ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE

ACTION PLAN OF TARALABALU KRISHI VIGYAN KENDRA IN ZONE VIII FOR 2014-15

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail, Website	:	Taralabalu Krishi Vigyan Kendra Kadalivana, LIC Colony Layout, B.I.E.T. College Road DAVANAGERE-577004 Karnataka Telephone : 08192-263462 Fax : 08192-260969 E-mail : dvgtkvk@yahoo.com. Website: taralabalukvk.com
1.2	Name and address of host organization	:	Taralabalu Rural Development Foundation SIRIGERE-577541 Dist.: Chitradurga Phone: 08194 – 268829, 268842 Fax: 08194 – 268847 E – mail: trdf@taralabalu.org
1.3	Year of sanction	:	2004
1.4.	Website address of KVK and date of last update	:	www.taralabalukvk.com Dated 10-10-2013

Targets (2014-15):

OFT	No	No. of trails	FLD	No.	No. of farmers	Trainings	No.	No. of participants	IFS	No.	No. of farmers	FFS	No.	No. of farmers
	04	44		16	177		80	1270		01	06		01	25

Budget 2014-15 (Rs)

OFT	FLD	FFS	IFS	Innovative Programme	Total
108200-00	252450-00	30000-00	50000-00	50000-00	497150-00

Technological products:

Category	Qt/No.
Seeds	15 q
Seedlings	13500 No.
Banana special	20 q
Bio products (Trichoderma)	5 q
Azolla	3 q
Fodder slips	100000 No.
Fish seeds	20000 No.

2. Details of staff as on date

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay band	Grade Pay	Date of joining	Permanent / Temporary
1.	Programme Coordinator	Dr. Devaraja T.N.	Fisheries	37400-67000	9000	17-05-05	Per.
2.	Subject Matter Specialist	Mr.Basavanagowda M.G.	Horticulture	15600-39100	5400	21-11-06	Per.
3.	Subject Matter Specialist	Mr. Mallikarjuna B.O.	Agronomy	15600-39100	5400	09-01-08	Per.
4.	Subject Matter Specialist	Dr. Jayadevappa G.K.	Animal Science	15600-39100	5400	29-01-08	Per.
5	Subject Matter Specialist	Mr. Raghuraja J.	Agricultural Extension	15600-39100	5400	23-06-08	Per.
6	Subject Matter Specialist	Mr. Prasanna Kumara N.	Plant Protection	15600-39100	5400	24-06-08	Per.
7	Subject Matter Specialist	Mr. Sannagoudra H.M.	Soil Science and Agriculture Chemistry	15600-39100	5400	01-07-13	Per.
8.	Programme Assistant	Mr. Revanasiddappa G.B.P	Lab. Technician	9300-34800	4200	11-04-12	Per.
9	Computer Programmer	Mr. Santhosh B.	Computer	9300-34800	4200	05-09-08	Per.
10	Farm Manager	Mr. Vijaya Kumar S.B.	Farm Manager	9300-34800	4200	23-06-08	Per.
11	Assistant	Mr.Mallikarjuna S. Gudihindala	Accountant /Office Superintendent	9300-34800	4200	01-06-05	Per.
12	Stenographer	Mrs.Mamatha H.Melmalagi	Stenographer Grade-III	5200-20200	2400	26-06-05	Per.
13	Driver 1	Mr.N.M.Marulasiddaiah	Driver	5200-20200	2000	01-06-05	Per.
14	Driver 2	Mr.S. Shivakumar	Driver	5200-20200	2000	01-06-05	Per.
15	Supporting staff 1	Mr.B. Shivakumar	Grade-I	5200-20200	1800	01-06-05	Per.
16	Supporting staff 2	Mr.S.E. Shivakumar	Grade-I	5200-20200	1800	01-06-05	Per.

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	16-01-2013	Suggested to indicate thrust areas	Based on group meetings in cluster villages, discussing with development departments and based on problems of farmers visiting KVK, the thrust areas had been identified	12-1-2015
		Suggested to arrange the visit of SAC members to NICRA village to see the activities	Accordingly on 8-2-2013 the visit had been arranged to NICRA village to observe the activities.	
		Suggested to grow different varieties of banana scientifically	High density banana planting of G-9 tissue variety demonstrated. Tissue culture variety of Yalakki Banana is grown other varieties namely, Nanjanagudu rasabale and bhudu rasabale planted.	
		Suggested to popularize the schemes of development the benefit of farmers	Personnel from development departments departments were invited in all the trainings and extension programmes of KVK and the schemes were explained to the farmers.	
		Suggested to work in collaboration with ATMA project	Project on 'Fish fingerlings production' is going on since 2 years, organized 'Agriculture technology week' celebration and participated in Krishi Mela organized by UAHS, Shimog in collaboration with ATMA.	
		Suggested to carryout KVK activities in all 6 taluks.	Accordingly cluster villages in all 6 taluks were identified and FLD's, OFTs and other extension activities were taken up during 2013-14 and in 2014-15, 6 villages in each taluk were selected to carryout KVK activities.	
		Suggested to conduct impact studies of important KVK activities	Impact studies for important KVK activities are conducted and it will be continued. It is planned to bring out a booklet on impact studies, case studies and success stories.	
		Suggested to introduce coloured broilers	Advisories for introduction of red broilers, Giriraja and Swarnadhara birds were given to the farming.	
		Suggested to popularize poultry manure	Farmers advisories and in extension activities the usefulness of poultry manure were explained to promote its usage.	
		Suggested to give more importance to annual fodder	Introduced multicut annual fodders to farmers by involving Advanta Company (Nutri feed, sugar graze etc). The same has been introduced to 30 farmers in DDFA.	
		Suggested to use AIR more effectively in spreading the technology	To popularize KVK technology and also in case of KVK extension activities prior publicity through AIR has been given. During this year 12 programmes by SMS's and 7 programmes by progressive farmers were telecasted.	

3.2	09-01-2014	Suggested to take funds from ATMA for large scale popularization of KVK technologies.	On going	
		Enlarge district soil map and put in SWT laboratory.	Soil science SMS is visiting NBLRM on 03-03-2014	
		Suggested to conduct atleast one impact study on importment KVK activity.	Implemented since last year and will be continued.	
		Suggested to encourage more people to take up the fisheries activities-edible and ornamental.	Encouraging trend is seen in the district with help of department, KVK, ATMA and NFDB	
		Suggested to take up activities related to rain water harvesting , value addition and millet production.	Planned for millet seed production in KVK farm.	
		Suggested to work in cluster villages for 2-3 years and then move in next year. Always keep old and new clusters each year	Accordingly 5 new clusters have been identified and 1 cluster is continued and PRA in all these clusters were conducted.	
		Suggested to promote horticulture and INSIMP activities through SHG's	On going	
		Suggested to give importance to CHC members and ask them to take the NICRA project forward	Point noted and emphasized the same among farmers at Siddanuru	
		Suggested to create data base of all activities by 2014-15	On going	
		Suggested to give soil analysis based recommendation to farmers, who submit samples to SWTL.	Practiced since 4 years.	

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	Genetically Modified Crops	-	To have clarity on GMCs; and to create awareness among extension functionaries and farmers
	Participatory Impact Monitoring Analysis	ZPD, Bengaluru	To conduct impact studies of KVK activities
	Extension approaches for promotion of post harvest technologies and value addition in Horticulture	SAMETI, WEST BENGAL	To know knowledge about reducing the post harvest losses and increase the scope for value addition.
	Total mixed ration concept and fodder block making	NIANP, Benagluru	To know the latest feeding methods of livestock
	Dryland techniques under rainfed area to improve the crop yield.	ICRISAT, Hyderabad	To gain the latest technologies in dry farming which will be benefit to our working area
	IPDM in oilseed and pulses	DOR, Hyderabad	To know knowledge about IPDM practices to reduce cost on chemicals.
	Soil and water conservation, rainwater harvesting and watershed management	WALMI, Dharwad	To get acquaint with methods of soil and water conservation.

4.2. Cross-learning across KVKs during 2014-15

S. No	Name of the KVK proposed		Specific learning areas
4.2.1	**Within ring**	Krishi Vigyan Kendra, Hassan	Animal science activities
		KVK, Haveri	Minor millets seed production
		Krishi Vigyan Kendra, Kodagu	Documentation. Horticulture activities. Animal science activities
		Krishi Vigyan Kendra, Shimoga	Protected cultivation of vegetables
4.2.2	**Within the zone**	Krishi Vigyan Kendra, Pattanamthitta	Secondary Agriculture and Animal Science activities
4.2.3	**Outside zone**	Krishi Vigyan Kendra, Baramathi	Information communication technology, Automated fertigation, Laser leveling.

5. Proposed cluster of KVKs 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, Dharwad	Fish seeds, Fodder slips	Seeds, Farm Machinery and secondary agriculture
5.2	KVKs, Belgaum	Banana Special	Seeds / Seedlings, NICRA activities
5.3	KVK, Gadag	Banana special, Animal science expertise	Documentation, Team spirit

6. Operational areas details proposed during 2014-15

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	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)
1	**2**	**3**	**4**	**5**	**6**
6.1	Arecanut	• Hidimundige syndrome • Improper nutrient management • Button shedding and nut drop • No proper drainage • No intercrop • Excess application of tank silt • Higher incidence of bacterial leaf stripe	10000 ha	**Billahalli Cluster:** Kuremaganahalli Billahalli Anapuru	• FLD • Training • Method Demonstration • Field visit • Field day
6.2	Paddy	• Seed bed preparation (seedling raising). • Non availability of skilled labourers. • Poor soil fertility. • Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. • Labour shortage for timely transplanting / weeding. • Low yield.	All most all the farmers are facing the same problem in the district. > 10,000 ha.	**Mitlakatte** Salkatte Deverabellakere Halebathi	• FLD • Group discussion • Training • Filed visit • Field day • World wet land day.

6.3	Paddy	• Higher incidence of BPH and blast • Indiscriminate use of pesticides	15000	**Mittalakatte** Balamuri	• FLD • Group discussion • Training • Field visit • Field day
6.4	Paddy	• Imbalanced nutrient management • Excess use of fertilizers • Chaffy grains • Lower productivity.	5000 ha	**Mitlakatte**	• OFT • Training • Group discussion • Field visit • Field day
6.5	Maize	• Quality hybrid seed non availability (loose seeds). • No intercrops with pulses. • Higher fertilizer dose application. • Improper nutrient management • Incidence of turcicum leaf blight • Low yield. • Market price		**Billahalli** Kuremaganahalli Boragondanahalli	• FLD • Group discussion • Training • Field visit • KAPMC-training at village
6.6	Cotton	• Improper nutrient management • Square dropping • Leaf reddening • Improper spacing • Sucking pest	5500 ha	**Kuremaganahalli** Balamuri	• FLD • Training • Diagnostic • Group discussion • Field visit • Field day
6.7	Ragi	• Low yield. • Use of local varieties (old seeds). • Higher seed rate (25 kg / acre). • Harvesting (No mechanization). • No seed treatment with biofertilizers. • Fodder. • Long duration varieties		Kuremaganahalli Billahalli Boragondanhalli	• FLD • Group discussion • Training • Filed visit • Field day • World Food Day • Technology week

6.8	Groundnut	• Low yield • Non-availability of HY varieties. • Poor / Non availability of green fodder. • Improper nutrient management		Harapanahalli block Davangere block	• Group discussion • OFT • Training • Filed visit • Field day
6.9	Green leafy vegetables	• Low yield • Use of local varieties • Improper nutrient management	150 ha	Boragondanhalli	• Group discussion • FLD • Training • Filed visit • Field day
6.10	Tomato	• Incidence of TLCV, late blight and bacterial wilt • Fruit cracking • Grading and post harvest handling	325 ha	**Balmuri cluster:** Balmuri	• FLD • Training • Diagnostic field visit • Field day
6.11	Banana	• High incidence of sigatoka leaf spot • Lower bunch weight • Low productivity per unit area • Micronutrient deficiency	500 ha	**Boragondanahalli Cluster:** Boragondanahalli Igur	• FLD • Training • Method Demonstration • Field visit • Field day
6.12	Coconut	• Lack of labours for harvesting of nuts • Rhinocerous beetle • Red palm weevil • Low productivity of palms	1215 ha 315 ha 210 ha 2182 ha	**Kuremaganahalli Cluster:** Kuremaganahalli	• FOCT training programme on palm climbing. • Method demonstration • Training • Awareness campaign.
6.13	French bean	• Low productivity of existing varieties • Leaf rust incidence	118 ha	**Balmuri Cluster:** Balmuri Govinakovi	• FLD • Training • Method Demonstration • Field day
6.14	Chilli	• Incidence of leaf curl • Micronutrient deficiency • Improper nutrient management • Low yield	300 ha	Boragondanahalli cluster	• FLD • Training • Diagnostic field visit • Field visit • Field day

6.15	Coconut	• Improper nutrient management • Nut dropping • Nut splitting • Poor yield	2000	**Balmuri Cluster:**	• FLD • Training • Diagnostic field visit • Field visit • Field day
6.16	Rearing of cross bred cattle and buffalos	• Lower milk production	> 45,000 Animals	Mitlakatte block, Harihara, Davanagere	• FLD
		• Fertility problems in Dairy animals	> 50,000 Animals	Billahalli block, Channagiri	• Training Programme
		• Clean and quality milk production	> 60,000 Animals	Boragondanahalli block, Davanagere	• FLD
		• Uterine / vaginal prolapse in pregnant animals	> 3000 animals	Kambathalli block, Harapanahalli	• OFT
		• Mastitis and infectious discuss	> 20,000 animals	Mitlakattee block, Harihara	• Training programme/ Method Demonstration
6.17	Rearing of sheep and goats	• Lower body weight gain due to under nutrition and worm load	> 3.0 lakh	Kambathalli block Harapanahalli	• FLD
		• Infectious / contagious diseases	> 1.0 lakh	Kambathalli block Harapanahalli	• Awareness Programme
6.18	Rearing poultry birds	• Lower body weight gain in local poultry birds	> 5.0 lakh	Boragondanahalli block, Davangere	• Training programme
6.19	Cultivation of fodder crops (Napier grasses)	• Lower nutrients yield • Palatability is less when crop is at maturity • Serration on the leaf blades	> 500 haters	Mitlakatte block Harihara	• FLD
6.20	Paddy, Fish culture	• Monocropping • Alkaline soils • No quality fish seeds in right time availability to small farmers.	-	Shyagale Chatnahalli Nagarakatte Mayakonda	• FLD • Training • National fish farmers day • World fisheries Day
6.21	Maize, Cotton, Ragi and Vegetables	• Excess use of fertilizers and pesticides • Less usage of organic manures • No seed treatment with bio fertilizers	-	Malemachikere	• Group meeting • Training • Field visits

7. Technology Assessment during 2014-15

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
7.1	Groundnut	• Tikka leaf spot disease. • Non availability of quality seeds for sowing. • Root rot. • Quality fodder • No seed treatment, low yield	Performance assessment of Groundnut varieties for high yield	T_1 – Farmers Practice TMV-2 T_2- GPBD-4 T_3 –ICGV-91114 T_4- KCG-6	UAS, Bengaluru UAS, Dharwad CRIDA, Hyderabad UAS, Bengaluru

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
T_1 – TMV-2					-	
T_2- Seeds-GPBD-4 Trichoderma Gypsum	100 kg (Pods) 6 kg 150 kg	8,100-00 400-00 1500-00	03 03	10,000-00	Germination % Plant height (cm) No. of pods/plant Test Weight No. of nodules / plant	Mr. Mallikarjuna B.O. Mr. Prasannakumar N. Mr. Sannagourda H.M. Dr. Devaraja T.N.
T_3 – Seeds, ICGV-91114 Trichoderma Gypsum	100 kg (Pods) 6 kg 150 kg	8,100-00 400-00 1500-00	03	10,000-00		
T_4- Seeds- KCG-6 Trichodema Gypsum	100 kg (Pods) 6 kg 150 kg	8,100-00 400-00 1500-00	03	10,000-00		
				30,000-00		

No. of farmers 03
No. of trail 12
Area 2.4 ha

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
7.2	Banana	• Lower planting density and low productivity per unit area	Modified high density planting for improved productivity in Banana	T_1 – Square method 2.7 m x 2.7 m spacing T_2- Square method 1.8 x 1.8 m spacing T_3 – Paired row with zig zag method (1.2 x 1.2 x2m)	- UAS, Bengaluru NRCB , Trichi

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
T_1 – Nil	275		02	-	• Bunch weight (kg) • No. of hands in bunch • No. of fingers in bunch • Yield (t / ha)	
T_2- Banana TC plants	600	9000-00	02	18000-00		Mr. Basavanagowda M.G.. Mr. Raghuraja J. Dr. Devaraja T.N.
T_3 – Banana TC plants	1040	15600-00	02	31200-00		
				49200-00		

No. of farmers: 03
Area : 1.2 ha.
No. of trail : 06

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
7.3	Paddy	• Lower productivity. • Imbalanced nutrient management. • Chaffy grains. • No soil testing.	Response of paddy to boron spray with respect to yield.	T_1 – Farmers practice T_2 – Recommended package of practice T_3 – Recommended package of practice + Foliar application of boron (0.1%) before flowering and after 15 days of first spray.	UAS, Bangalore Directorate of Rice Research, Hyderabad

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
T_1 – Nil	-		02	-	• Soil fertility status • Number of tillers • % chaffy grains • Test weight • Yield (q /ha)	Mr. H. M. Sannagoudra. Mr. Raghuraja J. Dr. Devaraja T.N.
T_2- *Azospirillum*	0.5 kg	50-00	02	1000-00		
PSB	0.5 kg	50-00				
VAM	0.5 kg	50-00				
Zinc sulphate (20 kg/ha)	8 (kg)	350-00				
T_3 – *Azospirillum*	0.5 kg	50-00	02	1200-00		
PSB	0.5 kg	50-00				
VAM	0.5 kg	50-00				
Zinc sulphate (20 kg/ha)	8 (kg)	350-00				
Boric acid (0.1%)	0.5 (kg)	100-00				
				2200-00		

No. of farmers: 03,
Area : 2 ha.
No. of trails: 06

S. No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology
7.4	Dairying	• Pre partum cervico- vaginal / post partum uterine prolapse in the pregnant dairy animals	Alleviation of reproductive problems in dairy animals through balanced nutrition	T_1 – Farmers Practice : Feeding dairy animals with only brans / cakes along with low quality roughages and Feeding animals only during lactation. T_2- Feeding dairy animals with compounded animal feeds and roughages as per the feeding standards. T_3 –Feeding dairy animals with compounded animal feeds along with roughages as per the feeding standards both in dry and lactation period: • Periodical Deworming • Use of area specific mineral mixture • Use of calcium tonic	HB of Animal Husbandry, KVAFSU, Bidar NIANP, Benglauru

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
T_1 – Nil					-	-
T_2- Dewormer (Twice) Mineral mixture	3 g x 2 boli 1 kg x 6	110.00 540-00	10	6500-00	Pre partum and post partum prolapse, Parturition, ROP, Metabolic disorders	Dr. Jayadevappa G.K. Dr. Devaraja T.N. Mr. Raghuraja J.
T_3 Dewormer (Twice) ASMM (Chelated) Calcium tonic	3 g x 2 boli 1 kg x 6 5 lt x 2	110-00 900-00 1000-00	10	20100-00	Birth weight of calf Milk yield.	
			Total	**26,600-00**		

No. of farmers: 10
No. of trails: 20

8. Technology Refinement during 2014-15: Nil

9. Frontline Demonstrations during 2014-15

1. Cereals:

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.1	Cereals	1) Paddy	• Seed bed preparation (seedling raising). • Non availability of skilled labourers. • Poor soil fertility. • Improper nutrient management (No green manure crops, FYM biofertilizer). • High cost of production. • Labour shortage for timely transplanting / weeding. • Low yield.	**Integrated crop management in rice to increase the yield through mechanization** • Green manuring crops-Daiancha. • Raising seedling in pore trays (60-70 No./acre). • Seed rate (8-10 kg/acre). • Mechanized transplanting. • INM. • Use of cono weeder (power operated).	Variety	JJL/Bpt Sona	CIAE Bhopal TNAU –TN

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
Mechanization (Hiring) Transplanting charges Cono weeder Power sprayer	-	2500-00	20 No.	50000-00	• Soil test before and after • No. of seedling / sqm • Cost of production • No. of labourers / operation • Yield	Mr. Mallikarjuna B.O. Mr. Prasannakumara N. Dr. Devaraja T.N.
		2500-00				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Cereals	2) Paddy	• Higher incidence of brown plant hopper • Indiscriminate use of pesticides	**Integrated management of brown plant hopper in paddy** • Leaving one of gap for every 3-4 m of transplanting. • Removal of weeds around bunds • Use of recommended dose of fertilizers. • Conservation of natural enemies like lady bird beetle, dragen fly, spider and green bug. • Drain out excess water immediately after notice of pests. • Mix 500 ml of DDVP with 5 kg sand and apply • Next day spray with acephate (1 gm) and chloropyriphos 2.5 ml. • Spray with buprofezin 1.5 ml /l depending upon severity.	**Variety**	JJL/BPT	UAS, Bengaluru

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
DDVP Acephate Chloropyriphos Buprofezin	0.5 L 0.5 kg 0.5 L 0.5 L	250 300 200 550	15 No's	13000-00	• Soil test before and after • % incidence of BPH • Yield (q/ha)	Mr. Prasannakumara N. Mr. Mallikarjuna B.O. Mr. Raghuraja J. Dr. Devaraja T.N.
		1300-00		**19500-00**		

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Cereals	3) Maize	• Quality hybrid seed non availability (loose seeds). • No intercrops with pulses. • Higher fertilizer dose application. • Improper nutrient management • Low yield • Fluctuating Market price	**ICM in Maize with Redgram as a inter crop**. • Redgram as intercrop (6:1). • Seed treatment with *Azosprillium.* (Biofertilizer- 500 g / 15 kg seeds). • Macro nutrient sprays. (19: 19: 19) • Power operated weed management at 30 DAS. • ICM and intercropping pulses in maize. • Improvement of soil fertility in maize through intercropping.	Maize- hybrid Redgram variety	NAH-1137 BRG-4 or 5	UAS (Bengaluru)

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
Seeds: Maize – NAH-1137	5 kg	450-00	15	18,300-00	• Soil test before and after • Plant height (cm) • No. of rows / cob • Test weight • Yield (q/ha)	Mr. Mallikarjuna B.O. Mr. Prasannakumara N. Mr. Sannagoudra H.M. Dr. Devaraja T.N.
Redgram BRG-2	2 kg	240-00				
Azosprillum	1 kg	70-00				
Zinc sulphate	4 kg	200-00				
19:19:19	2 kg	260-00				
		1220-00				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Cereals	4) Maize	• Higher incidence of turcicum leaf blight	**Integrated management of turcicum leaf blight in maize**. • Selection of seed from disease free area • Crop rotation • Removal of affected plants • Removal of excess water from field by drainage system • Seed treatment with *Trichoderma* @ 6gm/ kg of seed and soil application of *Trichoderma* • Spray with Hexaconozol 1ml/l at 35 and 50 days after sowing	Maize- hybrid	Private	UAS (Dharwad)

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
Trichoderma	3kg	300-00	20	17,000-00	• Soil test before and after • % incidence of turcicum leaf blight • Yield (q/ha)	Mr. Prasannakumara N. Mr. Mallikarjuna B.O. Mr. Sannagoudra H.M. Dr. Devaraja T.N.
Hexaconozol	1 l	550-00				
		850-00				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.2	Millets	5) Ragi	• Low yield. • Use of local varieties (old seeds). • Higher seed rate (25 kg / acre). • Harvesting (No mechanization). • No seed treatment with biofertilizers. • Fodder. Long duration varieties	**Demonstration of HYV Ragi (KMR-301)** • Seed new variety KMR-301 (5 kg/acre) • Seed treatment with biofertilizers (1kg) • Application of $ZnSO_4$ @ 5 kg/acre • Spraying of water soluble fertilizers stages. 19/18 all at tillering stage.	Variety	KMR- 301	UAS (Bengaluru)

9.2 Millets

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
Seeds	5 kg	200-00	25	11,750-00	• Soil test before and after • Plant height (cm) • No. tillers / hill • No. of fingers / ear • Yield (q/ha)	Mr. Mallikarjuna B.O. Dr Jayadevappa G.K. Dr. Devaraja T.N.
Biofertilziers	200 g	40-00				
$ZnSO_4$	2 kg	100-00				
19:19:19	1 kg	130-00				
		470-00				

9.3 Oil Seeds: Nil

9.4 Pulses: Nil

9.5 Commercial Crops:

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.5	Commercial crops	6) Cotton	• Improper spacing • Improper nutrient management. • Incidence of sucking pests. • Square dropping • Leaf reddening	**Integrated crop management in cotton:** • Soil test based fertilizer application • Maintaining proper spacing • Spraying acetamaprid 20 SP @ 0.2 g/l against sucking pests • Spraying of 1% $MgSO_4$ + 1% KNO_3 at 90 and 110 DAS • Spraying of planofix (1ml/4.5 l of water) at flowering stage • Bhendi as trap crop (6:1) • Weed management	Hybrid	Bt	UAS Bangalore

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
Acetamaprid 20 SP	200 g	500-00	20	18500-00	• % square dropping • % leaf reddening • Yield (q/ha)	Mr. Sannagoudra H.M. Mr. Mallikarjuna B.O. Mr. Prasannakumar N.
Magnesium sulphate	4 Kg	600-00				
KNO_3	4 Kg	600-00				
Planofix	100 ml	150-00				
		1850		**37000-00**		

9.6 Horticulture Crop:

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.6	Horticulture	7) French bean	• Low yield potential of existing crop • Leaf rust incidence	**Demonstration of HYV Arka sharath, the French bean** • Popularization of HYV • Arka Sharath in French bean	HYV	Arka Sharath	IIHR, Bengaluru

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
Arka Sharath seeds	16 kg	3200-00	05	16000-00	• Pod length • Yield per unit area	Mr. Basavanagowda M.G. Mr. Prasannakumara N. Mr. Raghuraja J.

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
		8)Amaranthus	• Low yield • Use of local varieties • Improper nutrient managment	**Demonstration of HYV Amaranthus Arka Samraksha** • ICM in Amaranthus	Variety	Arka Samraksha	IIHR, Bengaluru

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
Arka Samrakhsa Seeds	500 g	500-00	10	5000-00	• Yield / ha	Mr Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Raghuraja J. .

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Fruit crop	9) Banana	Higher incidence of sigatoka leaf spot	**Integrated management of sigatoka leaf spot in banana** • Removal of affected leaves and burning • Planting of seedlings in recommended spacing (6x6). • Adaptation of drainage system • Spray with hexaconozol (1ml/L) and carbendizim +mancogeb (2gm/L) • Repeat the spray depending upon incidence • Soil application of trichoderma (12.5 kg/ha)	Hybrid	G-9	UAS, Bengaluru IIHR, Bengaluru

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
Propiconozol	1 L	1000-0	15 Nos	30750-00	• Soil test before and after • % incidence of leaf spot • Yield (t/ha)	Mr. Prasannakumara N. Mr. Basavanagowda M.G. Mr. Mr. Raghuraja J.. Mr. Sannagoudra H.M.
Carbendizim + Mancozeb	1 kg	550-00				
Trichoderma	5 kg	500-00				
	Total	**2050-00**				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Plantation crop	10) Arecanut	• Higher incidence of hidimundige • No drainage and intercropping	**Integrated management of Hidimundige in arecanut** • For every two rows, one row of 2.5-3 feet drainage. • Loosening of soil around base of plant • Avoiding flood irrigation, adoption of sprinkler or drip irrigation and avoid repeated cultivation • Application of RDF based on soil test result (100:40:140: gm/NPK/pt /year. • Use of FYM enriched with trichoderma and pseudomonas • Application of $CuSO_4$ and lime 100 gm/ plant • Borax application based on soil test result (25 gm /pl) • Enrichment of soil with cover crop mucuna • Spray with dimethoate (2ml/L) and blitox (3gm/L) **100 plants / Demo**	Variety	Theerthahalli local	CPCRI (Kasargod)

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
Borax	3 kg	330-00	10 No.s	39300-00	• Soil test before and after • % incidence of Hidimundige • Yield (q/ha)	Mr. Prasannakumara N. Mr. Basavanagowda M.G. Mr. Mr. Raghuraja J. Dr. Devaraja T.N.
Trichoderma	5kg	500-00				
Mucuna	6 kg	600-00				
$CuSO_4$	10 kg	2000-00				
Lime	10 kg	500-00				
	Total	**3930-00**				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
		11) Tomato	• Fruit cracking • Improper micronutrient management • Existing hybrids / varieties are susceptible to TLCV and Bacterial wilt. • Poor yield	**Demonstration of tripple disease resistant hybrid Tomato, Arka Rakshak.** • Use of Arka rakshak (resistant to TLCV and Bacterial wilt) hybrid seeds • Spraying of vegetable special	Hybrid	Arka rakshak	IIHR, Bengaluru

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
Seed of Arka Rakshak hybrid- Vegetable special- (Rs. 150 / kg)	20 g 03 kg	600-00 450-00	15	15750-00	• Yield	Mr. Basavanagowda M.G.
	Total	**1050-00**				

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
		12) Chilli	• Improper nutrient management • Micronutrient deficiency • Leaf curl • Poor yield	**Integrated crop management in chilli** • Soil test based fertilizer application • Application of bio fertilizers • Spraying of imidachloprid 0.5 ml / l and acetamaprid 20 SP @ 0.5 g/l against sucking pests • Spraying of vegetable special	Hybrid	-	IIHR

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
Imidachloprid Acetamaprid VAM PSB Vegetable special	100 ml 100 g 1kg 1kg 3kg	250 250 120 120 450	10	11900-00	• Number of fruits per plant • Yield (q/ha)	Mr. Sannagoudra H.M Mr. Basavanagowda M.G. Mr. Prasannakumar N.
Total		**1190**			•	

9.7 Livestock

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.7	Livestock	13) Dairying	• Lower milk production • Low quality and unhygienic milk production	**Scientific management of dairy animals for better performance**	Crossbred cow (HF & Jr x)	-	KVAFSU, Bidar

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
• Dewormer	3 g x 1	60-00	10	11000-00	• Milk yield • Milk quality • Cost of milk production • Incidence of mastitis	Dr. Jayadevappa G.K. Dr. Devaraja T.N. Mr. Raghuraja J.
• ASMM	1 kg x 2	300-00				
• Calcium tonic	5 L x 1	600-00				
• Saaf kit	200 ml x1	100-00				
• Azolla culture for production	2 kg	40-00				
	Total	**1100-00**		**11000-00**		

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Livestock	14) Small ruminants rearing (Sheep and goat)	• Lower body weight gain due to under nutrition and worm load	**Balanced feeding and total deworming in small ruminants for better performance**	Bellary (local)	-	KVAFSU

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
Mineral mixture	1 kg x 10	1000	05	5500-00	• Body weight gain • Reproductive parameters	Dr. Jayadevappa G.K. Dr. Devaraja T.N. Mr. Raghuraja J.
Dewormer	150 mg x 20	100				
	Total	**1100-00**		**5500-00**		

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
	Livestock	15) Feed and fodder management	• Low quality feeding stuffs • Fodder scarcity	**Establishment of fodder cafeteria (DHN-6, guinea, Lucerne and sesbenia)**	Hybrid	DHN-6, BG-9, T-9	IGFRI, Dharwad

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
DHN-6- root slips Guinea- root slips Lucerne- seeds Sesbenia sp.	1000 1000 250 g 100 g	1100	05 (1 ha)	5500-00	• Fodder yield • Fodder voluntary intake	Dr. Jayadevappa G.K. Mr. Mallikarjuna B.O Mr. Sannagoudra H.M. Mr. Raghuraja J.
Total		**1100-00**		**5500-00**		

S. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
9.8	Fisheries	16) Fish seeds	• Non availability of good quality fish seeds at appropriate time	**Common carp seed production through hapa system in farm ponds** • Selection of broods • Nourishing the broods • Breeding in hapas • Rearing the spawn and Fry	Variety	Common carp, *Cyprinus carpio*	UAS, Bengaluru

9.8 Fisheries

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
			02	3750-00	• No. of seeds produced per batch of broods • % survival of spawn • C:B	Dr. Devaraja T.N.
Yearlings of common carp (25 females and 50 males)	75 fishes, 18.75 kg fish @ 250 g weighing each fish	1875-00 @ 100/kg				
Big Hapas	02	1500		3,000-00		
Small Hapas	02	1000		2,000-00		
Total		**4375-00**		**8750-00**		

9.9 Others

Integrated Farming System in Dryland Horticulture (3rd year):

No. of farmers – 6
Indices of Development: Income, Yield, Soil nutrients status and Integration of different crop/ enterprises.

Name of the farmer, Land holding and Annual Income 2011-12	Existing crop / enterprises	KVK intervention			
		2012-13	2013-14	Activities planned 2014-15	Amount (Rs.)
Sri Mallikarjuna V., Kondajji, Harihar-tq. 4.1 ha 4,10,000/-	Coconut, Arecanut, Oil palm, Cocoa, Drumstick, Sapota, Turmeric and Vermicompost	Drumstick, Sapota, Mango and Curry leaves seedlings	Drumstick, velvet beans and azolla unit	Pepper seedlings Cardamum seedlings Jaikai seedlings	2000-00 2000-00 4000-00
Sri Shikari Balappa, Kurubagere, Harapanahalli tq. 4 ha. 3,50,000/-	Maize, Ragi, Redgram, Sorghum, Groundnut, Dryland paddy, Mango, Sapota, Dairy, Sheep rearing and Vermicompost	Mango, Sapota and Lemon seedlings	Sheep and Azolla unit	Dairy and Sheep rearing unit	8300-00
Sri Arunkumar G.C. Bilchod, Jagaluru tq. 9.2 ha. 8,00,000/-	Maize, Ragi, Redgram, Sorghum, Field bean, Cotton, Tamarind , Banana, Guava, Marigold, Tomato, Chilli, Drumstick, Apiculture, Cowpea, Mango, Sapota, Coconut, Arecanut, Dairy and	Sapota, Guava, tamarind seedlings	Drumstick , Tamarind, Guava, Sapota and Azolla unit	Mango seedlings Sapota seedlings	4000-00 4300-00

	Vermicompost				
Sri Shankaramurthy N.S. Lingadahalli Channagiri tq. 4.7 ha. 12,00,000/-	Maize, Ragi, Redgram, Field bean, Niger, Mustard, Arecanut, Coconut, Turmeric, Rose, Button rose, Marigold,	Vermicompost unit and sheep rearing unit	Fish pond and Azolla unit	Sheep rearing unit	8300-00
Sri Onkarappa G., S. Mallapura Honnali tq. 3.6 ha. 4,50,000/-	Maize, Ragi, Cotton, Groundnut, Mango, Sapota, Coconut, Oil palm, Drumstick, Papaya, Jamoon, Tamarind, Cluster bean, Brinjal, Chilli, Betelvine, Cucumber, Beans, Cabbage, Onion, Silver oak, Bio- Digester, Vermicompost unit and Dairy	Mango, Sapota, Jack fruit and Orange seedlings	Musambi, Guava seedlings and Azolla unit	Mango seedlings Musambi seedlings Sheep rearing unit	2000-00 3000-00 3500-00
Sri Dyamappa H.D. Haluvarthy Davanagere tq. 6 ha. 10,00,000/-	Maize, Cotton, Cucumber, Pumpkin, Chilli, Cowpea, Rose, Papaya, Arecanut, Dairy, Poultry and Poultry feed maker	Mango, Jack fruit seedlings and Vermicompost unit	Lemon, Sapota seedlings and Azolla unit	Sheep rearing unit and Dairy unit	8600-00
				Total	**50000-00**

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**							
	Nursery	Paddy	• Poor knowledge on raising nursery for mechanized transplanting	FLD	• Methods of nursery raising techniques in paddy mechanized transplanting	01	25	Mr. Mallikarjuna B.O.
	Green manuring crops INM	Paddy	• Soil fertilizer status	FLD	• Importance of Green manuring crops in paddy	01	25	Mr. Mallikarjuna B.O
	Transplanting	Paddy	• Labour problem and not timely transplanted	FLD	• Introduction of different transplanters	01	40	Mr. Mallikarjuna B.O
	Weed management	Paddy	• Labour problem	FLD	• Advantages of mechanical weeding in paddy	01	20	Mr. Mallikarjuna B.O
	Integrated crop management	Maize	• Higher seed rate • No soil test • No intercropping • Low yield	FLD	• Soil sampling techniques. • INM in maize • Management of turcicum leaf blight.	01 01 01	30 20 20	Mr. Mallikarjuna B.O & Sannagoudra H.M. Mr. Mallikarjuna B.O Mr. Prasannakumara N.

	Seed treatment and sowing	Ragi	• Higher seed rate • Poor knowledge on bio fertilizer	FLD	• Seed treatment with bio fertilizers • INM in Ragi	01 01	25 25	Mr. Mallikarjuna B.O
	Integrated crop management	Groundnut	• Low yield • Poor fodder quality • Non availability of quality seed material. • No mechanization • Pest problem	OFT	• Seed selection duration and production technology in Groundnut. • Integrated pest management in Gorundnut	01 01	20 20	Mr. Mallikarjuna B.O Mr. Mallikarjuna B.O & Mr. Prasannakumara N.
10.2	**Horticulture Production**							
	Nutrient management	Coconut	• Dropping of nuts • Palms suceptable to pest and diseases • Poor fertility management • Lack of labours for harvesting	FLD	• ICM in coconut • Coconut palm climbing and palnt protection	02	55	Mr. Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Prasannakumara N. Mr. Raghuraja J.
	Crop management	Vegetable crops	• Lack of good HYV • Micronutrient deficiency • Regular assurance of pest and diseases	FLD	• Popularization of HYV released by IIHR, Bengaluru in vegetable crops • Use of vegetable special in vegetable	01	50	Mr. Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Raghuraja J.
		Chilli	• Nutrient management	FLD	INM chilli	01	20	Mr. Sannagoudra H.M. Mr. Basavanagowda M.G.

10.3	**Livestock Production**							
	Livestock nutrition	Dairy Animals	• Lower milk production • Infertility problems • Reproductive problems • Eversion of genital organs	FLD and OFT	• Scientific feeding of dairy animals	02	50	Dr. Jayadevappa G.K.
	Livestock nutrition	Small ruminants	• Lower body weight gain • Endo parasites	FLD	• Advantages of stall feeding methods in small ruminants	02	40	Dr. Jayadevappa G.K
	Livestock production (feed and fodder management)	Fodder production	• Low quality feeding stuffs for high yielding animals	FLD	• Production of high yielding varieties of fodder (DHN-6) and its nutritive value	01	30	Dr. Jayadevappa G.K Mr. Mallikarjuna B.O.
10.5	**Plant Protection**							
	IPM	Paddy	• BPH problem	FLD	• Identification of symptoms of BPH damage	01	30	Mr. Prasannakumara N.
	IPM	Banana	• Sigatoka leaf spot • Drainage problem	FLD	• IDM practices for leaf spot management	01	30	Mr. Prasannakumara N. Mr. Basavanagowda M.G.
			• Micronutrient deficiency • Lower bunch weight	FLD	• Use of banana special in banana • INM in banana	02	60	Mr.Prasannakumara N. Mr. Basavanagowda M.G.
	IPM	Arecanut	• Hidimundige • Dropping of nuts • Splitting of nuts	FLD	• IDM practices for Hidimundige • Role of green manure crops in increasing the productivity of arecanut	01 02	30 60	Mr. Prasannakumara N. Mr. Basavanagowda M.G.

10.7	**Soil Health and Fertility**	Paddy	• No soil test • Improper nutrient management	OFT	• INM in paddy	01	25	Mr. Sannagoudra H.M
	Nutrient management	Cotton	• Excess use of fertilizer • No micronutrient application	FLD	• ICM in cotton	01	50	Mr. Sannagoudra H.M
10.8	**PHT and value addition**							
		Coconut	• No value addition • Poor grading • Low price for produce	Training	• Processing and value addition in coconut	01	100	Mr. Basavanagowda M.G. Mr. Raghuraja J.
10.10	**Farm Mechanization**	Coconut	• Availability of labour for harvesting	Training	• Coconut palm climbing and plant protection	02	40	Mr. Basavanagowda M.G. Mr. Prasannakumara N. Mr. Raghuraja J.
10.11	**Fisheries Production Technologies**							
	Fish seed production	Fish	• Non availability of quality of fish seeds at appropriate time	FLD	• Principles of carp seed production	01	20	Dr. Devaraja T.N.

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**							
	Mechanization in paddy transplanting	Paddy	• Non availability of skilled labourers	FLD	• Mechanization in paddy production system and machinery maintenance	01	30	Mr. Mallikarjuna B.O.
	Trash management	Sugarcane	• Burning of trash • De composition delayed • Deteriorating soil health	-	• Soil health management for sustainable crop production • Different methods of sugarcane trash management	01	25	Mr. Mallikarjuna B.O. Mr. Sannagoudra H.M
11.2	**Horticulture Production**							
		Coconut	• Non availability of skilled labour for harvesting and croun cleaning	Training	• Empowerment of rural youth in coconut palm climbing and plant protection	02	40	Mr. Basavanagowda M.G. Mr. Prasannakumara N. Mr. Raghuraja J.
		Tomato	• Availability of good quality seedlings • Poor yield of existing varieties	Training	• Production of quality planting materials in vegetable crops	01	20	Mr. Basavanagowda M.G. Mr. Prasannakumara N.

11.3	**Livestock Production**							
		Dairying	• Under feeding dairy animals resulting in poor performance (milk production and reproductive)	OFT FLD	• Scientific management of dairy animals in lactation and dry period	01	20	Dr. Jayadevappa G.K.
		Small ruminants rearing	• Lower body weight gain, disease incidence	FLD	• Advantages of stall feeding methods in small ruminants rearing • Silage making methods and it's advantages	01 01	20 20	Dr. Jayadevappa G.K.
11.5	**Plant Protection**							
	IDM	Arecanut	Hidimundige syndrome	FLD	IDM practices for hidimundige	01	30	Mr. Prasannakumara N.
	IDM	Banana	Sigatoka leaf spot	FLD	IDM practices for leaf spot management	01	30	Mr. Prasannakumara N.

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**				
	ICM	Production technology in Bt cotton to increase the yield	01	30 (AO's and AAO's (Anugaru of Harapanahalli)	Mr. Mallikarjuna B.O.
	ICM	Mechanization in paddy production system to increase the productivity	01	25 (Harihara, Davanagere taluk officers	Mr. Mallikarjuna B.O.
	Soil fertility and Nutrient management	Importance of green manuring crops in paddy production system	01	25	Mr. Mallikarjuna B.O.
		Integrated nutrient management for sustainable agriculture	01	25	Mr. H.M. Sannagourda
12.4	**Horticulture**				
		• Role of Taralabalu Banana special in increasing the productivity of banana in Davangere district	02	50	Mr. Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Raghuraja J.
		• Dry land Horticulture	02	50	Mr. Basavanagowda M.G. Mr. Raghuraja J.
	Nutrient management	• Importance of soil and water testing in horticulture crops	01	30	Mr. Sannagoudra H.M. Mr. Basavanagowda M.G.
12.5	**Livestock Production & Management**	• Control and eradication contagious and infections diseases in livestock	01	50	Dr. Jayadevappa G.K.
		• Silage making methods and its advantages	01	50	Dr. Jayadevappa G.K.
12.6	**Plant Protection**				
	Crop protection	IPDM in arecanut and banana	01	30	Mr. Prasannakuamra N. Mr. Raghuraja J.
		IPDM in maize and paddy	01	30	Mr. Prasannakuamra N.

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**						
	Vermicomposting (Sugarcane trash)	Conversion of the sugar trash in to vermicompost	01 (3 days)	Farmers	25	Agriculture Department, Davangere	Mr. Mallikarjuna B.O.
13.4	**Horticulture**						
		• Empowerment of rural youths in coconut palm climbing	02 (6 days)	Rural youths	40	Coconut Development Board, Bengaluru NRLM, Bengaluru	Mr. Basavanagowda M.G. Mr. Prasannakumara N. Mr. Raghuraja J.
		• Kitchen garden and terrace gardening	02 (6 days)	Women SHG's	40	Dept. of Horticulture	Mr. Basavanagowda M.G. Mr. Raghuraja J.
13.5	**Livestock Production & Management**	• Scientific dairy farming and vermicompost production	01 (8-10 days)	SHGs, DDFA members, Youths	20	Zilla Panchayath, Davanagere	Dr. Jayadevappa G.K.
		• Stall feeding methods and its advantages in small ruminants rearing	01 (8-10 days)	Rural Youth SHGs	20	Zilla Panchayath, Davanagere	Dr. Jayadevappa G.K.

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**						
	ICM (Maize and Paddy)	Integrated crop management in maize and paddy	01	Field level workers	30	MCF	Mr. Mallikarjuna B.O.
	ICM in maize	ICM in maize with redgram as a intercrop	01	Field level workers	25	SKRD's	Mr. Mallikarjuna B.O.
	Water management paddy	Management of water and fertilizer in paddy	01	SHG farmers	35	WALMI, Dharwad	Mr. Mallikarjuna B.O.
14.4	**Horticulture**						
		• Recent trends in production technology of black pepper	01 (02)	Youths	30	National Horticulture Mission	Mr. Basavanagowda M.G. Mr. Prasannakumara N. Mr. Raghuraja J.
		• Coconut byproducts and value addition	01 (02)	SHG's	30	CPCRI, Kasargod	Mr. Basavanagowda M.G. Mr. Raghuraja J.
14.5	**Livestock Production & Management**						
	1) Dairying and vermicompost production	• Integrated dairy farming and vermicompost production for sustainable livelihood security	05 (6 days)	Selected women SHGs	200	Zilla Panchayath, Davanagere	Dr. Jayadevappa G.K. Dr. Devaraja T.N.
	2) Small ruminates	• Stall feeding methods and its advantages	1 (6-days)	Selected women SHGs	30	Zilla Panchayath, Davanagere	Dr. Jayadevappa G.K. Dr. Devaraja T.N.

14.6	**Plant Protection**						
	Crop protection	• IPDM in paddy	01	Field level workers	25	Dhanuka pesticides ltd	Mr. Prasannakumara N.
		• IPDM in arecanut	01	Farmers	40	MCF	Mr. Prasannakumara N. Mr. Basavanagowda M.G

15. Extension programmes during 2014-15

Sl.No.	Extension programme	No. of programmes or activities	Expected No. of participants	Names of the team members involved
15.1	Advisory Services	1500	1500	Programme Coordinator and All SMS
15.2	Diagnostic visits	15		
15.3	Field Day	20	1100	
15.4	Group discussions	5	160	
15.5	Kisan Ghosthi	01	150	
15.6	Film Show	30	1200	
15.7	Self -help groups	01	20	
15.8	Kisan Mela	01	2000	
15.9	Exhibition	05	5000	
15.10	Scientists' visit to farmers field	80		
15.11	Plant/Soil health/Animal health camps	05	300 and 250 Animals	
15.12	Farm Science Club	01	30	
15.13	Ex-trainees Sammelan	01	60	
15.14	Farmers' seminar/workshop	10	500	
15.15	Method Demonstrations	15	350	
15.16	Celebration of important days	03	110	
15.17	Special day celebration	04	250	
15.18	Exposure visits	02	75	
15.19	Technology week	01	1000	
15.20	FFS	01	25	
15.21	Farm innovators meet	01	80	
15.22	Awareness programs(on Foot and Mouth disease)	04	400	
	Others			
	1. Kisan Mobile Advisory Services	100	3000	
	2. Radio Talk	12		
	3. TV Talk	18		
	4. Popular Articles	08		
	5. News Papers Coverage	35		
	6. PRA	02		

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	• Different spacing in banana (G-9) • Intercropping with vegetables	0.4	Mr. Mallikarjuna B.O. Mr. Shivakumara S.E. (Field Assistant)
		• Marigold flower	0.2	
		• Vegetables	0.2	
		• Minor millets	0.2	
	Vegetable crop cafeteria	• Crop cafeteria of varieties / hybrids developed by IIHR, Bengaluru and other universities	0.2 ha	Mr. Basavanagowda M.G. Mr. Vijayakumara S.B.
	Fruit Germplasm block	• Mixed fruit orchard of different varieties	0.2 ha	Mr. Basavanagowda M.G. Dr. Devaraja Mr. Vijayakumara S.B.
16.1.2	Demonstration Units (INSIMP)	• Millets processing and powdering	1 unit	Mr. Mallikarjuna B.O. And Dr. Devaraja T.N.
	Medicinal and aromatic palnts	• Collection of different indigenously available medicinal and aromatic plants	0.2 ha	Mr. Basavanagowda M.G. Dr. Devaraja T.N. Mr. Vijayakumara S.B.
	Demonstration units in the instructional farm + Technology week	• Cross bred cow dairy unit • Milking machine • Fodder cutting machine • Vermicompost unit • Vermicompost unit • Azolla unit • Varietal fodder plot • Fish hatchery	10 cow unit 1 1 8 1 5 1 acre 1 unit	Dr. Jayadevappa G.K. Dr. Jayadevappa G.K. Dr. Jayadevappa G.K. Dr. Jayadevappa G.K. & Mr. Vijayakumara S.B.] Dr. Jayadevappa G.K. Dr. Jayadevappa G.K. Dr. Jayadevappa G.K. & Mr. Vijayakumara S.B.] Dr. Devaraja T.N.
186.1.3	Lab Analytical services			

156.1.4	Technology Week	Frontline Demonstration and on farm trials, demonstration units in the KVK instructional farm will be exhibited. An agricultural exhibition will be organized in collaboration with Development Departments, Agri input agencies. Seminars and Ghosties will be organized on the occasion.	1 (5 days)	Programme Coordinator, All SMS and Farm Manager

1

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				
	Beans (Araka suvida)		Seeds	3	Farm Manager + SMS (Horticulture)
	Redgram		Seeds	5	Farm Manager + SMS (Agri. Extension)
	Velvet beans		Seeds	3	Farm Manager
	Sunhemp		Seeds	2	Farm Manager + SMS (Plant Protection)
	Diancha		Seeds	2	Farm Manager + SMS (Plant Protection)
			Total	**15**	
	Fish seeds	-	Common carp seeds (Fingerlings)	20,000 No.	Dr. Devaraja T.N.
	Brood stock	-	Common carp brood stock	500 No.	Dr. Devaraja T.N.

16.2.2	Planting materials				
			Mango seedlings(Alphanso)	3000	Mr. Basavanagowda M.G.
			Sapota seedlings (Cricket Ball)	500	Mr. Basavanagowda M.G.
			Drumstick seedlings (PKM-1)	8000	Mr. Basavanagowda M.G.
			Lime seedlings (Jagalur local)	2000	Mr. Basavanagowda M.G.
	Micronutrient mixture	Indian institute of Horticultural research (IIHR), Bengaluru	Banana special	2000 kg	Mr. Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Revanasiddappa G.B.P.
16.2.3	Bio-products	-	Trichoderma	500 kg	Mr. Prasannakumara N.
16.2.4	Livestock strains		• Good pedigree calves	3-4	Dr. Jayadevappa G.K.
	Planting material		• Azolla culture	300-400 kgs	Dr. Jayadevappa G.K.
	Bio – products		• Fodder rootslips	1 lakh	Dr. Jayadevappa G.K. Mr. Vijayakumara S.B.
			• Vermicompost	25-30 tonnes	Dr. Jayadevappa G.K. Mr. Vijayakumara S.B.
			• Earthworms	40-50 kgs	Dr. Jayadevappa G.K.
			• Biogas	10 cu.ft gas / day	Dr. Jayadevappa G.K. Mr. Revanasiddappa G.B.P.
16.2.5	Fish fingerlings			20000	Dr. Devaraja T.N.
16.2.6	INSIMP (Ragi and Rice)		• Flour	2 qt	Mr. Mallikarjuna B.O.

16.3 Technological Information

	Category	Technological capsules / Number	Names of the team members involved
16.3.1	Technology backstopping to line departments		
	Agriculture	02 + 02	Mr. Mallikarjuna B.O. Mr. Prasannakumara N.
	Horticulture	05	Mr. Basavanagowda M.G.
	Animal Husbandry	• Popularization of silage production	Dr. Jayadevappa G.K.
		• To popularize stall feeding method in small ruminants	
		• To popularize production of Lucerne / Azolla	
	Fisheries	• To produce common carp seeds	Dr. Devaraja T.N.
	Agricultural Engineering		
	Sericulture		
	Others, pl. specify		

16.3.2	Literature/publication (News letter)	08	Sri. Raghuraja J. Dr. Devaraja T.N. Mr. Mallikarjuna B.O.
	Folders	05	Mr. Mallikarjuna B.O. Mr. Basavanagowda M.G. Mr. Prasannakumara N.
	Folder	1000	Dr. Jayadevappa G.K. Dr. Devaraja T.N.
	Technocard	1000	Dr. Jayadevappa G.K.
	Book	02	Mr. Mallikarjuna B.O. Mr. Basavanagowda M.G. Dr. Devaraja T.N. Mr. Prasannakumara N. Mr. Sannagoudra H.M. Mr. Raghurja J.
	Leaf lets	03	Mr. Mallikarjuna B.O. Dr. Devaraja T.N. Mr. Raghuraja J.
16.3.4	Electronic Media	1-2	Dr. Jayadevappa G.K.
	T.V.	17	Mr. Mallikarjuna B.O. Mr. Basavanagowda M.G. Mr. Prasannakumara N. Dr. Devaraja T.N.
	Radio	15	Mr. Mallikarjuna B.O. Mr. Basavanagowda M.G. Mr. Prasannakumara N. Dr. Devaraja T.N.
16.3.5	Kisan Mobile Advisory Services	100	Dr. Devaraja T.N. All SMS and Computer Programmer
16.3.6	Information on centre/state sector schemes and service providers in the district.	The information will be modified by adding recent information. July 2014	Sri. Raghuraja J. Dr Devaraja T.N.

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	Taralabalu KVK, Davanagere	Impact study	• Impact of training on 'Coconut climbing and plant protection' on rural youth.	-	Raghuraja J.
17.2	NICRA	Crop technology demonstration	-	10,00,000-00	Dr. Devaraja T.N. Mr. Mallikarjuna B.O. Dr. Jayadevappa G.K.
17.3	INSIMP	Millet processing and powdering	• Grading and cleaning • Powdering	-	Mr. Mallikarjuna B.O.
17.4	Taralabalu KVK, Davanagere	Impact study	Mechanization in paddy production system	-	Mr. Mallikarjuna B.O.
17.5	Comprehensive Horticulture Development (CHD) scheme, Department of Horticulture, Government of Karnataka	Training	• 2 training programmes on production of black peppers	20,000-00	Mr. Basavanagowda M.G.
17.6	National Rural Livelihood Mission, ZP, Davangere	Training	• 2 training of 6 days on coconut palm climbing	1,50,000-00	Mr. Basavanagowda M.G
17.7	Plant Health Clinic	Plant diagnosis	• Diagnosis of affected plant samples	-	Mr. Prasanna kumara N.
17.8	ATMA, Davanagere	Exposure visit	• 2 exposure visits to precision farming farmers field at Tamil Nadu	1,00,000-00	Mr. Basavanagowda M.G
		Artificial information service	AI service with good breeds semen 150-200 AIs per month	1.5 lakh	Dr. Jayadevappa G.K DDFA Dr. Devaraja T.N.
17.9	KSTA, Bengaluru	State Seminar	One state level seminar on 'Pulses for nutritional security'	2 lakh	Mr. Mallikarjuna B.O. Dr. Devaraja T.N.

17.10 Innovative Programme:

17.10.1 : Davanagere Dairy Farmers Association (DDFA)

DDFA is first of it's kind in the state and second in the country (First in Punjab). It is an association of the farmers who are actively involved in dairy activities keeping 4 to 20 Dairy Animals. At present 50 farmers from all 6 Talukas of Davanagere District have become members and the Association was registered in November, 2012.

At present nearly 22,000 farm families are involved in dairy business in the district. There are quite a huge number of problems these families are facing viz., lack of good health coverage, lesser price for milk, non-availability of good quality fodders and feeds, lack of awareness on rearing cross bred cows and buffalos and clean milk production etc.

Davanagere District comprises 4,51,150 cattle and 2,20,470 buffalos and producing around 7.5 - 8.0 lakh its of milk a day. Around 632 milk co-operative societies are functioning in the district (SHIMUL) handling around 20 % of the total production. The reaming 80 % of milk is handled by un-organized sector.

DDFA is conducting monthly meeting to discuss the issues and decide about the viable solution to each problem. During the meeting technical seminar will be organized in the subject of farmers interest. Pharmacentical Co., Feed Co. Dairy industry representatives will also participate and give knowledge on their products

Objectives of the programme:

- To produce clean and quality milk (National problem).
- To provide advisory services and to train rural youths in artificial insemination services.
- To facilitate farmer to farmer interaction which helps in faster technology spread and identification of ITKs.
- To conduct workshops / seminars / exposure visits which are helpful to the farmers.

AND we have been doing the following:

- Monthly meeting to discuss the issues and decide about the viable solution to each problem.
- Technical seminar will be organized in the subject of farmers interest.
- Pharmacentical Co., Feed Co., Dairy industry representatives will also participate and give knowledge on their products.

Budget requirement: Rs. 50,000/-

18. Revolving Fund

18.1 Financial Status (Rs. In lakhs)

Particulars	Openig Balance as on 01.04.13	Expendi-ture	Receipts During 2013-14	Closing Balance as on 31.01.14	Expected Closing Balance by 31.03.14 (Including Value of Material in Stock / Likely To Be Produced)
Opening Balance as on 1.4.2013	1.94				
Agricultural Extension Activities :		**3.77**	**3.66**	**-0.11**	**0.73**
Farmers Hostel Unit		3.59	3.02	-0.57	0.10
Publication		0.17	0.04	-0.13	0.03
Training Tools/Equip.s Utilization Charges		0.01	0.60	0.59	0.60
Workshop / Seminars				0.00	
Agronomy Wing Activities :		**0.15**	**0.15**	**0.00**	**0.02**
INSIMP - Grains Cleaning Unit		0.09	0.08	-0.02	0.01
Kadalivana Agronomy Activities		0.06	0.07	0.01	0.01
Animal Science Unit :		**4.05**	**4.25**	**0.20**	**0.28**
Animal Rearing/Dairy Unit		3.49	3.23	-0.26	0.01
Azolla Demon. Unit			0.01	0.01	0.10
Fodder Demon. Unit		0.12	0.09	-0.03	0.01
Kadali : Vermicompost Demon. Unit		0.44	0.91	0.47	0.15
Organic Vegetable Production Unit			0.01	0.01	0.01
Farm Manager Activities :		**5.60**	**5.24**	**-0.36**	**-0.06**
Agricultural Implements Mtc.		0.21		-0.21	-0.21
Banana Cultivation Activities		0.75	0.04	-0.70	-0.75
Bullock Maintenance		0.78	0.40	-0.38	-0.40
FLD-Demon. Plots		0.01		-0.01	-0.02
FM Vermiculture Activities		0.07	0.12	0.05	0.08

Irrigation Implements Maintenance		0.01		-0.01	-0.01
Kadalivana Crops Cultivation		0.42	0.14	-0.28	-0.03
Kadalivana Farm Bunds Utilization			0.01	0.01	0.01
Kadalivana Sugar Cane Cultivation		1.64	2.82	1.18	1.18
Kadalivana Vegetable Production		0.50	0.17	-0.33	-0.35
Kesarivana Arecanut Garden		0.37	0.02	-0.35	-0.30
Kesarivana Coconut Garden		0.03		-0.03	0.03
Kesarivana Crop Cultivation		0.04		-0.04	-0.04
Kesarivana Mango Orchard Unit		0.19	0.70	0.51	0.51
Kesarivana Sapota Fruit Orchard Unit		0.07	0.01	-0.06	-0.05
Kesarivana Vegetable Production		0.01		-0.01	-0.01
Seed Production Activities			0.01	0.01	0.01
POL & Repairs		0.48		-0.48	-0.50
Seed Centre		0.04		-0.04	0.00
Tamarind/Jamun Fruit Orchard		0.01	0.05	0.04	0.04
Wood / Straw Sales			0.75	0.75	0.75
Fishery Unit Activities :		**0.16**	**0.29**	**0.13**	**0.18**
Fish-Aquaculture Activities/Fish-Cum_Paddy		0.15	0.20	0.06	0.07
Kesarivana Agro Forestry Activities		0.00	0.00	0.00	0.01
Ornamental Fish Unit/Breeding of Carps		0.01	0.08	0.08	0.10
Horticulture Unit :		**0.77**	**0.70**	**-0.07**	**-0.05**
Horticulture Demon. Activities		0.07	0.09	0.02	0.03
Horticulture Nursery Activities		0.52	0.61	0.09	0.10
Fruit Orchard Cultivation		0.17		-0.17	-0.17
Medicinal Garden		0.01		-0.01	-0.01
Plant Protection Wing :		**0.10**	**0.03**	**-0.06**	**0.02**
Plant Health Cleanic		0.01		-0.01	0.01
Trichoderma Production Activities		0.09	0.03	-0.06	0.01
Soil Science Wing :		**0.85**	**2.83**	**1.98**	**2.11**
Banana Special Activities Unit		0.68	2.39	1.71	1.80
Mango Special Activities		0.08	0.09	0.01	0.01
Soil Testing Activities		0.08	0.25	0.17	0.20

Water Testing Activities		0.02	0.10	0.09	0.10
Advances To :		**4.37**	**4.35**	**-0.01**	**0.00**
Individuals for Activities		4.31	4.30	-0.01	0.00
Institutions for Activities		0.06	0.06	0.00	0.00
Audit Fee		0.00	0.00	0.00	-0.05
Bank Charges		0.01		-0.01	-0.01
Campus Greenery Maintenance		1.62		-1.62	-1.65
Instructional Farm Activities		0.03		-0.03	-0.03
Interest on SB A/c Balance			0.02	0.02	0.02
Overhead Expenses		0.03		-0.03	-0.04
Refund of ICAR Grants		0.20		-0.20	0.00
TOTAL	**1.94**	**21.70**	**21.51**	**1.75**	**1.47**

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	Banana –G-9 Commercial production with intercrops	10-15 tons	70,000-00	Mr. Mallikarjuna B.O.
	Marigold	10 q	30,000-00	Mr. Mallikarjuna B.O.
	Vegetables			
	Tomato	5 q	3000-00	Mr. Mallikarjuna B.O.
	Raddish	5 q	4000-00	Mr. Mallikarjuna B.O.
	Millet processing	Ragi 5q. cleaning for seed material 5q flour	5,000-00	Mr. Mallikarjuna B.O.
	Horticulture nursery	13500 seedlings	20,00,00-00	Mr. Basavanagowda M.G.
18.2.2	Banana special	2000 kg	1,50,000-00	Mr. Basavanagowda M.G. Mr. Sannagoudra H.M. Mr. Revanasiddappa G.B.P.
18.2.3	*Trichoderma* production	500 kg	5,0000/-	Mr. Prasannakumara N.
18.2.4	Good pedigree calves	3-4	40,000-00	Dr. Jayadevappa G.K.
	Fodder slips	1 lakh root slips	50,000-00	Dr. Jayadevappa G.K.
	Vermicompost	25-30 tonnes	1,25,000-00	Dr. Jayadevappa G.K.
	Vermiculture units (2 No.s)	80-100 kg earthworms	25,000/-	Dr. Jayadevappa G.K.
18.2.5	Fish seed production	Fish fingerling	20,000/-	Dr. Devaraja T.N.

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	**700**	Mr. Sannagoudra H.M.
19.2	Water	**350**	Mr. Revanasiddappa G.B.P.
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	Paddy INM	December 2014	
20.2	Creation and maintenance of relevant database system for KVK	Oct. – 2014	Data base on soil, water test, Radio talk, TV talk, Farmers Advisory Service and Guest lecture completed. Database on training, FLD, OFT and others are in progress and will be completed by Oct 2014.
20.3	Any other (Please specify)		
20.4			

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

Nil

22. Farm Innovators Meet

Sl.No.	Particulars	Details
22.1	Are you planning for conducting Farm Innovators meet in your district?	Yes
22.2	If Yes, likely month of the meet	January 2015
22.3	Brief action plan in this regard	Ten Integrated Farming System practicing farmers in the district will be invited to KVK to address the gathering of interested farmers. This interactive meet will be the plotfarm to share their unique profitable farming and non-farm experiences for the benefit of all. Their presentation will be displayed as models and charts.

23. Farmers Field School (FFS) planned

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.	Team members
23.1	Integrated crop management	Integrated Crop Management in Paddy	**Critical inputs** Green manuring seeds (Diancha) 400 Seeds (25 kg) 800 Bio fertilizers (*Azosprilium*) 200 Zinc sulphate (8 kg) 400 Plant Protection measures 1200 Meals and refreshment 7000 FFS kit 10000 Exposure visit 10000	SMS (Agronomy) SMS (Soil Science) SMS (Plant Protection) SMS (Agri. Extension) Programme Coordinator
	Total		**30000**	

24. Budget - Details of Budget Utilization (2013-14) Upto 31st January 2014

(Rupees)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
24.1	**Recurring Contingencies :**			
24.1.1.	Pay & Allowances	8300000	5039857	5068679.00
24.1.2	Travelling Allowances	120000	73000	35607.00
24.1.3	Contingencies	*1050000*	638000	957804
24.1.4.A.	Stationery, Telephone, Postage and Other Expenditure on Office Running, Publication of News Letters and Library Maintenance.	200000	122000	195392.00
B.	POL, Repair of Vehicles, Tractor and Equipments	170000	103000	149476.00
C.	Meals/Refreshment for Trainees	60000	36000	43327.00
D.	Training Materials	80000	50000	80000.00
E.	Front Line Demonstrations (FLD) Except Oilseeds & Pulses	300000	182000	274261.00
F.	OFT - On Farm Testing	100000	61000	97602.00
G.	Training of Extension Functionaries	20000	12000	10395.00
H.	Maintenance of Building	35000	21000	23313.00
I.	Establishment of Soil, Plant & Water Testing Laboratory	0	0	0.00
J.	Mtc. of Library	5000	3000	4683.00
K.	Extension Activities	50000	30000	49998.00
L.	Farmers' Field School	30000	18000	29357.00
24.1.	**TOTAL : Recurring - A**	***9470000***	**5750857**	**6062090.00**

24.2.	**Non-Recurring Contingencies :**			
24.2.1	Works	0	0	0.00
24.2.2	Equipments including SWTL & Furniture	0	0	0.00
24.2.3	Vehicles (Four Wheeler/Two Wheeler)	0	0	0.00
24.2.4	Library	0	0	0.00
24.2.	**TOTAL : Non-Recurring - B**	**0**	**0**	**0**
24.3	**REVOLVING FUND**	0	0	0.00
	TOTAL - C	**0**	**0**	**0.00**
24.4	**GRAND TOTAL (A + B + C)**	**9470000**	**5750857**	**6062090.00**

25. Details of Budget Estimate (2014-15) based on Proposed Action Plan

(Rupees)

Sl. No.	Particulars	BE 2013-14 Proposed
25.1	**Recurring Contingencies :**	
25.1.1.	Pay & Allowances	93,00,000
25.1.2	Travelling Allowances	5,00,000
25.1.3	Contingencies	18,50,000
25.1.3.A.	Stationery, Telephone, Postage and Other Expenditure on Office Running, Publication of News Letters and Library Maintenance.	4,00,000
B.	POL, Repair of Vehicles, Tractor and Equipments	3,00,000
C.	Meals/Refreshment for Trainees	2,00,000
D.	Training Materials (Posters, Charts, Demon. Materials)	1,00,000
E.	Front Line Demonstrations (FLD) [16 demon.s in a year] incldg IFS & IPs	3,52,450
F.	OFT - On Farm Testing (on need based, location specific and newly generated information in the major production systems of the area)	1,08,200
G.	Training of Extension Functionaries	60,000
H.	Maintenance of Building	50,000
I.	Est/Mtc of Soil, Plant & Water Testing Laboratory	50,000
J.	Mtc. of Library	50,000
K.	Extension Activities	30,000
L.	Farmers' Field School	30,000
25.1.	**TOTAL of Recurring - A**	**1,33,80,650**

25.2.	**Non-Recurring Contingencies :**	
25.2.1	Works	2,15,94,000
	Vehicle-Implements Shed, 18.92 SQM	3,00,000
	Storage Godown, 14.42 SQM	3,00,000
	Seminar-Cum-Exhibition Hall, 200 SQMs	26,00,000
	Dormitory	45,00,000
	Open-air Class Room	5,00,000
	Farmer-Cum-KVK Mall	5,00,000
	Record Room	6,00,000
	Computer Room	5,00,000
	Stall Feeding (Goat/Sheep 100 No.s) Unit	8,00,000
	Fence for KVK Farm	20,00,000
	Tar Road in KVK Farm	10,00,000
	Ornamental Fish Tanks and Shed, 300 SQM	15,00,000
	Farm Pond for Rain Harvesting (300 x 30 x 10 m3)	5,04,000
	Additional Staff Quarters, 300 SQM	42,00,000
	Over Head Water Tank	17,90,000
25.2.2	Equipments including SWTL & Furniture	84,40,820
	Agricultural Equipments (Power Sprayer, Tractor Mounted Water Tanker, Plough, Compressor, Areators)	10,00,000
	Office Equipments	12,00,000
	Furniture & Furnishings	10,00,000
	AV Aids	5,00,000
	Fixtures & Fittings	7,30,820
	Sprinklet & Mist Unit	3,00,000
	General Equipments (RO, Solar Heater & Lights, Cow Guard)	20,00,000
	Lab.Equipments (AAS)	15,00,000
	Dairy Animals	2,10,000

25.2.3	Vehicles (Four Wheeler/Two Wheeler)	15,90,000
	[01] TATA SUMO Grande / Mahindra Xylo	9,00,000
	[02] Hero Honda Splender (Two Wheeler, 2 No.s)	1,20,000
	[03] Active Honda for Ladies Staff	70,000
	[04] Mini Truck	5,00,000
25.2.4	Library	1,00,000
25.2.	**TOTAL of Non-Recurring - B**	**3,17,24,820**
25.3	**REVOLVING FUND**	-
	TOTAL - C	**-**
25.4	**GRAND TOTAL (A + B + C)**	**4,51,05,470**

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