

**ZONAL PROJECT DIRECTORATE - ZONE VIII
ICAR, HEBBAL, BANGALORE**

ACTION PLAN 2014-15

ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	Krishi Vigyan Kendra, College of Horticulture, Tamaka, Kolar 563 101 Phone: 08152-240399 Fax: 08152-243208. Kvkkolar2012@gmail.com
1.2	Name and address of host organization	:	University of Horticultural Sciences, Sector-60, Navanagar, Bagalkot
1.3	Year of sanction	:	December, 2012
1.4	Website address of KVK and date of last update	:	-

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	K.Thulasi Ram	Entomology	37400-67000	9000	26.12.2012	Permanent
2.2	Subject Matter Specialist	B.N.Maruti Prasad	Horticulture	15600-39100	6000	26.12.2012	Permanent
2.3	Subject Matter Specialist	B.R.Premalatha	Agronomy	15600-39100	6000	26.12.2012	Permanent
2.4	Subject Matter Specialist	Shashidhar,K.R.	Sericulture	15600-39100	6000	17.01.2014	Permanent
2.5	Subject Matter Specialist	Noorulla Haveri	Plant Pathology	15600-39100	6000	27.01.2014	Permanent
2.6	Subject Matter Specialist	Deepa Terdal	Home Science	15600-39100	6000	03.02.2014	Permanent
2.7	Subject Matter Specialist						
2.8	Programme Assistant	Santosh H M		9300-34800	4200	06.03.2014	Permanent
2.9	Computer Programmer	C.S. Gnana Sudha		9300-34800	4200	27.01.2014	Permanent
2.10	Farm Manager	Umesh Naik		9300-34800	4200	03.03.2014	Permanent
2.11	Accountant/Superintendent	Ravi Shankar		16000-29600	--	22.03.2013	Permanent
2.12	Stenographer	Savitri Rudrapur		20000-36300	--	12.03.2014	Permanent
2.13	Driver 1						
2.14	Driver 2						
2.15	Supporting staff 1	Y. Belagal		9600-14450	--	18.11.2013	Permanent
2.16	Supporting staff 2	Srinivas D. Gasti		9600-14450	--	03.02.2014	Permanent

3. Details of SAC meeting conducted during 2013-14

Sl. No	Date	Major recommendations	Status of action taken in brief	Tentative date of SAC meeting proposed during 2014-15
3.1	8.8.2013	To take up seed production of groundnut (KCG-2) redgram (BRG-1, TTB-7) varieties	As it was already delayed and also as the land was not yet allotted then, it would be taken up in the ensuing season	May I Week, 2014
		To give complete package for vegetables under protected cultivation	As a part of technology week, IIHR scientists were invited and arranged a seminar on the topic. Will publish the relevant information in the form of folder in 2014-15	
		To give emphasis for programmes on sericulture, home science and animal husbandary	Care is taken to formulate OFTs and FLDs in the action plan of 2014-15	
		To create mango growers associations	Established close rapport with several mango growers associations in Srinivaspur taluka and giving trainings guidance on scientific harvesting, ripening and direct marketing	
		SMS service to farmers to be initiated	Farmers data base is being generated. Will launch the programme shortly	

4. Capacity Building of KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2014-15

S. No	New Areas of Training	Institution proposed to attend	Justification
4.1.1	Production Protocol for bio control agents and quality management of microbial pesticides	NIPHM, Hyderabad	To know about quality control of biocontrol agents with a view to establish biocontrol agents production unit
4.1.2	Intensive Bivoltine Training	CSR&TI, Mysore	To promote bivoltine silkworm rearing
4.1.3	Technologies for processing of fruits and vegetables into value added products	CFTRI, Mysore	To know about various processing technologies

4.2. Cross-learning across KVKs during 2014-15

S. No	Name of the KVK proposed	Specific learning areas
4.2.1	Within ring – Chintamani, Bengaluru Rural, Magadi	Improved technologies in Sericulture, floriculture and fruit crop production, women empowerment
4.2.2	Within the zone – KVK Namakkal	Animal husbandry and dairying
4.2.3	Outside zone -	--

5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, resources and activities during 2014-15

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, Chintamani	Improved Technology in horticultural crops	Improved technology in field crops and sericulture
5.2	KVK, Bengaluru Rural	Improved Technology in horticultural crops	Improved technology in field crops, vegetables and sericulture, IFS, processing and value addition
5.3	KVK, Ramanagara	Improved Technology in horticultural crops	Improved technology in dry land agriculture
5.4	KVK, Hirehalli	Improved Technology in horticultural crops	Demonstration units, IFS, crop cafeteria etc.,
5.5	KVK, Konehalli	Improved Technology in horticultural crops	Dry land agriculture and plantation crop management

6. Operational areas details proposed during 2014-15

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	Ragi	Local varieties, low yields & blast	70%	Tambihalli & Pura	Frontline Demonstration
6.2	Red gram	Local varieties and pest problem	70%	Kallur	Frontline Demonstration
6.3	Groundnut	Local varieties, unawareness of bio fertilizers and micronutrients	50%	Hiranyagowdanahalli	Frontline Demonstration
6.5	Mango	Improper management of pest and diseases	50%	Mattnalli & Aleri	Frontline Demonstration
6.6	Cabbage	Pest menace and Injudicious use of insecticides and fungicides	80%	Khadripura	Frontline Demonstration
6.7	Tomato	Disease and pest severity and Injudicious use of insecticides and fungicides	80%	Lingapura	Frontline Demonstration
6.8	Davana	Low yields	40%	Nernahalli	Frontline Demonstration
6.10	Sericulture	High incidence of silkworm disease and low cocoon yield	50%	Nadupalli & Thippasandra	Frontline Demonstration
6.11	Sericulture	Severe infestation of uzi fly and low cocoon yield	40%	Hoovalli	Frontline Demonstration

	Sericulture	Severe incidence of leaf roller in mulberry during late rainy and winter seasons	60%	Tambihalli & Matnahalli	Frontline Demonstration
	Home science	Prevalence of anaemia	60%	Mattnalli	Frontline Demonstration
	Home science	Restoring of microminerals	80%	Hoovalli/Nadupalli	Frontline Demonstration
6.12	Potato	Disease management	80%	Lingapura	On Farm Testing
6.13	Ragi	Moisture stress and low yields	60%	Tambihalli	On Farm Testing
6.14	Home science	Malnutrition	40%	Hoovalli	On Farm Testing
6.15	Sericulture	High incidence of diseases and improper use of bed disinfectants	50%	Hoovalli	On Farm Testing

7. Technology Assessment during 2014-15

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	Potato	Late blight	Management of Late blight of Potato	TO1: Farmers practice (Injudicious use of fungicides)		--			5	--	%PDI Yield and B:C ratio	SMS(PP), SMS(Hort.) & PC
				TO2: Prophylatic Mancozeb (0.2%) 2 times - Dimethomorph +Mancozeb (0.2%) - Cymoxanil + Mancozeb(0.3%)		Mancozeb Metalaxyl+ Mancozeb Fenamidon + Mancozeb Dimethomorp Cymoxanil + Mancozeb	0.5 kg 0.5 kg 0.15kg 0.25kg 0.15kg	200 850 425 450 240	5	10825	%PDI Yield	
				TO3: Trichoderma + Pseudomonas (Soil appln.) - Prophylatic spray: Mancozeb (0.2%) -	CPRI	Trichoderma Pseudomonas Mancozeb Fenamidone+ mancozeb Cymoxanil + Mancozeb	5 kg 5 kg 0.5 kg 0.15kg 0.15kg	750 750 200 425 240	5	11825	%PDI Yield	
								2365				

				Fenamidone+ mancozeb(0.3%) - Cymoxanil + Mancozeb(0.3%)								
										22650+		
										1000 (Board)		
Total										23650.00		

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
7.2	Ragi	Moisture stress and low yields	Improved method of sowing	TO1::Farmers practice (Broad casting)					3	--	Plant height, no. of tillers, ear heads & Yield	SMS(Agron), SMS(PP) & PC
				TO2: Transplanting in pits of 1X1 ft.	UAS, Bangalore	Seeds <i>Azospirillum</i> Borax Carbendazim	1 kg 20 g 0.5 kg 100 g	35 10 90 50 185	3	555	Plant height, no. of tillers, ear heads & Yield	
				TO3: Transplanting in pits of 2X2 ft.	ITK	Seeds <i>Azospirillum</i> Borax Carbendazim	1 kg 20 g 0.5 kg 100 g	35 10 90 50 185	3	555	Plant height, no. of tillers, ear heads & Yield	
										1110+		
										1000 (Board)		
Total										2110		

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
7.3	Mulberry	High incidence of diseases, improper use of bed disinfectants	Effectiveness of silkworm rearing bed disinfectants	T-1 Bundh powder	ITK	Bundh powder	0.5 Kg	-	3	-	Disease incidence percentage, Defective cocoons & Cocoon yield	SMS(Seri) & PC
				T-2 Slaked lime powder	UASB	Lime powder	6 Kg	750	3	2250		
				T-3 Ankush Vijetha Green	CSR&TI, Mysore	Vijetha Green	6 Kg	4500	3	13500		
				T-4 Rakshak	SSTL, Bangalore	Rakshak	6 Kg	3000	3	9000		
										24750+ 1000 (Board)		
Total										25750		

Sl. 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	Food Science and Nutrition	Malnutrition and health care for vulnerable	Impact of composite flour mixes on farm women (especially vulnerable)	T-1 Normal family diet				-	-	-	Anthropometric assessment dietary pattern and food habit, Standardization of food formulation, chemical analysis, Hb Assessment	SMS(H.Sci.) & PC
				T-2 Composite flour mixes products as a supplementary food (100g/day) for three months	UAS, Bangalore	Whole grains, minor millets and dried powder of vegetables	100 g/day for 90 days	Rs 10x15 x90 days = 15000 Haemoglobin estim.= 2400	2	17400		
										34800+ 1000 (Board)		
Total										35800		
Grand Total										87310		

8. Technology Refinement during 2014-15

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								
				3								
				4								
8.2				1								
				2								
				3								
8.3				1								
				2								
				3								

9. Frontline Demonstrations during 2014-15

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	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team members
9.1	Cereals	Ragi (Rainfed)	Low yields, non application of micronutrients	Improved Variety with biofertilizers and Blast Management	Variety	KMR-301	UAS, B'lore	Seeds <i>Azospirillum</i> Carbendazim	5 kg 200 g 250 g	175 50 125	20 (8 ha)	7000+ 1000 (Board)	No. of tillers, plant height, No of ear heads & yield	SMS(Agron SMS(PP) & PC
										350				
Total											8000			
9.2	Oilseeds	Groundnut	Low yields	Improved variety & Bio fertilizers	Variety	KCG-6	UAS, B'lore	Seeds <i>Rhizobium</i> PSB <i>Trichoderma</i>	23 kg 100 g 100 g 450 g	3600 10 10 100	10 (2 ha)	37200 + 1000 (Board)	Plant height, No. of pods/pl, Haulm yield and pod yield	PC, SMS(Agron SMS(PP) & PC
										3720				
Total											38200			

9.3	Pulses	Red gram	Low yields, Fusarium wilt, Sterility mosaic, Leaf webber and Pod borer menace	Improved variety and IPM	Variety	BRG-5	UAS, B'lore	Seeds <i>Rhizobium</i> PSB <i>Trichoderma</i> Phero. traps Lures Methomyl Neem forml. Spinosad	6 kg 200 g 200 g 50 g 4 16 400 g 600 ml 50 ml	540 20 20 50 100 240 715 650 800	10 (4 ha)	25550 +1000 (Board)	% PDI, pod borer incidence, leaf webber incidence, Pods/plant plant height, yield	PC SMS(PP) & SMS (Agron.)
Total											26550			
9.4	Horticultural crops	Mango	Pest, disease and micronutrient deficiency	ICM	Variety	Alphonso	UAS, B'lore	Imidacloprid Carbendazi Lambda cyh Dinocap Hexaconazol Acephate Decamethrin Fruitfly traps Lures Mango speci Healer & sealer	125 ml 400 g 200 ml 200 ml 400 ml 600 g 200 ml 4 No 2 No 4 kg 2 kg	300 250 150 400 800 300 150 520 160 640 300	10 (4 ha)	39700 + 1000 (Board)	Hopper incidence, % PDI, Fruit fly catches Yield	SMS(PP) SMS(Hort.) PC
Total											40700			
		Cabbage	Insect pest and Disease menace	Recommended IPM & IDM package	Hybrid	Unnati	IIHR, B'lore	COC Metalaxyl Bt. Formln. Mustard seed Indoxacarb Neem formln. Mancozeb Dimethoate Streptocyclin Light traps Ema. benzoat Novaluron Pongamia soap	600 g 600 g 100 ml 500 g 150 ml 300 ml 200 g 200 ml 60 g 4 No 100 g 250 ml 2 kg	300 350 100 - 600 400 200 150 600 300 1000 800 400	05 (1 ha)	26100+ 1000 (Board)	DBm population, Bugs, Blackrot and yield	SMS(PP) PC, SMS(Hort.)

		Tomato	Insect pest and Disease incidence and indiscriminate use of pesticide	Resistant hybrid, Recommended IPM & IDM package	Hybrid	Arka Rakshak	IIHR & UAS, B'lore	Seeds Thiomethaxa Chlorothalonil Dicofol Triazophos COC Iprodion+carb NSKE 4% HaNPV Phero. Traps Lures Marigold seedlings	40 g 60 ml 400 ml 500 ml 400 ml 600 g 400 g 10 kg 100 LE 4 16 --	1200 150 400 250 275 300 660 350 250 100 400 --	05 (2 ha)	23175+ 1000 (Board)	% PDI, SLM incidence, Fruit borer incidence and Yield	SMS(PP) SMS(Hort.) & PC
Total											27100			
		Davana	Low yield	Yield maximization through growth regulators	Local	Local	UHSB	GA3 200ppm	28 g	2200	05 (1 ha)	11000+ 1000 (Board)	Plant height, number of branches, wt of 100 flower heads, biomass yield, oil yield	SMS (Hort.), PC
Total											24175			
Total											12000			
9.9	Others													
9.9.1	Sericulture	Mulberry	High incidence of disease and low yield	Effective disinfection of silkworm rearing house	Room disinfectants	Room disinfectants	CSR&TI Mysore	Decol Sanitech super, Seriswach	5 l 5 l 750 g	350 800 1050	10 (100 dfls)	3500 8000 10500	Disease incidence (%), Defective cocoons & Cocoon yield	SMS (Seri), PC
Total											23200			
		Mulberry	Low yield due to severe infestation of Uzifly,	Management of Uzi fly in silkworm rearing	-	-	CSR&TI Mysore	Nylon net Uzitrap (Tablets) Sticky trap	Farmer 5 trap 6 No.	- 500 900	- 10 (100 dfls)	14000+ 1000 (Board)	No. of uzifly trapped per day, Infected cocoon (%),	SMS (Seri), PC

			poor quality cocoons							1400			Cocoon yield	
Total												15000		
		Mulberry	High incidence of pest cause leaf yield reduction	Eco friendly practices for management of mulberry leaf roller	Variety	V-1	UAS, Bangalore	<i>Neem seed T.chilonsis</i>	7 kg 4 cards	245 120 365	10 (4 ha)	3650+ 1000 (Board)	Pre&post larval population percentage of parasitization and leaf yield	SMS (Seri), SMS (PP)
Total												4650		
9.9.2	Home science	Introduction of vegetable preservative	Restoring of microminerals Loss of nutrients and freshness	Vegetable preservative	-	-	CRIDA (Hyderabad)	Vegetable preservative Vegetables Fruits	Vegetable preservative (50kg capacity)	4000	4	16000+ 1000 (Board)	Percentage of spoilage, shelf life savings	SMS(Home Sci).PC, SMS (Seri)
Total												17000		
		Iron rich food supplementation in combating anaemia in adolescent girls	Prevalence of anaemia	Iron rich food supplementation	--	--	UAS (Bangalore)	Iron rich food supplementation	2	8950	2	17900+ 1000 (Board)	Nutritional and sensory evaluation and haemoglobin estimation	SMS(Home Sci).PC
Total												18900		
Grand Total												255475.00		

10 Training for Farmers/ Farm Women during 2014-15

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	Organic farming	Low organic manures	---	Importance of soil health and organic farming	1	30	SMS(Agron).PC, SMS(PP)
		Groundnut	Low yields	FLD	Improved production technology	1	40	SMS(Agron).PC, SMS(PP)
		Redgram	Pest management	FLD	Importance of IPM and pest management in redgram	1	30	SMS(Agron).PC, SMS(PP)
		Ragi	Low yields	FLD	Improved production technology	1	30	SMS(Agron).PC, SMS(PP)
10.2	Horticulture Production	Mango	Pest, disease and nutrient deficiency	FLD	Integrated crop management	1	30	SMS(Hort).PC, SMS(PP)
		Tomato	High input cost	FLD	Integrated crop management	1	20	SMS(Hort).PC SMS(PP)
		Cabbage	High input cost	FLD	Integrated crop management	1	20	SMS(Hort).PC SMS(PP)
		Davana	Low yields	FLD	Improved cultivation	1	25	SMS(Hort).PC SMS(PP)
10.3	Livestock Production	Dairy	FMD	--	Management of FMD in cattle	1	50	PC, SMS(PP)
			Disease menace	--	Prevention and control of infectious diseases in dairy animals	1	30	PC, SMS(PP)
10.4	Home Science	Food Science	Fluorosis	--	Preventive measures of excess fluorine in water	1	60	SMS(Home Sci) Programme Coordinator, KVK, Kolar
		Shelf life		--	Processing and preservation of fruits and vegetables	1	30	SMS(Home Sci) PC
		Nutritional status	Malnutrition		Protective food for health promotion and nutritional security for pre- school children	1	40	SMS(Home Sci) PC

		Value addition	Lack of awareness of branding and labeling	--	Importance of branding and labeling for market linkage through value added products	1	30	SMS(Home Sci) PC
10.5	Plant Protection	Mango	Pest and disease menace	FLD	Integrated pest and disease management	1	25	SMS(PP), PC
		Tomato	Indiscriminate use of pesticides	FLD	Importance of IPM and IDM	1	20	SMS(PP), PC
		Cabbage	Indiscriminate use of pesticides	FLD	Importance of IPM and IDM	1	20	SMS(PP), PC
		Coconut	BHC and mite menace	Trainings/method demos.	Management of BHC and Perianth mite in coconut	1	40	SMS(PP), PC
		Red gram	Wilt and leaf webber	FLD	Integrated pest and disease management	1	30	SMS(PP) PC
10.6	Production of Inputs at Site							
10.7	Soil Health and Fertility							
10.8	PHT and value addition	Mango	Post harvest losses		Prevention of post harvest losses and improving marketability of produce	1	20	SMS(Hort), SMS(PHT)
		Tomato	--		Preparation of tomato ketchup and jam for household use	1	30	SMS(Hort), SMS(PHT)
10.9	Capacity Building Group Dynamics					1		
10.10	Farm Mechanization	Coconut	Harvesting of nuts	--	Introduction of coconut climbing devices of easy harvest	1	50	SMS(Hort), PC
		Groundnut	Shelling of kernels	FLD	Demonstration of groundnut decorticator and its efficiency	1	25	SMS(Home Sci.) SMS(Seric)
10.11	Fisheries Production Technologies							
10.12	Mushroom production							
10.13	Agro forestry							

10.14	Bee Keeping							
10.15	Sericulture	Mulberry	Improper nursery raising	--	Improved nursery techniques in mulberry	1	40	SMS(Seric), SMS(PP)
		Mulberry	Pest and Disease menace	--	Pests & diseases and their management in mulberry	1	50	SMS(Seric), SMS(PP), PC
		Mulberry	Nutrient deficiency	--	Integrated nutrient management in mulberry	1	40	SMS(Seric),SMS (Agron)
		Silkworm rearing	Improper disinfection	FLD OFT	Disinfection and hygiene in silk worm rearing	1	30	SMS(Seric), SMS(PP), PC
	Others, pl. specify							

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

11. Training for Rural Youth during 2014-15

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							
11.2	Horticulture Production	Skill development			Propagation techniques in horticulture crops	1	30	SMS(Hort)
11.3	Livestock Production							
11.4	Home Science		Self-employment		Candle making as cottage industry	1	20	SMS (Home Sci)
		Value addition	Self employment		Value addition to jack fruit	1	20	SMS (Home Sci)
		--	Lack of knowledge about health and hygiene	--	Awareness about Health and hygiene among adolescent girls	1	50	SMS (Home Sci)
11.5	Plant Protection					1		
11.6	Production of Inputs at Site	Vermicomposting	Less use of organic	--	Importance of organic farming and	1	30	PC, SMS(Agron)

			manures		vermicompost production			
11.7	Soil Health and Fertility							
11.8	PHT and value addition							
11.9	Capacity Building Group Dynamics							
11.10	Farm Mechanization	Coconut	Labour scarcity and difficulty in harvesting	--	Formation of youth clubs to take coconut harvesting as an income generating activity	1	25	PC, SMS(PP)
11.11	Fisheries Production Technologies							
11.12	Mushroom production	Mushroom production	Self-employment		Promoting mushroom production as an income source	1	20	SMS(PP), SMS(Agron)
11.13	Agro forestry							
11.14	Bee Keeping	Bee keeping	Self-employment		Promotion of bee keeping as an additional income source	1	20	PC,SMS(PP)
11.15	Sericulture	Silkworm rearing	Self-employment		Importance of Chawki rearing and CRC for sustainable sericulture	1	25	SMS (Seri), PC
	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 2014-15

S.No.	Thematic area	Training Course Title**	No. of Courses	Expected No. of participants	Names of the team members involved
12.1	Crop Production	Improved production technology in oilseeds and pulses	1	20	SMS(Agron).PC,SMS(PP)
12.2	Home Science	Supplementary feeding programmes for anganwadi teachers	1	40	SMS(Home Sci), SMS(Seric)
12.3	Capacity Building and Group Dynamics				
12.4	Horticulture	Improved production technology in important vegetable crops	1	20	SMS(Hort).PC,SMS(PP)
		Improved production technology in important fruit crops	1	20	SMS(Hort).PC,SMS(PP)
12.5	Livestock Production & Management				
12.6	Plant Protection	Pest and disease management in field crops	1	20	SMS(PP) &PC
		Pest and disease management in important fruit crops	1	20	SMS(PP) &PC
		Pest and disease management in important vegetable crops	1	20	SMS(PP) &PC
12.7	Farm Mechanization				
12.8	PHT and value addition				
12.9	Production of Inputs at Site				
12.10	Sericulture	Improved farming system approaches in mulberry cultivation	1	25	SMS (Seric)
		Innovative practices in silkworm rearing	1	25	SMS (Seric)
12.11	Fisheries				

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

13 Vocational trainings during 2014-15

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	Candle making	1(2 days)	SHGs	20		SMS (Home Sci)
		Biocrafts from waste cocoons	1(3 days)	SHGs	20		SMS (Home Sci)
		Paper bag making	1(2 days)	SHGs	20		SMS (Home Sci)
13.3	Capacity Building and Group Dynamics						
13.4	Horticulture	Propagation techniques in fruit crops	1(3 days)	NYK	20		SMS(Hort).PC SMS(PP)
13.5	Livestock Production & Management						
13.6	Plant Protection						
13.7	Farm Mechanization						
13.8	PHT and value addition	Preparation of value added products from Amla	1 (3 days)	SHGs	20		SMS(Hort), SMS(Agron)
13.9	Production of Inputs at Site	Production technology of vermicomposting	1 (3 days)	SHGs	20		PC SMS(Agron)
13.10	Sericulture						
13.11	Fisheries						

14 Sponsored trainings during 2014-15

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	Improved production technology in Kharif and Rabi crops	1	Youth	50	KSDA	SMS (Agro)
14.2	Home Science						
14.3	Capacity Building and Group Dynamics						
14.4	Horticulture	Organic cultivation of fruits and vegetables and certification	1	Youth	50	KSDH	SMS(Hort), SMS(Agron)
14.5	Livestock Production & Management						
14.6	Plant Protection						
14.7	Farm Mechanization						
14.8	PHT and value addition						
14.9	Production of Inputs at Site						
14.10	Sericulture						
14.11	Fisheries						

* Programme title should specify the major technologies/skills to be transferred /refreshed.

15. Extension programmes during 2014-15

Sl.No.	Extension Programme/ Activity*	No. of programmes or activities	Expected number of participants	Names of the team members involved
15.1	Advisory Services	120	400	All KVK staff
15.2	Diagnostic Visits	25	100	All KVK staff
15.3	Field Day	10	500	All KVK staff
15.4	Group Discussions	10	100	All KVK staff
15.5	Kisan Gosthi	05	50	All KVK staff
15.6	Film Show	20	1000	All KVK staff
15.7	Self -Help Groups	10	200	All KVK staff
15.8	Kisan Mela	01	1000	All KVK staff
15.9	Exhibition	01	200	All KVK staff
15.10	Scientists' Visit to Farmers Field	100	300	All KVK staff
15.11	Plant/Soil Health/Animal Health Camps	05	500	All KVK staff
15.12	Farm Science Club	04	80	All KVK staff
15.13	Ex-Trainees Sammelan	--	--	All KVK staff
15.14	Farmers' Seminar/Workshop	05	150	All KVK staff
15.15	Method Demonstrations	10	200	All KVK staff
15.16	Celebration of Important Days	05	300	All KVK staff
15.17	Special Day Celebration	02	100	All KVK staff
15.18	Exposure Visits	02	80	All KVK staff
15.19	Technology Week,	01	300	All KVK staff
15.20	Farmers Field School (FFS)	01	20	All KVK staff
15.21	Farm Innovators Meet	01	20	All KVK staff
15.22	Awareness Programs	05	250	All KVK staff
	Others, pl. specify			

16. Activities proposed as Knowledge and Resource Centre during 2014-15

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			
16.1.2	Demonstration Units	Vermicomposting, bio digester, trenching mulching in mulberry, fodder cafeteria	03	All KVK staff
16.1.3	Lab Analytical services			
16.1.4	Technology Week	High density planting and protected cultivaition	01	All KVK staff

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 2014-15	Names of the team members involved
16.2.1	Seeds				
16.2.2	Planting materials		Mulberry saplings	25000	SMS (Seric) & FM
16.2.3	Bio-products		Fruit fly traps	1000	PC, SMS (PP)
16.2.4	Livestock strains				
16.2.5	Fish fingerlings				

16.3 Technological Information

	Category	Technological capsules / Number	Names of the team members involved
16.3.1	Technology backstopping to line departments		
	Agriculture		
	Horticulture		
	Animal Husbandry		
	Fisheries		
	Agricultural Engineering		
	Sericulture		
	Others, pl. specify		
16.3.2	Literature/publication	10	
16.3.4	Electronic Media	50	
16.3.5	Kisan Mobile Advisory Services	150	
16.3.6	Information on centre/state sector schemes and service providers in the district.	June 2014	

17. Additional Activities Planned during 2014-15

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	Schools	Nutritional Garden	Creating interest among school children about agriculture and also provide Nutritional Security through Nutrition garden	20000	All KVK staff

18. Revolving Fund

18.1 Financial status

Opening balance as on 01.04.2013 (Rs.in Lakh)	Expenditure incurred during 2013-14 (Rs.in Lakh)	Receipts during 2013-14 (Rs.in Lakh)	Closing balance as on 31.01.2014 (Rs.in Lakh)	Expected closing balance by 31.03.2014 (Including value of material in stock/ likely to be produced)

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	Mango fruit fly pheromone traps	1000 nos.	50000	PC, SMS(PP)
18.2.2	Mulberry saplings	25000 nos.	25000	SMS(Seric), FM & PC

19. Activities of soil, water and plant testing laboratory during 2014-15

Sl.No.	Type	No. of samples to be analyzed	Names of the team members involved
19.1	Soil		
19.2	Water		
19.3	Plant		
19.4	Others		

20. E-linkage during 2014-15

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
20.1	Title of the technology module to be prepared		
20.2	Creation and maintenance of relevant database system for KVK	July, 2014	
20.3	Any other (Please specify) Web site of KVK	May, 2014	
20.4			

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 if any
21.1		
21.2		

22. Innovator Farmer's Meet

Sl.No.	Particulars	Details
22.1	Are you planning for conducting Farm Innovators meet in your district?	Yes/ No
22.2	If Yes likely month of the meet	
22.3	Brief action plan in this regard	

23. Farmers Field School (FFS) planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
23.1	Pest management	Integrated Pest management in cabbage	30000

24. Budget - Details of budget utilization (2013-14) up to 31 January 2014

(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
24.1	Recurring Contingencies			
24.1.1	Pay & Allowances	41.00	41.00	30.25
24.1.2	Traveling allowances	0.75	0.75	0.32
24.1.3	Contingencies	7.50	7.50	4.82
24.1.4.	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	1.00	1.00	0.53
<i>1</i>				
<i>B</i>	POL, repair of vehicles, tractor and equipments	1.20	1.20	0.60
<i>C</i>	Meals/refreshment for trainees	0.75	0.75	0.49
<i>D</i>	Training material	1.00	1.00	0.99
<i>E</i>	Frontline demonstration except oilseeds and pulses	2.05	2.05	1.57
<i>F</i>	On farm testing	0.10	0.10	0.09
<i>G</i>	Training of extension functionaries	0.10	0.10	0
<i>H</i>	Extension Activities	0.50	0.50	0.28
<i>I</i>	Farmers Field School	0.30	0.30	0.03
<i>J</i>	Library	0.50	0.50	0.23
24.1	Total Recurring			
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)	9.20	9.20	1.16
24.2.4	Library			
24.2	Total Non Recurring			
24.3	REVOLVING FUND	1.00	1.00	0
24.4	GRAND TOTAL (A+B+C)	58.7	58.7	36.55

25. Details of Budget Estimate (2014-15) based on proposed action plan

S. No.	Particulars	BE 2014-15 proposed (Rs.)
25.1	Recurring Contingencies	
25.1.1	Pay & Allowances	74.00
25.1.2	Traveling allowances	1.20
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
B	POL, repair of vehicles, tractor and equipments	1.75
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.20
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1.50
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3.06
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.88
G	Training of extension functionaries	0.50
H	Maintenance of buildings	--
I	Establishment of Soil, Plant & Water Testing Laboratory	10.00
J	Library	0.50
25.1	TOTAL Recurring Contingencies	20.89
25.2	Non-Recurring Contingencies	
25.2.1	Works	150.00
25.2.2	Equipments including SWTL & Furniture	15.00
25.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	--
25.2.4	Library (Purchase of assets like books & journals)	0.50
25.2	TOTAL Non-Recurring Contingencies	165.50
25.3	REVOLVING FUND	--
25.4	GRAND TOTAL	261.59
	Farmers Field School	0.30
		261.89

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