• Low yield • Lack of awareness about new variety • Lack of awareness on processing & value addition	Demonstration of foxtail millet variety DHFt-109-3 for higher yield and income	Variety	DHFt-109-3	UAS Dharwad	Seeds	3 kg/ac	150	10	2580	• Grain yield (q/ha) • Fodder yield (t/ha) • Pest & disease (%) • Economics	• Agronomy • Pl. Path. • Home Science
								Azospirillum	100 g	8				
								Product demo.	-	100				
									Total	**258**				

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
		Little millet (K)	• Low yield • Lack of awareness about new variety • Lack of awareness on processing & value addition	Demonstration of Little millet variety DHLM-36-3 for higher yield and income	Variety	DHLM-36-3	UAS Dharwad	Seeds	3 kg/ac	150	10	2500	• Grain yield (q/ha) • Fodder yield (t/ha) • Pest & disease (%) • Economics	• Agronomy • Pl. Path. • Home Science
								Product demo.	-	100				
									Total	**250**				
9.3	**Oilseeds**													
9.4	**Pulses**	**Redgram**	• Low yield • Poor crop management practices • Poor crop stand due to micro nutrient deficiency	Integrated crop management in Redgram	Variety	BSMR-736	UAS, Dharwad	Seeds	1 kg	90	10	35150	• No. of Pods/plant • No. of Seeds/pod • 100 seed Weight (gm) • Pest & Disease (%) • Yield (q/ha) • Economics	• Agronomy • Pl. Path. • Home Science
								Polythene Bags	6 kg	1200				
								Rhizobium	200 gm	20				
								PSB	200 gm	20				
								Trichoderma	200 gm	25				
								$ZnSo_4$	6 kg	360				
								Pulse magic	4 kg	1000				
								Profenophos	500 ml	400				
								Emamectin Benzoate	50 g	400				
									Total	**3515**				
		Balck gram	• Low yield (3-4 q/ha) • Poor crop management practices	Integrated crop management in Black gram (DU-1)	Variety	DU-1	UAS, Dharwad	Seeds	6 kg	600	10	6650	• Yield (q/ha) • Pest & disease intensity	• Agronomy • Pl. Path. • Home Sci. • Ag. Engg.
								Rhizobium	200 gm	20				
								PSB	200 gm	20				
								Trichoderma	200 gm	25				
									Total	**665**				

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
		Bengalgram	• Low yield • Poor crop management practices • 20% Wilt incidence • Palm Injury during harvest	Integrated crop management in Bengalgram	Variety	GBM-2	UAS, Dharwad	Seeds	25 kg	1400	10	23150	• No. of Pods/plant • 100 seed Weight (gm) • Wilt (%) • Yield(q/ha) • Economics	• Agronomy • Pl. Path. • Home Sci.
								Sorghum seed	500 g	30				
								Rhizobium	500 g	40				
								P solubalizer	500 g	40				
								Trichoderma	500 g	65				
								Profenophos	500 ml	400				
								NAA	50 ml	190				
								Hand gloves	01 set	150				
									Total	**2315**				
								Farmers contribution : 2 % Urea spray during flowering & pod development						
9.5	**Commercial crops**													
9.6	**Horticultural crops**	**Onion (K)**	• Low yield (60-80 q/ha) in local varieties • High incidence of purple blotch & thrips	ICM in onion variety of Bhima Super for higher yield & income	Variety	Bhima Super	NRC for Onion & Garlic, Pune	Seeds	2 kg/ ac	2500	10	26500	• Bulb weight (gm) • Yield (q/ha) • Economics	• Horticulture • Pl. Path. • Agronomy
								Solubor	1 kg	150				
									Total	2650				
		Cabbage (K)	Incidence of Diamond back moth (35 %) & Black rot (30%) caused reduction in yield by 30-40 %	ICM in Cabbage	Variety	Private hybrid	NHM/ UAS, Dharwad	Thiodicarb 75 WP	500 g	1350	10	25300	• Yield (q/ha) • Pest incidence (%) • Disease incidence (%) • Economics	• Pl. Path. • Horticulture • Agronomy
								COC	500 g	330				
								Streptocyclin	200 g	450				
								Vegetable Spl.	2 kg	400				
									Total	**2530**				

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
		Betelvine	• Low yield • Incidence of wilt	ICM in Betelvine	Variety	Local	TNAU/JNKVV, MP	Neem cake for 0.5 ac	400 kg	6500	05	59000	• Yield /plant • Yield (No/ha) • Disease incidence (%) • Economics	• Horticulture • Pl. Path. • Agronomy
								Trichoderma	10 kg	1300				
								Carboxin	2 kg	4000				
									Total	**11800**				
								Farmers contribution : Pseudomonas 10 kg, Neem cake 200 kg						
		Mango	• Flower dropping • Fruit dropping • Powdery mildew incidence (30%) • Low yield due to poor fruit set.	ICM in Mango	Variety	Alphanso	IIHR, Bangalore	Mango special	8 kg	1600	05	15250	• % fruit set • Yield (t/ha) • Pest & disease (%) • Economics	• Horticulture • Pl. Path. • Ag. Engg.
								NAA (Planofix)	200 ml	200				
								Hexaconazole	500 ml	250				
								Fipronil	500 ml	1000				
									Total	**3050**				
9.7	**Livestock**	**Fodder**	• Low productivity of milk due to non feeding of green fodder	FLD on Fodder production	-	-	IGFRI, Dharwad	Hybrid Napier – DHN 6 slips	2000 Nos.	2000	05	29000	• Fodder yield (q/ha) • Feeding information • Milk yield (per lactation)	• Agronomy • Animal Scientist • Home Science • Senior Scientist Ag. Engg.
								Multicut Jowar – COFS-29 seeds	1 kg	500				
								Guinea grass slips slips	2500 Nos.	2500				
								Lucerne seeds	500 g	300				
								African tall + Cow pea	6 kg + 2 kg	500				
									Total	5800				
9.8	**Fisheries**													

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.9	Others	Nutrition garden	• Lack of awareness about nutrition & nutrition garden • Malnutrition • Fluctuation in vegetable prices	Nutrition garden at schools	-	-	-	Seeds & seedlings (Lime, drumstick, papaya, curry leaf, Chakramuni)	01 unit	450	05	5000	• Quantity of vegetables produced (kg) • Economics	• Home Science • Senior Scientist
								Vermicompost	10 kg	50				
								Neem based pesticide	1L	500				
								Total		1000				
		Vermicelli	Lack of awareness on value addition in millets	Demonstration of millets vermicelli as an IGA	-	-	UAS Dharwad	**Foxtail millet vermicelli**			05	4000	• Product yield (kg) • Economics • Organoleptic Evaluation • Market price of value added product	• Home Science • Senior Scientist
								Foxtail millet grains	2 kg	160				
								Chiroti rava	2 kg	110				
								Milling , Packing & Labeling		160				
									Total	430				
								Finger millet vermicelli						
								Finger millet grains	2 kg	100				
								Chiroti rava	2 kg	110				
								Milling, Packing & Labeling		160				
								Total		**370**				
								Cost per Demo.		**800**				

S.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 (0.4 ha)	No. of Demo (0.4 ha each)	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
		Cookies	Lack of awareness on value addition	Demonstration of foxtail millet Cookies	-	-	BTU, Dharwad	Foxtail millet Flour	1 kg	90	10	3500	• Product yield (kg) • Economics • Organoleptic Evaluation • Market price of value added product	• Home Science • Senior Scientist
								Maida	1 kg	45				
								Sugar	1.2 k g	60				
								Fat	1 k g	75				
								Ammonium Bi carbonate	12.5 g	25				
								Curd	450 g	30				
								Essence	10 g	25				
									Total	**350**				

Total Number of FLDs: 15

Total Budget Rs.: 2,75,630/-

10 Training for Farmers/ Farm Women during 2017-18

S.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	Paddy	Poor soil fertility & micro nutrient deficiency	OFT	Soil fertility through agronomic practices	02	150	• Agronomy • Pl. Pathology
		Paddy	Poor soil fertility	FLD	ICM in Paddy	04	300	• Agronomy • Pl. Pathology
		Maize	Micro nutrient deficiency	OFT	INM in Maize	04	200	• Agronomy • Pl. Pathology
		Rabi Jowar	Low yield & non availability quality fodder	FLD	ICM in Rabi Jowar	04	200	• Agronomy • Pl. Pathology
		Redgram	Low yield & poor management practices	FLD	ICM in Redgram	06	300	• Agronomy • Pl. Pathology
		Foxtail millet	Low yield potential varieties & poor soil fertility	FLD	ICM in Foxtail millet	03	200	• Agronomy • Pl. Pathology
		Little millet	Low yield potential varieties & poor soil fertility	FLD	ICM in Little millet	03	200	• Agronomy • Pl. Pathology
		Bengalgram	Poor soil fertility & will incidence	FLD	ICM in Bengalgram	03	300	• Agronomy • Pl. Pathology
		Black gram	Low yield, fallow land harvest paddy & poor management	FLD	ICM in Black gram	04	200	• Agronomy • Pl. Pathology
		Banana	Poor soil fertility	-	Organic farming practices	04	400	• Agronomy • Pl. Pathology
		Sugarcane	More water loss	-	Surface & subsurface drip irrigation practices	04	200	• Agronomy • Pl. Pathology
		Sugarcane	Poor soil fertility & micro nutrient deficiency	-	INM in sugarcane	04	300	• Agronomy • Pl. Pathology

S.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
10.2	Horticulture Production	Chilli	Low yield and inferior quality & disease incidence	OFT	ICM in chilli	05	200	• Horticulture • Pl. Pathology • Agronomy
		Onion	Low yield due to Local varieties	FLD	ICM in Onion	03	100	• Horticulture • Pl. Pathology • Agronomy
		Betelvine	Low yield due to pest and disease incidence	FLD	ICM in Betelvine, Lowering technique demonstration	05	200	• Horticulture • Pl. Pathology • Agronomy
		Mango	Flower dropping	FLD	ICM in Mango	02	100	• Horticulture • Pl. Pathology • Agronomy
		Tomato	Low yield & pest incidence	-	ICM in Tomato	01	50	• Horticulture • Pl. Pathology • Agronomy
		Urban vegetable production	-	-	Terrace gardening, Nutritional garden	03	100	• Horticulture • Home Science
		Ginger	Lack of awareness about cultivation & seed production	-	ICM in Ginger	02	100	• Horticulture • Pl. Pathology
		Flower crops	Lack of knowledge on cultivation & improved varieties.	-	ICM in flower crops- Tuberose, Chrysanthemum, Gaillardia	04	200	• Horticulture • Pl. Pathology • Agronomy
		Coconut	Problematic weeds domains	-	Organic mulching	02	200	• Agronomy • Horticulture • Pl. Pathology
		Arecanut	Problematic weeds domains	-	Organic mulching	02	200	• Agronomy • Horticulture • Pl. Pathology
10.3	Livestock Production	Fodder	Non availability of fodder varieties & poor management practices	FLD	ICM in Fodder crops	04	200	• Agronomy

S.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
10.4	Home Science	Vermicelli production	Less awareness on value addition	FLD	Importance of value addition	06	180	• Home Science • Sr Scientist & Head
		Nutrition garden	Less awareness about nutrition garden establishment	FLD	Lay out and Importance of nutrition garden	02	60	• Home Science • Sr Scientist & Head • Horticulture
		IG activities	Low household income	-	IG activities for farm women	05	150	• Home Science • Sr Scientist & Head
10.5	Plant Protection	Onion	Thrips & Purple blotch	OFT	Management of Thrips & Purple blotch in onion	08	90	• Pl. Path. • Horticulture
		Chilli	Leaf curl complex	OFT	Plant protection in chilli	08	120	• Pl. Path. • Horticulture
		Cabbage	DBM & Black rot	FLD	ICM in Cabbage	08	120	• Pl. Path. • Horticulture
		Betel vine	Rot	FLD	ICM in betel vine	04	60	• Pl. Path. • Horticulture
		Mango	Powdery mildew	FLD	Plant protection in Mango	04	80	• Pl. Path. • Horticulture
		Paddy	Blast	FLD	Blast management	06	100	• Pl. Path. • Agronomy
		Redgram	Pod borer	FLD	Plant protection in redgram	06	100	• Pl. Path. • Agronomy
		Maize	Shoot borer	OFT	Plant protection in Maize	04	100	• Pl. Path. • Agronomy
		Bengalgram	Pod borer	FLD	Plant protection in Bengalgram	04	80	• Pl. Path. • Agronomy
		Foxtail millet	Blast	FLD	Plant protection in Foxtail millet	04	80	• Pl. Path. • Agronomy
10.6	Production of Inputs at Site	Planting material production	Lack of quality planting material	-	Quality Planting material production	04	200	• Horticulture

S.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
10.7	Soil Health and Fertility	*Kharif* crops	Poor soil fertility & micro nutrient deficiency	-	INM in *Kharif* crops	06	400	Agronomy • Pl. Path.
		Rabi crops	Poor soil fertility & micro nutrient deficiency	-	INM in *Rabi* crops	06	400	Agronomy • Pl. Path.
10.8	PHT and value addition	Millets	Less awareness	FLD	Value addition to millets	03	80	• Home Science • Sr Scientist & Head
10.9	Capacity Building Group Dynamics	-	-	-	-	-	-	-
10.10	Farm Mechanization	Vegetable production	Less awareness	OFT	Vegetable seedling transplanter for seedling transplanting	05	50	• Home Science • Sr Scientist & Head • Ag Engineering
10.11	Fisheries Production Technologies							
10.12	Mushroom production							
10.13	Agro forestry	Long duration crop	Mono cropping system	-	Agro forestry in Field crops	02	100	Agronomy • Pl. Path.
		Plantation crops	Mono cropping system	-	Agro- Hort forestry in Plantation crops	02	100	Agronomy • Pl. Path.
10.14	Bee Keeping	Apiculture	Lack of awareness	-	Apiculture	02	100	• Horticulture
10.15	Sericulture							
	Others, pl. specify							

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11. Training for Rural Youth during 2017-18

S.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	Sugarcane	Poor WUE	-	Enhancing WUE in sugarcane	02	100	Agronomy • Pl. Path.
		Green mannuring crops	Non availability of seeds	-	Seed production activities in Green mannuring crops	02	100	Agronomy • Pl. Path.
		Sugarcane	Burning of sugarcane Trash	-	Mulching and composting of sugarcane trash	02	100	Agronomy • Pl. Path.
11.2	Horticulture Production	Onion	Unscientific method of farming	FLD	ICM in Onion	02	60	• Horticulture • Pl.Path
		Onion	Use of Local varieties	FLD	POP onion production technologies	02	60	• Horticulture
		Betelvine	Unscientific method of farming	FLD	Crop management in betelvine	02	50	• Horticulture • Pl.Path
11.3	Livestock Production	Fodder	Non availability of fodder varieties & poor management practices	FLD	ICM in Fodder crops	04	200	• Agronomy
11.4	Home Science	IG activities	Low income	-	IG activities for rural women	02	80	• Home Science • Sr Scientist & Head
11.5	Plant Protection	Trichoderma	Soil borne diseases	-	Soil borne diseases management of major crops using trichoderma	03	80	• Pl.Pathology
		Onion	Purple blotch incidence	OFT	Pest and Disease management in onion	02	50	• Pl. Pathology • Horticulture
		Major Crop	Root disease in major crops	-	Bio control of plant disease	01	30	• Pl. Pathology
		Chilli	Leaf curl incidence	OFT	Management of leaf curl in chilli	01	30	• Pl. Pathology • Horticulture
		Cotton	Sucking pests & mirid bug	-	Sucking pest & mirid bug management in cotton	01	30	• Pl. Pathology

S.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
11.6	Production of Inputs at Site	Planting material production	Lack of quality planting material	-	Quality Planting material production	04	200	• Horticulture
11.7	Soil Health and Fertility	-	-	-	-	-	-	-
11.8	PHT and value addition	Onion	Storage loss	-	Post harvest technology to enhance shelf life of Onion	01	30	Horticulture
		Mango	Lack of awareness about processing	-	Processing and value addition in Mango	01	30	• Horticulture • Home Science
		Tomato	Low price during harvesting	-	Processing and value addition in Tomato	02	100	• Horticulture • Home Science
11.9	Capacity Building Group Dynamics	Vegetables	Lack of awareness in seed production techniques	-	Crossing techniques in vegetables	02	50	• Horticulture
11.10	Farm Mechanization	Vegetable production	Less awareness	OFT	Vegetable seedling transplanter for seedling transplanting	01	20	• Home Science • Sr Scientist & Head • Ag Engineering
11.11	Fisheries Production Technologies	-	-	-	-	-	-	-
11.12	Mushroom production	Mushroom	Lack of awareness	-	Production technology of Mushroom	02	100	Horticulture
11.13	Agro forestry							
11.14	Bee Keeping	Apiculture	Lack of awareness	-	Apiculture	02	100	• Horticulture
11.15	Sericulture	Mulberry	Lack of awareness	-	Sericulture	02	100	• Horticulture
11.16	Soil and water conservation	-	Loss of soil and water & effect on the soil fertility	FLD	Soil and water conservation techniques	03	75	• Ag. Engg. • Agronomy
	Others, pl. specify							

12 Training for Extension Personnel during 2017-18

S.No.	Thematic area	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production	Enhancing *Kharif* yield and soil fertility management	04	60	• Agronomy • Pl. Path.
		ICM in pulses and oil seed crops	02	40	• Agronomy • Pl. Path.
		Surface & Subsurface drip irrigation	02	40	• Agronomy • Pl. Path.
		Organic Manure preparation			• Agronomy • Pl. Path.
12.2	Home Science	IG activities	02	50	• Home Science • Sr Scientist & Head
12.3	Capacity Building and Group Dynamics	-	-	-	-
12.4		Improved technologies for vegetable production in poly house	02	60	• Horticulture
		Improved technologies for commercial flower production	02	60	• Horticulture
12.5	Livestock Production & Management				
12.6	Plant Protection	Biological control of plant diseases	02	60	• Pl. Pathology • Agronomy • Horticulture
		IPM in cotton	02	60	• Pl. Pathology • Agronomy
12.7	Farm Mechanization	Mechanization in cultivation of Groundnut (K/R/S)	01	20	• Ag. Engg. • Agronomy • Pl. Pathology
		Mechanization in cultivation of Chickpea	01	20	• Ag. Engg. • Agronomy • Pl. Pathology
12.8	PHT and value addition	Value addition in millets	02	60	• Home Science • Senior Scientist
12.9	Production of Inputs at Site	Quality seed production	02	60	• Agronomy. • Prog. Asst. (Lab (GPB))
12.10	Sericulture				
12.11	Fisheries				
12.12	Others	-	-	-	-
	Watershed development	Soil and water conservation techniques	02	50	• Ag. Engg.

13. Vocational trainings during 2017-18

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	Seed Production	02	RuralYouth	50	-	• Agronomy • Pl. Path.
		Vermi compost preparation	02	RuralYouth	50	-	• Agronomy • Pl. Path.
13.2	Home Science	Value Addition to Millets	02	SHGs, Women	50	-	• Home Science • Sr Scientist & Head
		Advances in Garment Production	02	SHGs, Women	50	-	• Home Science • Sr Scientist & Head
13.3	Capacity Building and Group Dynamics	-	-	-	-	-	-
13.4	Horticulture	Protected cultivation	02 & 6 days	Students & youth	60	-	Horticulture
		Plant Propagation Techniques	04	Rural Youth	60	FPO, Ranebennur	Horticulture, Farm Manager
13.5	Livestock Production & Management	-	-	-	-	-	-
13.6	Plant Protection	Biological control of major soil borne diseases and Tricoderma Production	02 (7 days)	SHGs, youth, Progressive farmers	80	-	• Pl. Pathology
13.7	Farm Mechanization						
13.8	PHT and value addition	Processing and value addition in Horticulture crops	02 & 6 days	Students & youth	60	-	Horticulture
13.9	Production of Inputs at Site	Quality planting materials production in Horticulture crops	02 & 6 days	Students & youth	60	-	Horticulture
13.10	Sericulture	-	-	-	-	-	-
13.11	Fisheries	-	-	-	-	-	-
13.12	Others						
	Watershed development	Integrated watershed development	One (7 days)	Youths	25	-	• Ag. Engg.

14. Sponsored trainings during 2017-18

Sl. No.	Thematic area and the Crop/Enterprise	Training title*	No. of programmes and Duration (days)	Type of Participants (SHGs, NYKs, School students, Women, Youth etc.)	Expected number of participants	Sponsoring agency	Names of the team members involved
14.1	Crop Production	Crop production activity in *kharif & rabi* crops	2	Youth	50	KSDA	• Agronomy •
		Soil sample collection and Uses of Green mannuring crops	2	Youth	50	KSDA	• Agronomy •
14.2	Home Science	-	-	-	-	-	-
14.3	Capacity Building and Group Dynamics	-	-	-	-	-	-
14.4	Horticulture	Plantation crop management in Haveri District	01	Youth	30	DOH	Horticulture
14.5	Livestock Production & Management	-	-	-	-	-	-
14.6	Plant Protection	Crop pest & disease management in major crops of Haveri district	01	Youth	25	KSDA	• Pl. Pathology • Horticulture
14.7	Farm Mechanization	Mechanization in Agricultural operation	01	SHG	25	KVK	• Ag. Engg.
14.8	PHT and value addition	Value addition of millets	02	SHG	60	KVK	• Home Science
14.9	Production of Inputs at Site	-	-	-	-	-	-
14.10	Sericulture	-	-	-	-	-	-
14.11	Fisheries	-	-	-	-	-	-
14.12	Others	-	-	-	-	-	-
	Watershed development	Integrated watershed development	02	SHG	25	Dept. of Watershed	• Ag. Engg.

15. Extension programmes during 2017-18

Sl. No.	Extension Programme/ Activity*	No. of programmes or activities	Expected number of participants	Names of the team members involved
15.1	Advisory Services	800	800	KVK Team
15.2	Diagnostic Visits	20	100	KVK Team
15.3	Field Day	08	800	KVK Team
15.4	Group Discussions	60	350	KVK Team
15.5	Kisan Gosthi	09	1000	KVK Team
15.6	Film Show	10	500	KVK Team
15.7	Self -Help Groups	20	800	KVK Team
15.8	KisanMela	05	1,00,000	KVK Team
15.9	Exhibition	08	50000	KVK Team
15.10	Scientists' Visit to Farmers Field	150	100	KVK Team
15.11	Plant/Soil Health/Animal Health Camps	6	300	KVK Team
15.12	Farm Science Club	-	-	-
15.13	Ex-Trainees Sammelan	06	150	-
15.14	Farmers' Seminar/Workshop	02	100	KVK Team
15.15	Method Demonstrations	35	500	KVK Team
15.16	Celebration of Important Days	08	2000	KVK Team
15.17	Special Day Celebration	05	5000	KVK Team
15.18	Exposure Visits	2	40	KVK Team
15.19	Technology Week,	01	600	KVK Team
15.20	Farmers Field School (FFS)	01	30	KVK Team
15.21	Farm Innovators Meet	01	50	KVK Team
15.22	Awareness Programs	03	300	KVK Team

16. Activities proposed as Knowledge and Resource Centre during 2017-18

16.1 Technological knowledge

Sl.No.	Category	Details of technologies	Area (ha)/ Number/Kg	Names of the team members involved
16.1.1	Technology Park/ Crop cafeteria	Millet crop cafeteria	2.0	• Farm Manager, Agronomists, Sr. Scientist
		Fodder crop(grasses) cafeteria	1.0	• Farm Manager, Agronomist, Sr Scientist
		Sapota garden	2.0	• Horticulture, Farm Manager, Sr. Scientist
		Multiple cropping system (Sapota+millts+fodder crops)	2.0	• Farm Manager, Pl. Path., Sr. Scientist
		Seed production (Sunhemp, Redgram. Groundnut, millets)	6.0	• Farm Manager, Agronomist, Sr. Scientist
		Nursery production Unit	0.20	• Horticulture, Home Scientist, Sr. Scientist
16.1.2	Demonstration Units	Vermicompost production unit	03	• Farm Manager, Home Scientist, Sr. Scientist
		Food Processing – Clealed graens Flour, and Value Added Prodects	01	• Home Scientist, Sr. Scientist
		Azolla unit	01	• Home Scientist, Sr Scientist, Farm Manager
16.1.3	Lab Analytical services	Soil testing	2500	• Prog. Asst. (Lab) • Soil Science
		Trichoderma production	600	• Pl. Pathology, Sr Scientist and Farm Manager
16.1.4	Technology Week	IFS, ICM, Organic Farming	01	• KVK Team
		Soil and water conservation		
		Plant protection		
		Bio control agents		
		Processing and value addition		

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 2017-18	Names of the team members involved
16.2.1	Seeds	FLD farmers	Groundnut (GPBD-5)	50	Agronomy & Farm manager
			Groundnut (Dh-101)	50	Agronomy & Farm manager
			Redgram (BSMR-736)	15	Agronomy & Farm manager
			Chickpea(BGD-103)	02	Agronomy & Farm manager
			Sorghum (Anuradha)	05	Agronomy & Farm manager
			Horsegram (KM-5)	05	Agronomy & Farm manager
			Maize (SAT)	25	Agronomy & Farm manager
16.2.2	Planting materials		Sapota (DHS-1)	1000	Horticulture & Farm manager
			Sapota (DHS-2)	1000	Horticulture & Farm manager
			Curry leaf (Suvasini)	1500	Horticulture & Farm manager
			Curry leaf (Local)	500	Horticulture & Farm manager
			Tamarind (PKM)	200	Horticulture & Farm manager
			Drumstick (Bhagya)	1000	Horticulture & Farm manager
			Lime (Local)	500	Horticulture & Farm manager
			Guava (L-49)	100	Horticulture & Farm manager
16.2.3	Bio-products		Trichoderma	10	Pl. Pathology
16.2.4	Livestock strains		Deccani sheep	10	Prog. Asst.
16.2.5	Fish fingerlings		-	-	-
16.2.6	Production of Vermicompost		Vermicompost	50	Farm Manager/ Prog. Asst.
16.2.7	Neem seed extract (L)		Neem seed extract (L)	100	Farm manager, Sr. Scientist
16.2.8	Neem cake		Neem cake	2.5	Farm manager, Sr. Scientist

16.3 Technological Information

	Category	Technological capsules / Number	Names of the team members involved
16.3.1	Technology backstopping to line departments		
	Agriculture	Soil fertility and fertilizer management (02)	• Agronomy
	Horticulture	Vegetable crop management	• Horticulture
	Agricultural Engineering	Watershed management	• Ag. Engg., Horticulture
	Bi-monthly workshop	Crop Production , Processing	• KVK team
	Sericulture	Advances in cultivation of mulberry	• Horticulture
16.3.2	Literature/publication	• Crop production technology (20) • Plant protection methods (10) • Nutrient management (04) • Value addition in millets (02) • Value addition in fruits & vegetable (02)	• Agronomy • Pl. Pathology • Agronomy • Horticulture & Home Science • Horticulture & Home Science
16.3.4	Electronic Media	Radio talks Tv - Interaction with innovative farmers	• Agronomy • Ag. Engg. • Pl. Pathology • Home. Science • Horticulture
16.3.5	Kisan Mobile Advisory Services	Rainfall and temperature, Agronomic practices, Nutrition, Improved varieties, Plant protection	• Agronomy • Ag. Engg. • Pl. Pathology • Home. Science • Horticulture
16.3.6	Information on centre/state sector schemes and service providers in the district.	Animal Science, Fisheries & agriculture	• All Scientist & Dept. Officials

17. Additional Activities Planned during 2017-18

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
17.1	KVK	Processing of millets using equipments of INSIMP	Production of Turmeric powder, Ragi flour, Jowar flour, packaging of cleaned grains	50,000/-	• Home science • Prog. Asst.(Lab) • Senior Scientist
17.2	KAPC	Raising income and welfare of farmers in the adopted villages	Raising income in agriculture activity through training ,Method demonstration, Provide critical al inputs, Exposure visits	25,00,000/-	• Agronomy • Senior Scientist • Pl. pathology

18. Revolving Fund

18.1 Financial status

Opening balance as on 01.04.2016 (Rs.in Lakh)	Expenditure incurred during 2016-17 (Rs.in Lakh)	Receipts during 2016-17 (Rs.in Lakh)	Closing balance as on 31.01.2017 (Rs.in Lakh)	Expected closing balance by 31.03.2017 (Including value of material in stock/ likely to be produced)
7.96	13.63	13.49	7.82	3.25

18.2 Plan of activities under Revolving Fund

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
18.2.1	Seed production and procurement (q)	157	9,77,000/-	All Scientist, Farm Manager
18.2.2	Production of planting materials (Nos.)	32500	2,00,000/-	Horticulture, Sr. Scientist , Farm Manager
18.2.3	SWTL (Nos.)	4000	3,00,000/-	Prog. Asst. (Lab), Soil scientist, Sr. Scientist
18.2.4	Production of Bio-agents (q)- Trichoderma	10	1,00,000/-	Pl. Pathology, Farm Manager, Sr. Scientist
18.2.5	Production of worms (kg.)	100	20,000/-	Farm manager, Sr. Scientist
18.2.6	Production of Vermicompost (q)	25	75000/-	Farm Manager, Sr. Scientist
18.2.7	Production of milk (ltr)	200000	4,80,000/-	Farm manager, Sr. Scientist
18.2.8	Processing of Millets (Q) & Value added millet products	5	30,000/-	Home Science, Sr. Scientist
18.2.9	Neem seed extract (L)	100	5,000/-	Farm manager, Sr. Scientist
18.2.9	Neem cake (kg)	250	5,000/-	Farm manager, Sr. Scientist

19. Activities of soil, water and plant testing laboratory during 2017-18

Sl.No.	Type	No. of samples to be analyzed	Names of the team members involved
19.1	Soil	1000	In charge Soil Scientist
19.2	Water	500	
19.3	Plant	-	
19.4	Others	-	

20. E-linkage during 2017-18

S. No	Nature of activities	Likely period of completion	Remarks
20.1	Title of the technology module to be prepared	-	Information required
20.2	Creation and maintenance of relevant database system for KVK		
	• Training database	Going on	
	• Seeds & planting material	Going on	
	• Soil & water test database	Going on	
	• FLD	Going on	
	• Milk sold	Going on	
	• Farmers Visit KVK	Going on	
	• OFT	July 2017	
	• Extension activities	July 2017	
	• Publication (Retrench Paper, Abstract, Popular article, Folder etc.,)	Going on	
	• ICAR revolving fund	Going on	
20.3	**Text messages**	Weekly four	
20.4	**Web site (www.kvkhaveri.org)**	As and when information is available	
20.5	**Teaching B.Sc. (Agri.) Course**	6 months	
20.6	**Online reporting system entire**	As and when information is available	
20.7	**Krishi Vigyan Kendra Knowledge Network -Portal**	As and when information is available	

21. Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting)

S. No	Activities planned	Remarks
21.1	Maintenance of fodder demonstration bank	Napier gross, perennial fodder crops
21.3	Maintenance of Nursery garden for multiplication of Horticultural plants	Sapota, tamarind, Curry leaf, Sugarcane, Guava
21.4	Development of field gene bank (Germplasm)	
21.5	Training cum demonstration on Rainwater harvesting and its utilization	
21.6	Maintenance of Nutrition garden	

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	August- 2017
22.3	Brief action plan in this regard	• Discussion with line departments • Preliminary meeting of innovative farmers • Documentation of innovations • Innovation mela • Honoring innovators in Krishi Mela

23. Farmers Field School (FFS) planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1	ICM	ICM in Bengal gram	30000/-

24.Budget - Details of budget utilization (2016-17) upto 31 January 2017

(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	**Recurring Contingencies**			
24.1.1	**Pay & Allowances**	7643000	7643000	8428586
24.1.2	**Traveling allowances**	150000	150000	219533
24.1.3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	275000	275000	146041
B	POL, repair of vehicles, tractor and equipments	175000	175000	102629
C	Meals/refreshment for trainees	60000	60000	59000
D	Training material	30000	30000	5480
E	Frontline demonstration except oilseeds and pulses	187000	187000	160496
F	On farm testing	13000	13000	12700
G	Integrated Farming system (IFS)	30000	30000	25000
H	Training of extension functionaries	30000	30000	0
I	Extension Activities	40000	40000	16505
J	Farmers Field School	30000	30000	5900
K	EDP/ Innovative activities	40000	40000	0
L	Soil & Water Testing & Issue of Soil Health cards	50000	50000	35099
M	Display Boards	10000	10000	3600
N	Maintenance of buildings	50000	50000	0
O	Establishment of Soil, Plant & Water Testing Laboratory	0	0	0
P	Library	10000	10000	0
24.1	**Total Recurring**	**8823000**	**8823000**	**9220569**
24.2	**Non-Recurring Contingencies**			
24.2.1	**Works**	500000	500000	0
24.2.2	**Equipments & Furniture**	600000	600000	46945
24.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)	00	00	0
24.2.4	**Library**	0	0	0
24.2	**Total Non Recurring**	**1100000**	**1100000**	**46945**
24.3	**REVOLVING FUND**	0	0	0
24.4	**GRAND TOTAL (A+B+C)**	**9923000**	**9923000**	**9267514**

25.Details of Budget Estimate (2017-18) based on proposed action plan

S. No.	Particulars	BE 2017-18 proposed (Rs.)
24.1	**Recurring Contingencies**	
24.1.1	**Pay & Allowances**	**1,10,000,00**
24.1.2	**Traveling allowances**	3,00,000
24.1.3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	2,75,000
B	POL, repair of vehicles, tractor and equipments	1,75,000
C	Meals/refreshment for trainees	1,25,000
D	Training material	30,000
E	Frontline demonstration except oilseeds and pulses	2,75,630
F	On farm testing	70,671
G	Integrated Farming system (IFS)	30,000
H	Training of extension functionaries	30,000
I	Extension Activities	40,000
J	Farmers Field School	30,000
K	EDP/ Innovative activities	40,000
L	Soil & Water Testing & Issue of Soil Health cards	75,000
M	Display Boards	10,000
N	Maintenance of buildings	50,000
O	Establishment of Soil, Plant & Water Testing Laboratory	0
P	Library	10,000
24.1	**Total Recurring**	**4,15,671**
24.2	**Non-Recurring Contingencies**	
24.2.1	**Works**	0
24.2.2	**Equipments & Furniture**	0
24.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0
24.2.4	**Library**	0
24.2	**Total Non Recurring**	**0**
24.3	**REVOLVING FUND**	0
24.4	**GRAND TOTAL (A+B+C)**	**1,17,15,671**