ACTION PLAN OF HIREHALLI KVK (IIHR-ICAR), TUMKUR: 2011-12

I. GENERAL INFORMATION ABOUT THE KRISHI VIGYAN KENDRA

1.	Name and address of KVK with Phone, Fax and e-mail	:	**KRISHI VIGYAN KENDRA**, HIREHALLI,TUMKUR-572 168 Phone:0816-2243792 Fax:0816-2243214 Email: iihrkvk@gmail.com
2.	Name and address of host organization with Phone, Fax and E-mail	:	**INDIAN INSTITUTE OF HORTICULTURAL RESEARCH** Hessaraghatta Lake Post, Bangalore-560089 Phone:080- 28466420 Fax:080-28466291 Email:director@iihr.ernet.in, diriihr@icar.org.in, iihrdirector@gmail.com
3.	Name of the Programme Coordinator Residence Phone Number/ Mobile No.	:	**Dr. L.B. Naik** Res:080-25449212 Mob:9449816584
4.	Year of sanction	:	28th March, 2009
5.	Year of start of activities	:	**2009 -10**
6.	Major farming systems/enterprises	:	Dry Land Agriculture, Horticulture & Dairy
7.	Name of agro-climatic zone	:	Central and Eastern - Dry Zone
8.	Soil type	:	Red sandy and black soils
9.	Annual rainfall (mm)	:	673 mm

II. Staff Strength as on 01-02-2011:

	Programme Coordinator	Subject Matter Specialists	Programme Assistant	Administrative Staff	Auxiliary Staff	Supporting Staff	Total
Sanctioned	01	06	03	02	02	02	16
Filled	-	06	03	02	02	02	15
Vacant	01	00	00	00	00	00	01

III. Details of staff as on 01-02-2011

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	Existing Pay scale	Number in which directly associated in the proposed programmes				Date of joining	Permanent / Temporary
					No. of tech. to be assessed / refined	FLDs	Training Programmes	Extension Programmes		
1.	Programme Co-ordinator	Dr.L.B.Naik	Agronomy						26.3.2007	Permanent
2.	Subject Matter Specialist	Sri. K.N. Jagadish,	Agril.Extension	15600 - 39100+5400	1	2	5	1	17.11.2009	Permanent
3.	Subject Matter Specialist	Sri P.R.Ramesh,	Soil Science	15600 - 39100+5400	2	2	10	1	17.11.2009	Permanent
4.	Subject Matter Specialist	Sri Prashanth J.M	Horticulture	15600 - 39100+5400	2	2	12	1	24.11.2009	Permanent
5	Subject Matter Specialist	Sri B. Hanumanthe Gowda	Plant Protection	15600 - 39100+5400	2	4	11	1	2.12.2009	Permanent
6	Subject Matter Specialist	Ms. Radha R.Banakar	Home Science	15600 - 39100+5400	2	4	11	1	5.12.2009	Permanent
7	Subject Matter Specialist	Dr. Somashekhar	Plant Breeding	15600 - 39100+5400	2	2	8	1	7.12.2009	Permanent
8	Programme Assistant	Sri Shiva Shenkar murthy	Programme Assistant	5200 - 20200+2800	1	3	9	1	8.10.2009	Permanent
9	Computer Programmer	Ms. Jyoti Appu Naik	Computer Programmer	5200 - 20200+2800	**NOT APPLICABLE**				30.9.2009	Permanent
10	Farm Manager	Sri K.S.Sanna Manjunath	Farm Manager	5200 - 20200+2800					1.10.2009	Permanent
11	Accountant/Superintendent	Sri. D. Krishnappa	Accounts	9300 - 34800+4200					14.10.2009	Permanent
12	Stenographer	Smt. Veda Kurnalli	Stenographer	5200 - 20200+2400					17.2.2010	Permanent
13	Driver 1	Sri M.H.Ningappa	Driver	5200 - 20200+2000					31.12.2009	Permanent
14	Driver 2	Sri Hemanth Kumar	Driver	5200 - 20200+2000					4.1.2010	Permanent
15	Supporting staff 1	Smt. Jaya	Supporting staff	5200 - 20200+1800					23.7.2009	Permanent
16	Supporting staff 2	Sri P.Narayanappa	Supporting staff	5200 - 20200+1800					24.7.2009	Permanent

IV. Plan of Human Resource Development of KVK personnel during 2011-12+

Sl. No.	Discipline	Area of training required	Institution where training is offered	Organization	Justification	Highlight on Future programmes to be planned after training	Approximate duration (days)	Training fee (Rs.)
1.	Agril.Extension	1. Agril.Extension - Approaches and Strategies 2. Multimedia Technology	MANAGE Hyderbad,	MANAGE Hyderbad,	To set up a Centre Excellence Lab & Update in the field	KVK Centre of excellence	7 days 7 days	
2.	Soil Science	Soil Test Crop Response Approach INM in Oilseed Crops	DOR, Hyderabad	DOR, Hyderabad	To set up a Centre Excellence Lab & Update in the field	KVK, Centre of excellence	10 days	
3.	Horticulture	IFS for sustainable production system	UAS Dharwad	UAS Dharwad	To set up a Centre Excellence Lab & Update in the field	KVK Centre of excellence	7 days	
4.	Home Science	Value Addition to Fruit, vegetables and Minor Millets	CFTRI, Mysore	CFTRI, Mysore	To set up a Centre Excellence Lab & Update in the field	KVK Centre of excellence	7 days	
		Bakery products	Bakery Unit	UAS Bangalore	To set up a Centre Excellence Lab & Update in the field	KVK Centre of excellence	7 days	
5.	Plant Pathology	Recent advances in Plant Disease Management	TNAU, Coimbatore	TNAU, Coimbatore	To set up a Centre Excellence Lab & Update in the field	KVK Centre of excellence	7 days	
6.	Plant Breeding	DNA Finger Printing for Sun Flower Hybrids	DOR, Hyderabad	DOR, Hyderabad	To set up a Centre Excellence	KVK Centre of excellence	7 days	
7.	Computer	Programming language/s in Computer Science	NAARM, Hyderabad, Andra Pradesh	NAARM, Hyderabad, Andra Pradesh	To set up a Centre Excellence Lab	KVK Centre of excellence	7 days	

IV. Infrastructure

i) Land

Total Area (ha)	Area Cultivated (ha)	Area occupied by buildings and roads (ha)	Area with demonstration units (ha)
16	15.20	0.8	-

ii) Buildings

Administrative Building			Trainees Hostel			Staff Quarters			Demonstration Unit		
Plinth area (m^2)	Cost (Rs. in lakhs)	Year	Plinth area (m^2)	Cost (Rs. in lakhs)	Year	Plinth area (m^2)	Cost (Rs. in lakhs)	Year	No.	Plinth Area (m^2)	Cost (Rs. in lakhs)
-	-	-	-	-	-	-	-	-	-	-	-

iii) Vehicles

Type of vehicle	Model	Actual cost (Rs.)	Total kms. Run	Present status
Bolero Diesel Jeep	2009	596783	43000	Good
Motor Cycle	2010	52,658	4800	
Honda – Aviator	2010	46025	1200	
Power Tiller	2010	1, 42,400	88 Hours	

iv) Equipments and AV aids

Sl. No.	Name of Equipments	Date of purchase	Cost (Rs.)	Present status
1.	Fax Machine	2010	21,381.00	Good
2.	Xerox Machine	2010	67,262.00	
3.	Camera Nikon – Digital	2010	24,950.00	
4.	Computer with accessories	2010	49,900.00	
5.	White Board with stand	2010	1500.00	
6.	LCD Projector with accessories	2010	1,00,000	

VI. Details of SAC meeting conducted during 2010-11

Sl. No.	Date	Major recommendations of SACs which are to be implemented during 2010-11
1.	**29.03.2010**	1. It is suggested to take up the Soil and Water Testing in Tumkur taluk. 2. It is advised to lay out the demonstration in farmers fields on intercropping instead of mono-cropping. 3. It is advised to give technical guidance for producing quality seeds in the farmers field. 4. Thrust should be given to water harvesting technology and integrated farming system. 5. Activities related to floriculture, poly house production can be taken up with the help of Department of Horticulture 6. It is suggested to take up the animal related activities with the help of state veterinary Department and SMS (Animal Science), KVK, Konehalli 7. Emphasis should be given for micro irrigation system for increasing water use efficiency 8. Resources of other KVK can be utilized for better implementation of various Programmes. 9. Emphasis should be given on aerobic paddy cultivation in area like Pavagada 10. Groundnut diggers can be used efficiently for harvesting groundnut crop 11. Tamarind processing machine should be demonstrated at KVK premises to motivate tamarind processing 12. Establishment of Nutrition kitchen garden in KVK farm 13. It is suggested to demonstrate the success stories of the farmer

VII. Planning of SAC during 2011-12

Sl. No.	Date planned for conducting SAC meeting during 2011-12
01	22nd ,April 2011
02	29th, March,2012

VIII. Plan of Work for 2011-12

1. Operational areas details for 2011-12

Sl. No.	Taluk	Blocks/groups of villages	Major crops & enterprises being practiced	Major problems identified	Identified thrust areas	Existing / New Please State without fail	If existing from which year Please state
1.	Tumkur	Haralur, Kesaramadu, Beemasandra, Bairsandra, Gollahalli, Neralpur, Pemmanahalli, Sangapura, Doddathimmnapalya, Chikahalli, Beeranakallu, G.H.Palya & Belagumba	Groundnut, Maize, Paddy, Ragi, Redgram, Tomato, Brinjal, Mango,Sapota, Arecanut, Coconut, Aster,Dairy	1. Use of local varieties and low yield. 2. No seed treatment 3.Poor soil and nutrient management 4. Tikka disease, root grub, Red and hairy caterpillar in Groundnut. 5. Zinc (Zn),Iron (Fe)deficiency in Maize and Zn in Paddy 6. Pod borer and sterile mosaic disease in red gram. 7.Shoot and fruit Borer in Brinjal 8. Powdery mildew and hoppers in Mango. 9. Lack of skill in nursery technique & management, 10.Lack of knowledge about importance of soil & water testing, 11. Lack of knowledge in pre and post harvest technology management. 12. Lack of knowledge for income generating activities, malnutrition and unhygienic practices. 13.Dropping and splitting of areca nuts	1.Popularization of HYV / hybrids 2. Seed production techniques in vegetables and field crops 3.Integrated Nutrient Management and Soil test based fertilizer application 4.Integrated Pest & Disease Management 5.Propagation techniques in fruits and vegetables 6.Income generating activities, 7.Value added products 8.Nutrition education and hygiene 9. Post harvest technology in vegetables and fruits	Existing	2010
2.	Koratagere	Chikvalli, Kymanhalli, Bidlot, Kodlahalli, D.Naganahalli, Chatnahalli,	Maize, Paddy, Ragi, Redgram, Tomato, Sunflower, Banana, Groundnut, Mango, Sapota, Arecanut,	1. Use of local varieties and low yield. 2. No seed treatment 3. Poor soil and nutrient management 4. Tikka disease, root grub, Red and hairy caterpillar in groundnut. 5. Zn, Fe deficiency in Maize and Zinc in Paddy 6. Pod borer, and sterile mosaic	1.Popularization of HYV / hybrids 2.Seed Production Techniques in vegetables and field crops 3. Bud necrosis in sun flower 4. Management of saline soil in Paddy. 5.Integrated Nutrient	Existing	2010

			Coconut, Aster, Dairy, Frenchbean, Brinjal & Marigold.	disease in red gram. 7. Flower and Fruit dropping, Powdery mildew and hoppers in Mango . 8, Low yield in Banana 9. Dropping and splitting of areca nuts.	Management and Soil test based fertilizer application 6.Integrated Pest & disease Management 7.Propagation techniques and		
3.	Madhugiri	Badavanhalli,Siddapur, Siridragallu,Vadderahalli		10. Lack of skill in nursery technique & management 11.lack of knowledge about importance of soil & water testing, 12.Lack of knowledge regarding pre and post harvest technology management. 13. Lack of knowledge in income generating activities, malnutrition and unhygienic practices. 14.Drudgery 15. Shoot and fruit Borer, Bacterial blight in Brinjal.	post harvest in fruits and vegetables 8.Income generating activities, 9.Value added products 10.Nutrition education and hygiene 11.Drudgery reduction	Existing	2010
4.	Pavagada	Kotgudda, Shilapur, Mugadal Betta,Arkyatanhalli	Groundnut, Sunflower, Ragi, Maize, Paddy, Redgram, Tomato, Brinjal & Dairy,	1. Use of local varieties and low yield. 2. Moisture stress 3. No seed treatment 4. Poor soil and nutrient management 5. Tikka disease, collar rot, root grub in Groundnut. 6. Insufficient water for paddy cultivation 7. Pod borer and sterile mosaic disease in red gram. 8. Shoot and fruit Borer Bacterial blight in Brinjal. 9.Lack of knowledge about importance of soil & water testing, 10. Lack of knowledge in pre and post harvest technology management. 11. Lack of knowledge for income generating activities, malnutrition and unhygienic practices. 12.Drudgery	1. Popularization of HYV / hybrids 2. Soil and water conservation 3. Seed Production Techniques in field crops 3. Management of Bud necrosis in sun flower 4.Aerobic paddy cultivation 4.Integrated Nutrient Management and Soil test based fertilizer application 5.Integrated Pest & disease Management 6.Income generating activities, 8.Value added Products 9.Nutrition education and hygiene 10.Drudgery reduction.	Existing	2010

5.	Sira	Kataveeranahalli, Mudimadu, Chikkanahalli, Veerapura and Kamagondanahalli, Bevanahalli, Honnenahalli	Groundnut, Maize, Paddy, Ragi, Cotton, Redgram, Vegetables Mango, Sapota, Arecanut, Coconut, Aster, Dairy & Brinjal	1. Use of local varieties and low yield. 2.No seed treatment 3.Poor soil and nutrient management 4. Tikka disease, root grub, Red and hairy caterpillar in Groundnut. 5. Zn, Fe deficiency in Maize and Zn in Paddy 6. Pod borer, and sterile mosaic disease in red gram. 7. Powdery mildew and hoppers in Mango. 8. Lack of skill in nursery technique & management, 9.Lack of knowledge about importance of soil & water testing, 10. Lack of knowledge regarding pre and post harvest technology management. 11. Lack of knowledge in income generating activities, malnutrition and unhygienic practices. 12.Dropping and splitting of areca nuts 13. Shoot and fruit Borer in Brinjal. 14. Leaf reddening, flower drop, Black arm, Sucking pest and Bollworms problem in cotton	1. Popularization of HYV / hybrids 2. Seed Production Techniques in vegetables and field crops 3.Integrated Nutrient Management and Soil test based fertilizer application 4.Integrated Pest & Disease Management 5.Propagation techniques and post harvest in fruits and vegetables 6.Income generating activities, 7.Value added Products 8.Nutrition education and hygiene 9. ICM in Cotton	Existing	2010

2. Details of thrust areas under which interventions are planned for 2011-12

A. Crops

Thrust areas	Crops to be covered	Interventions planned
High Yielding varieties / Hybrids	Groundnut, Redgram, Banana, Mango, Arecanut, Coconut, Tomato, Aster, Paddy, Ragi, Brinjal, French Bean, Dolichous,Maize, Pomegranate, Tamarind and Cabbage	OFT, FLD and FFS (Need Based Training Programmes, Demonstration and Campaign etc.,)
Seed treatment with Bio fertilizers and fungicides		
Soil test based fertilizer application		
Integrated Nutrient Management		
Intercropping / Mixed / Multistoried cropping system		
Seed Production Techniques in Vegetables and field crops		
Integrated Pest & Disease Management		
Post harvest technology in vegetables and fruits		
Soil and water conversation		
Propagation techniques in fruits and Vegetables		
Drudgery reduction		
Income generating activities		
Child and women care and balanced nutrition		
Integrated cropping system		

B. Livestock, poultry, fisheries

Thrust areas	Livestock/ poultry / fisheries to be covered	Interventions planned

C. Others: Nil

1. Abstract of Interventions Proposed Based On the Identified Problems during 2011-12

Sl. No.	Crop/ Enterprise	Thrust area	Identified Problem	Planned Interventions					
				Title of technology to be assessed under OFT	Title of technology to be refined under OFT	Title of FLD	Title of the Training	Type of Extension activities	Details of technological products produced and supplied (specify name of product, variety, breed etc.)
1.	Paddy	Soil and water conservation	Salinity	-	-	Management of saline soils in paddy	Management of Salinity Soils in Paddy	Group discussion, Method Demonstration, Field Visits, Field Day	-
			Limited water	-	-	Aerobic paddy cultivation	Aerobic paddy cultivation	Method Demonstration, Field Visits, Field Day	-
2.	Ragi	High yielding variety and cropping system	Mono cropping	-	-	Ragi based double cropping system	Importance of Double cropping system in Ragi	Field Visits, Field Day	Ragi malt, Hurihittu, Pappad
3.	Maize	ICM	Zinc deficiency Downy mildew and TLB disease and Low yield	-	-	Enhancing productivity through ICM	Production Technologies in Maize	Group discussion, Field Visits, Field Day	-
4.	Groundnut	Integrated Pest & disease Management	Collar rot	Management of collar rot in groundnut	-	-	IDM in Ground Nut	Group discussion, Field Visits	Value added products

		High Yielding varieties / Hybrids	Smaller seed size	Assessment of GPBD-5 a bold seeded variety			Seed Production Techniques in Ground Nut	Group discussion, Field Visits	Quality Seed Production GPBD-4 & 5
5.	Redgram	Intercropping / Mixed / Multistoried cropping system	Low yield due to seed drill sowing	Enhancing the productivity in Red gram production system (Transplanting)	-	-	-	Group discussion, Method Demonstration, Field Visits,	-
		ICM	Low yield & pod borer	-	-	ICM in red gram	ICM in redgram	Method Demonstration, Field Visits, Field Day	-
6.	Mango	ICM	1.Flower & fruit dropping 2.Fruit fly 3.Powdery mildew	-		ICM in Mango	Production Technologies in Mango	Group discussion, Method Demonstration, Field Visits, Field Day	-
		Intercropping system	Mono - cropping in Mango	Assessment of Mucuna as a intercrop in Mango		-	-	Group discussion, , Field Visits	-
7.	Banana	ICM	1.Low plant population 2.Low yield & income	Paired row & pit method planting system in banana	-	-	Production technologies in banana	Group discussion, , Field Visits	-
		INM	Lower bunch size and yield	-	-	Micronutrient management in Banana	INM in Banana	Group discussion, Method Demonstration, Field Visits, Field Day	-

8.	Arecanut	INM	Splitting of nuts and low yield	Management of nut splitting in Arecanut	-	-	-	Group discussion, , Field Visits	-
		IDM	Anaberoga	-	-	Integrated Management of Anaberoga	IDM in Areca Nut	Group discussion, Field Visits, Field Day	-
9.	Coconut	IPM	Mite problem	Management of mites	-	-	IPDM in coconut	Group discussion, Field Visits	-
10.	Pomegranate	IDM	Bacterial blight	-	-	Integrated Management of Bacterial blight	IDM in Pomegranate	Group discussion, Field Visits, Field Day	-
11.	Tomato	High yielding varieties	1. Local varieties 2.Low acidity and TSS	Performance and assessment of tomato varieties	-	-	-	Group discussion, Field Visits.	-
		INM	Low nutrient use efficiency	Assessment of microbial consortium for tomato production	-	-	INM in Tomato	Group discussion, Field Visits	-
		ICM	1.Local varieties 2. Bacterial blight and leaf curl	-	-	ICM in tomato	Importance of Seed Production in Tomato	Group discussion, Field Visits, Field Day	-
12.	Brinjal	IPM	Shoot and fruit borer	-	-	Integrated management of shoot and fruit borer	IPM in brinjal	Group discussion, Field Visits, Field Day	-
13.		ICM	Low yield	-	-	Integrated crop management in Brinjal	ICM in Brinjal	Field Visits, Field Day	-

14.	Dolichos	High yielding variety	Low yield	-	-	Popularizatio n of Arka Vijay high yielding variety.	Seed Production Techniques in Vegetables	Group discussion, Field Visits, Field Day	-
15.	French Bean	ICM	1. Rust Disease 2. Low Yield	-	-	ICM in French bean	Improved Cultivation Practices in French bean	Group discussion, Field Visits, Field Day	-
16.	Cabbage	IPDM	Diamond Black Moth (DBM)	-	-	Integrated Pest Management in Cabbage	IPM in Cabbage	Group discussion, Field Visits, Field Day	-
17.	Okra	IPM	Yellow vien mosaic virus	-	-	Integrated management of yellow vein mosaic virus in Bhendi	IDM in okra	Group discussion, Field Visits, Field Day	-
18.	Aster	High yielding varieties	1. Smaller Flower Size and diameter 2. Dull colour and low yield	Assessment of HYV Phule Ganesh	-	-	Commercial flower production technologies	Group discussion, Field Visits	Quality seed production of Kamini and PG-pink
19.	Ground Nut Decorticator	Drudgery reduction	Drudgery		-	Ground Nut Decorticator	Drudgery reducing equipments	Method demonstration	-
20.	Value addition	PHT	Lack of awareness regarding the drying technique	Efficacy of solar drier to dry green leafy vegetables (Coriander, Curry leaf, Methi)	-	-	PHT in leafy vegetables	Method demonstration	-

21.	Post harvest technology	Post harvest technology	1.Improper drying of seeds 2.Improper use of storage methods 3.Unaware about safe storage technology	-	-	Safe storage method for pulses	Importance of safe storage to avoid post harvest losses	Method demonstration	-
22.	Nutrition garden	Balanced Nutrition	Mal nutrition	-	-	Nutrition garden	Food and nutrition security	Training and demonstration	-
23.	Soup mix	IGA	Low income	-	-	Popularization of soup mix	-	Method demonstration	Soup preparation
24.	Tamarind	PHT	Low keeping quality	Drying techniques in tamarind using mini multi rack solar drier	-	-	-	Method demonstration	Tamarind powder

3.2. Target set for number of interventions to be implemented during 2011-12

Sl. No.	Particulars of intervention	Target number / Quantity
01	**On Farm Trial**	12
02	**Front Line Demonstration**	20
03	**Training Programmes**	
	Farmers and farm women	66
	Rural Youth	4
	Extension personnel	6
	Sponsored programmes	6
	Vocational Programmes	6
04	**Extension Programmes**	
	Field Day	10
	Kisan Mela	1
	Kisan Ghosthi	2
	Exhibition	4
	Film Show	1
	Method Demonstrations	10
	Seminars	2
	Workshop	1
	Group meetings	4
	Lectures delivered	20
	Newspaper coverage	10
	Radio coverage	4
	TV coverage	10
	Radio Programmes	8
	TV Programmes	06
	Publications	15
	Popular articles	10
	Extension Literature	10
	Advisory Services	115
	Scientific visit to farmers field	98
	Farmers visit to KVK	255
	Diagnostic visits	40
	Field visits	85
	Exposure visits	4
	Ex-trainees meet	-
	Agriculture Camps	-
	Clinic day	-
	Soil health Camp	-
	Animal Health Camp	2
	Agri mobile clinic	-
	Soil test campaigns	1
	Farm Science Club Conveners meet	-
	Self Help Group Conveners meetings	-
	Mahila Mandals Conveners meetings	-
	Special Day celebrations	5
	Awareness campaigns	2

	Others (Pl. specify)	-
05	**Production and supply of seed materials**	
	1) Cereals	-
	ii) Oilseeds	-
	iii) Pulses	-
	iv) Vegetables	1200 kg
	v) Flower crops	5kg
	vi) Others (Specify)	-
	Production and supply of Planting materials	
	Fruits	500 Nos.
	Spices	-
	Vegetables	2000 Nos.
	Forest species	-
	Ornamental crops	-
	Plantation crops	30,000 Nos.
	Others	-
	Production and supply of bio-products	
	Bio agents	-
	Bio fertilizers	-
	Bio pesticides	100 kg
	Production and supply of livestock material	
	Sheep	-
	Poultry birds	-
	Goat	-
	Fisheries	-
	Others (Specify)	-
	Others (Specify) **Ragi malt**	50 kg
06	**Number of soil samples to be analyzed**	100
07	**Number of water samples to be analyzed**	100

4. Plan of Technology Assessment and Refinement for 2011-12

Assessment

1. EVALUATION OF GROUNDNUT VARIETIES

a. Title of Technology Assessed : **Evaluation of groundnut varieties**
b. No. of Trials : 5
c. Problem Definition : Lower yield, Smaller pod size
d. Production system and thematic area : Mono-cropping (Rainfed) , Integrated crop Management

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Use of TMV -2	0.2		-	No. of pods per plant ,Yield and economics	Test Weight & Disease incidence	NIL			
2. Recommended Practice	GPBD-4	0.2		UAS-Dharwad			Seeds	20 kg	45	900
3. Alternate Practice	GPBD-5	0.2		UAS-Dharwad			Seeds	25 kg	45	1125
4. Alternate Practice	KCG-2	0.2					Seeds	7.9 kg	60	475

f. Cost per trial in :Rs.2500

g. Total cost for the assessment in :Rs. 12500

2. MANAGEMENT OF COLLAR ROT DISEASE IN GROUNDNUT

a. Title of Technology Assessed : **Management of Collar rot disease in Groundnut**
b. No. of Trials : 5
c. Problem Definition : Colonization of fungus in the rhizosphere at root zone causes incidence of collar rot in Groundnut
d. Production system and thematic area : Rainfed Management of collar rot

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *0	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)

e. Details of the technologies with budget for critical inputs

1. Farmer's practice	Seed treatment with Captan @ 2.5g/kg.	0.40		-	% of disease incidence	No. of pods, yield and economics	NIL			
2. Recommended Practice	ST with *Trichoderma* @ 4g/kg.	0.40		UAS-Bangalore			Trichoderma	160 gm	60 /kg	10
3. Alternate Practice	ST with *Pseudomonas flouroscense* @4g/kg seeds & soil treatment with *Pseudomonas* @ 2.5kg & neemcake @ 2.5q with FYM 5 tons/ha.	0.40		PDBC, Bangalore			Pseudomonas flouroscense NSK	160 gm 50 kg	250/ kg 12/ kg	40 600

f Cost per trial in : Rs.1250

g Total cost for the assessment in : Rs.6250

3. ENHANCING THE PRODUCTIVITY IN RED GRAM PRODUCTION SYSTEM

a. Title of Technology Assessed : **Enhancing the productivity in Red gram production system**

b. No. of Trials : 5

c. Problem Definition : Lesser germination percentage, uneven crop stand

d. Production system and thematic area : Rainfed , Enhancing productivity

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Direct sowing of Redgram (60x15 cm)			-	Plant population, No of pods/branches, yield and economics	Plant height, No of branches,	NIL			
2. Recommended Practice	Direct sowing of Redgram (90x 15cm spacing)	0.2		-			Redgram (BRG-1)	3kg/ha	75/kg	225
3. Alternate Practice	Transplanting of 30-40 days old seedlings which are raised in polythene bags as to achieve uniform stand and higher yield Spacing (120x30cm spacing)	0.2	2010	UAS Dharwad			Redgram (BRG-1) Polythene cover	3kg/ha 1kg/ha	75/kg 100/kg	225 100
4.Alternate Practice	Transplanting of 30-40 days old seedlings which are raised in polythene bags as to achieve uniform stand and higher yield Spacing (120x45cm spacing)	0.2	2010	UAS Dharwad			Redgram (BRG-1) Polythene cover	3 kg/ha 1 kg /ha	75/kg 100/kg	225 100

f. Cost per trial in : Rs.913

g. Total cost for the assessment in : Rs.4565

4. ASSESSMENT OF MUCUNA (MEDICINAL PLANT) AS INTERCROP IN MANGO

a. Title of Technology Assessed : **Assessment of Mucuna (Medicinal plant) as intercrop in Mango**

b. No. of Trials : 5

c. Problem Definition : Low soil fertility, Lower income and more weeds infestation

d. Production system and thematic area : Monocropping (Rainfed) , Intercropping system

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Mango + Ragi	0.20	-	-	Land equivalent ratio, relative yield advantage, weed count/m^2	Soil moisture content Nutrient status& economics	NIL			
2. Recommended Practice	Mango + Cowpea (pulses)	0.20	-	UAS, Bangalore			Cowpea Seeds	4 kg/ha	80/kg	320
3. Alternate Practice	Mango + Mucuna	0.20	2010	IIHR, Bangalore (CHES, Hirehalli)			Mucuna seeds	12 kg/ha	80/kg	960

f. Cost per trial in :Rs. 1280

g. Total cost for the assessment in :Rs.6400

5. PAIRED ROW WITH ZIG ZAG AND PIT METHOD OF PLANTING IN BANANA

a. Title of Technology Assessed : **Paired row with zig zag and pit method of planting in banana**

b. No. of Trials : 3

c. Problem Definition : Low density and low yield

d. Production system and thematic area : Irrigated system , Integrated crop Management

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Square method (1.8m x 1.8m)	0.20		-	No of fruits, yield and economics	Bunch weight, No of fingerlings	NIL			
2. Recommended Practice	Square method (2.1mx2.1m)	0.20		UAS, Bangalore			suckers	300	8	2400
3. Alternate Practice	Paired row with zig zag method (2x1.2x1.2m)	0.20		NRC on Banana (Thirchi)			suckers	600	8	4800
4. Alternate Practice	Pit method (3.6m x 1.8m) (3 suckers /hill)	0.20		CARD-KVK (Pathanamathitta) & NRC Banana, Thirchi			suckers	900	8	7200

f

f. Cost per trial in : Rs.14,400

g. Total cost for the assessment in :Rs.43,200

6. MANAGEMENT OF NUT SPLITTING IN ARECANUT(Shifted to FLD)

a. Title of Technology Assessed : **Management of Nut splitting in Arecanut**

b. No. of Trials : 5

c. Problem Definition : Severe nut splitting and yield loss

d. Production system and thematic area : Irrigated, Integrated Nutrient management

e. Details of the technologies with budget for critical inputs

f ·Technology Options C	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	**Qty.**	**Unit Cost (Rs.)**	**Total Cost (Rs.)**
9 1. Farmer's s practice	Application of complex fertilizers (17All) 2 bags and less FYM application	0.2		-	Number of splitted nuts/plant, yield and economics	100 nuts weight,	NIL			
t 2. Recommended Practice	FYM 12 kg/tree +RDF 100: 40: 140 NPK g /tree	0.2		UAS, Bangalore			Urea SSP MOP	24.2 22.0 25.4	5.0 4.0 4.6	121 88 117
p 3. Alternate e Practice r	FYM 12 kg/tree + RDF 100: 40: 140 NPK g /tree + Borax 30g	0.2		CPCRI, Kasaragod			Urea SSP MOP Borax	24.2 22.0 25.4 8.0	5.0 4.0 4.6 60	121 88 117 480

f. Cost per trial in :Rs. 1132

g. Total cost for the assessment in :Rs. 5660

7. **INTEGRATED MANAGEMENT OF ERIOPHID MITE IN COCONUT**

a. Title of Technology Assessed : **Integrated management of eriophid mite in Coconut**

b. No. of Trials : 2

c. Problem Definition : Higher incidence of eriophid mite due to lack of resistance in palms and improper control measures results in yield reduction & income loss

d. Production system and thematic area : Irrigated/Rainfed, Integrated Nutrient management

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Application of 20-25kg of FYM/palm, 250 gm/palm complex Fertilizer.	0.5		-	No of infested nuts/plant	yield and economics	NIL			
2. Recommended Practice	50 kg FYM, 500:320:1200g NPK per palm / year, 5 Kg Neem cake / palm,50 g borax / palm / year, 500g MgS04 / palm / year, Eco neem Plus 1%(10ml/palm, 3 times / year)	0.5		UAS, GKVK			Urea SSP MOP Borax Mg So4 Econeem plus Neem cake	60kg 110 kg 100kg 2.5kg 2.5 kg 1.5 ltr 250kg	5/kg 4/kg 4.6/kg 300/kg 60/kg 800/ltr 10/kg	300 440 460 750 150 1200 2500
3. Alternate Practice	50 kg FYM, 500:320:1200g NPK per palm / year, 5 Kg neem cake / palm Nutritional tonic (250 ml / palm twice a year at 6 months interval)	0.5		TNAU, CBE,			Urea SSP MOP Coconut Tonic	60kg 110 kg 100kg 12.5 ltr	5/kg 4/kg 4.6/kg 425 /ltr	300 440 460 5313

f. Cost per trial in :Rs. 12,313

g. Total cost for the assessment in :Rs. 24,626

8. **ASSESSMENT OF TOMATO VARIETIES FOR RAINFED SITUATION**

a. Title of Technology Assessed : **Assessment of tomato varieties for rainfed situation**

b. No. of Trials : 5

c. Problem Definition : Susceptible for pest and bacterial wilt, leaf curl, low acidity and low yield and low market preference

d. Production system and thematic area : Irrigated, Integrated crop management

e.Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Laxmi (Local Variety)	0.2		-	No of fruits / plant, and yield	Fruit weight, acidity content, disease incidence	NIL			
2. Recommended Practice	Arka Meghali	0.2		IIHR, Bangalore			Seeds	75 g	2000 /kg	150
3. Alternate Practice	Vaibhav	0.2		UAS, Bangalore			Seeds	75 g	2000 /kg	150
4.	HYV - DMT-2 (Rainfed)	0.2	2006	UAS, Dharwad			Seeds	75 g	2000 /kg	150

f. Cost per trial in :Rs. 450

g. Total cost for the assessment in :Rs.2250

9. **ASSESSMENT OF MICROBIAL CONSORTIUM FOR TOMATO PRODUCTION (Shifted to FLD)**

a. Title of Technology Assessed : **Assessment of microbial consortium for tomato production**

b. No. of Trials : 5

c. Problem Definition : Low nutrient use efficiency, poor soil fertility and low productivity

d. Production system and thematic area : Irrigated, Integrated Nutrient Management

e.Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Application of complex fertilizers (17all) 2 bags	0.1		-	No of fruits / plant, fruit weight, and yield	soil respiration, disease incidence	NIL			
2. Recommended Practice	FYM 25t/ha +RDF 180: 100: 60 NPK kg /ha	0.1		IIHR, Bangalore			Urea SSP MOP	39 63 10	5 4 4.6	195 252 46
3. Alternate Practice	FYM 25t/ha +RDF 135: 75: 60 NPK kg /ha + Microbial consortium 4 kg /ha	0.1		IIHR, Bangalore			Urea SSP MOP Microbial Consortium	29.3 46.9 10 4	5 4 4.6 100	147 188 46 400

f. Cost per trial in :Rs. 1274

g. Total cost for the assessment in :Rs.6370

10. PERFORMANCE OF ASSESSMENT OF CHINA ASTER VARIETIES

a. Title of Technology Assessed : **Performance of assessment of china Aster Varieties**

b. No. of Trials : 5

c. Problem Definition : Small size flowers, diameter, low attractive colour and low yield

d. Production system and thematic area : Irrigated, Integrated Crop Management

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	Local variety	0.2		-	weight and yield	No of flowers, diameter	NIL			
2. Recommended Practice	Kamini	0.2		IIHR, Bangalore			Seeds	150g	10,000/kg	1500
3. Alternate Practice	Phule Ganesh Pink (PG-8)	0.2		MPKV, Rahuri			Seeds	150g	4000/kg	600

f. Cost per trial in :Rs. 2100

g. Total cost for the assessment in : Rs.10, 500

11. **DRYING TECHNIQUES – TAMARIND POWDER**

a. Title of Technology Assessed : **Drying techniques – Tamarind powder**

b. No. of Trials : 01

c. Problem Definition : Low keeping quality

d. Production system and thematic area : Post harvest technology

e.Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters
1. Farmer's practice	Dehusked, deseeded and cleaned			ITK	Keeping quality & Economics	-
2. Recommended Practice	Commercial tamarind powder	01 No		Private		
3. Alternate Practice	Using mini multi rack solar dryer, UAS(D) Model			UAS D		
3. Alternate Practice	Osmotic dehydration followed by mini multi rack solar dryer			UASD	Keeping quality & Economics	-

Critical Inputs for Technology Option 3 (AP-1, 2, & 3) / SHG			
Name	**Qty.**	**Unit Cost (Rs.)**	**Total Cost (Rs.)**
Tamarind	80 Kg	30/- Kg	2400/-
Salt	20 Kg	10/- Kg	200/-
Anti caking agent	4 Kg	100/- Kg	400/-
Mini multi rack solar dryer UAS (D) Model	1	3500/- Unit	3500/-
Ingredients for product development			1000/-
			7500/-

f. Cost per trial in :Rs. 7500

g. Total cost for the assessment in :Rs. 7500

12. **EFFICACY OF SOLAR DRIER TO DRY GREEN LEAFY VEGETABLES**

a. Title of Technology Assessed : **Efficacy of solar drier to dry green leafy vegetables (Coriander, Curry leaf, methi)**

b. No. of Trials : 01

c. Problem Definition : Lack of awareness regarding the drying technique

d. Production system and thematic area : Post harvest technology

e. Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Year of release of the Technology Option *	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
							Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Farmer's practice	No processing				Keeping quality & Economics	-	NIL			
2. Recommended Practice	Solar drier	01		UAS, Raichur			**Raichur model**	01	3500	3500
3. Alternate Practice	Solar drier			Agri Engg. Bhopal			**Bhopal Model**	01	4000	4000

f. Cost per trial in :Rs. 7,500

g. Total cost for the assessment in :Rs.7,500

Refinement

a. Title of Technology refined

b. No. of Trials

c Problem Definition

d Production system and thematic area

e Details of the technologies with budget for critical inputs

Technology Options	Details of the technology assessed	Area in ha.	Source of the technology	Major Parameter of assessment	Other Parameters	Critical Inputs for Technology			
						Name	Qty.	Unit Cost (Rs.)	Total Cost (Rs.)
1. Best Performing Technology Option in Assessment									
2 Best performing Technology Option in Assessment (**rare case)**									
3.Refinement proposed									

f. Scientific Rationale / Justification for refinement proposed
g. Cost per trial in Rs.
h. Total cost for the refinement in Rs.

5. Frontline Demonstrations

Category	Problem identified	Thematic area	Current status of yield q/ ha / number / litres/unit / kg/unit			Technology to be demonstrated	Source & Year of release	Local check	Area in ha / No. of units / animals /birds	No. of demo.	Critical inputs to be provided per demonstrations		Total cost for all demo.
			Dist. average	Potential	Farmers						Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit	
Cereals & millets													
Paddy	Salinity	Soil and water manag ement	30	50	27	**Management of saline soils** Introduction of IR -30864 Green manuring crops (Daincha) FYM 5 t/ha RDF : 100:50:50 NPK Kg/ha Water Management Azospirillium@ 2 kg/ha PSB @ 2kg/ha ZnSo4-20 kg/ha	UAS Bangalore	IR 64	2	10	Seed 62.5 kg/ha Azosprillium-2kg/ha PSB-2kg ZnSo4- 20kg Daincha- 62.5kg	1563 120 120 1000 1625	8856
Paddy	Lower water use efficiency	Sustainabi lity in yield through effective water managem ent in rice (Aerobic method)	42	60-65	38	**Aerobic paddy cultivation** 1.Direct sowing/Dibbling 2.MAS-946-1 3.25X25 cm spacing 4. FYM: 10 ton/ha 5.100:50:50 NPK Kg/ha 6.Use of cono weeder & 7.pyrosulfuron ethyl @ 250gm/ha 8. -Lesser water requirement (30-40% less)	UAS Bangalore 2006	Transpla nted puddle method	1	4	Seed rate 7kg/ha MAS-946-1 Azospirillum-1kg PSB-1 kg Pyrozosulfuron ethyl Cono weeder	 90 60 60 600 2400	3210

Ragi	Mono cropping Moisture stress, use of low yielding varieties	Sequential cropping	12	20	10	**Ragi based Sequential cropping system** Cowpea (Early Kharif) followed by Ragi (Medium durated variety GPU- 48) RDF: 50:40:25 NPK kg/ha - FYM-7.5 t/ha - Carbendizim @2 gm/kg seed - Azospirillium@ 2 kg/ha - PSB @ 2kg/ha	UAS Bangalore	Mono cropping with GPU-28	10	25	Cowpea Seeds-30 kg Ragi -12 kg Bavistin -60g Azosprillium-2kg/ha PSB-2kg	1800 216 200 120 120	24560
Maize	Zinc deficiency, Downy mildew, Stem borer and TLB disease low grain and fodder yield	ICM	35	85	37	**ICM in Maize** Introduction of NAH-2049 hybrid - FYM-7.5 t/ha -RDF: 100:50:25 NPK kg/ha -ZnSo4 @10kg/ha - Atrazin @2.5 kg/ha	UAS Bangalore	Private hybrids	5	12	Seeds-15 kg ZnSo4- 10kg Atrazin @2.5 kg/ha	1200 500 950	13250
Fruits													
Mango	Flower& fruit dropping Fruit fly, Powdery mildew	ICM	400	800	250	**ICM in Mango** FYM@25kg/plant RDF 30:180:680NPK gm/plant, Mango Special spray(@125g/25lit) in July, November and December months. Spraying during Flowering Planofix @ 4ml/16lt spray Carbaryl @4gm/lt spray Fruit Fly Trap - 10 nos	IIHR, B'lore	No mango special spray and Fruit fly trap	2	10	Mango special 30kg Fruit Fly Trap-10 /ha Planofix -1 lit Sulfex- 1 kg Carbaryl -4 kg	4500 250 500 300 1400	13900
Banana	Micronutri	Nutrient	250	400	180	**Micro nutrient in**	IIHR,	No banana	2	10	Banana Special	4500	15624

	ent deficiency leads to lower bunch size and yield	managem ent				**banana** Banana Special (5gm/lt) spray From5th month to 10th month and at 1 and 2 months after Bunch emergence	B'lore	special spray			30kg MOP 720 kg	3312	
Pomegra nate	Bacterial blight	IDM	60	100	65	**IDM in Pomegranate** I. Streptocycline 0.5 g/lit + COC 3.0 g/lit mixed with red soil and paste to pruned parts. II. 1% Boudreaux Mixture III. Streptocycline 500ppm + COC 0.25% at emergence stage IV. 0.4 % Boudreaux Mixture V. Streptocycline 500ppm + COC 0.25 % VI. 0.4% Boudreaux Mixture + Bavistin 0.1% repeat the spray as and when required	IIHR, B'lore	Single spray of streptocycli ne + blitox	1	10	Streptocycline 750g Blitox -3125 g Boudreaux Mixture Bavistin 625g	7030 1125 4500 463	13118
Vegetables													
French bean	- Aphids, fruit borer & yellow mosaic problem - Wilt incidence - Root rot problem & low yield	Maintaini ng product- ivity	8t	12t	6t	**Integrated crop management in French bean** Arka Suvidha seeds – 65kg Management of pests and disease : Neem cake- 250kg Endosulfan- 2ml/lt *Seed treatment with: Trichoderma*- 5g/kg Carbendazim- 1g /lt	IIHR, B'lore	Private varieties	2	10	Arka Suvidha seeds -65kg Neem cake- 250kg Endosulfan-1lt Trichoderma-1 kg Carbendizim-1kg	6500 2500 1000 100 450	21100

Okra	Yellow vein mosaic virus	Integrated management of yellow vein mosaic virus in okra	55t	75t	50t	**Integrated Pest Management** Use of Arka Anamika Spraying of Triazophos @ 2.0 ml, Imidacloprid @ 0.5 ml, Acephate@ 1.5g/lt	IIHR, B'lore	Private varieties with no proper control measures	1	5	Arka Anamika 7.5Kg Spraying of Triazophos @ 2.0 ml= 1.25ltrs Imidacloprid @ 0.5 ml =300ml Acephat @ 1.5g/lt=1 Kg	1500 700 700 700	3600
Brinjal	Shoot and fruit borer	ICM in Brinjal	15	23	16	Arka Shirish **IPM tools** Root dipping in Trichoderma harzianum 20gm/lt Using neem cake 250kg/ha Remove infested fruits and destroy Use of Pheromone traps (16 No.) + Lures (32 No.) Neem oil /NSKE (1ml / lt) 1 lit, Carbaryl (4 g/lt)– 2kg	UAS B'lore	No IPM measures	1	5	Seeds- 375gm IPM tools Neem cake-50kg Trichoderma-1 kg Mancozeb -2kg Pheromone traps (16 No.) + Lures (32 No.) Neem oil /NSKE (1ml / lit) Carbaryl (4 g/ lt) – 2 kg	450 2500 150 600 540 500 1500	6240
Brinjal	Low yield	ICM in Brinjal	15	23	16	-Introduction of Arka Shirishi -Root dipping in Trichoderma harzianum 20gm/lt -Using neem cake 250kg/ha	IIHR, B'lore	Local variety	1	05	Seeds- 375gm Neem cake-50kg Trichoderma-1 kg Endosulfon -12 lit Dimethoate-1lt Mancozeb -2kg	5625 2500 150 800 500 600	9,375
Tomato	Low yield and blight	Integrated Crop	17t	25t	14t	**ICM in Tomato** Using Arka Ananya	IIHR, B'lore	Local variety	2	10	Arka ananya seeds-100gm	2500	19660

	diseases	managem ent				Tricoderma viridae 2kg Neem cake soil application Imidoclophrid Neem Soap (eco-neem product)		Laxmi			Trichoderma-100gm Neem cake-250kg Marigold-500gm Imidacloprid-200gm Indaxicarb-0.3lt Neem soap-6.0kg	10 2500 100 1600 1200 1920	
Dolichos	Low yield	HYV / Hybrids	55	80	50	Popularization of Arka Vijay Variety	IIHR, B'lore	Local variety	2	10	Seeds 37 kg	5,500	11000
Cabbage	DBM pest	IPM	175	300	120	**IPM in cabbage** Mustard as a trap crop Bt spray @2 ml /lit at 10 days after sowing Indoxicarb 0.5 ml/lit Neem soap spray @10 g/lit Pongamia soap @10g /lit	IIHR, B'lore	No IPM measures	2	10	Seeds -2.5 kg Bt formulation 1000 ml Indoxicarb 100 ml Neem soap 7.5 kg Pongamia soap-2.5 kg	250 420 400 937 312	4638
Plantation crops													
Arecanut	Anebe roga	IDM	150	200	120	**IDM in Arecanut** Neem cake @2kg/plant Drenching with Calixin@0.3%. Root feeding calixin @1.5 % RDF FYM 20kg/plant	CPCRI, Kasargod	No control measures	100 palms	10	Neem cake 200 kg / 100palm Calixin 6.25 ltrs	2000 5018	7018
Pulses & Oil Seeds													
Red gram (Early sowing)	Moisture stress and pod borer	Yield maximi zation in Red gram	3.8	10-12	3.5	**Integrated Crop Management** -Variety: BRG-1 -Recommended Dose of Fertilizer: 25: 50: 25 NPK kg/ha. -IPM measures:	UAS, B'lore	Local variety and no control measures	10	25	Seed rate: 15 kg/ha Rhizobium:375 g PSB: 1kg NPV @ 250 LE/ha	675 35 92 500	23020

						Cultural: Deep ploughing to expose immature stages of pests Use of pheromone traps Biological: NPV@ 250 LE/ha Chemical: Indoxicarb @ 0.5ml/lit					Traps: 10 Nos. Indaxicarb: 0.6 lt/ha	400 600	
Implements													
Ground nut	Drudgery	Drud-gery reducti -on	-	-	-	Ground nut decorticator	UAS B'lore	Manual	05	05	Ground nut decorticator - - 05	15000	15000
Others(Specify)													
Redgram	Storage pests	Post harvest technol ogy (Red gram)	--	--	-	Plastic buckets	UAS B'lore	Traditional method	5 unit	5 unit	Plastic buckets 5 no.	600	3000
Nutritiona l garden	Mal nutrition	Balanc ed nutritio n	-	-	-	Nutritional garden	UAS B'lore	-	05 unit	5 unit	Seeds & seedlings (Fruit & vegetables)	2500	12500
Tomato	Low income during glut and lack of knowledge on Income generating activities	IGA	-	-	-	Popularization of tomato soup mix	UAS B'lore	-	04 unit	04 unit	Tomato Mini multi rack solar dryer (UAS –D) Preservatives	5000	20,00 0

6. Training Programmes

6.1. Plan of training programmes for Farmers/ Farm Women during 2011-12

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title*	No. of Courses	Skill to be l transferred
Crop production **Cereals** Paddy	• Poor nutrition • Blast disease • Saline soil • Low yield	• High yielding varieties • Pest and disease Management	• Nutrient Management in Paddy • Saline soil Management • ICM in paddy	1 1 1	• Seed treatment • Identification of pest and diseases • Leaching of soluble salts
Ragi	• Monocropping • Imbalanced nutrient • Low yield	• ICM	• ICM in ragi	2	Seed treatment
Maize	• Nutrient deficiency • Disease & Pest Problem	• INM	• ICM in maize	1	• Method of fertilizer application
Oil seeds Groundnut	• Low productivity • Tikka disease • Collar rot & root grub	• ICM • IDM	• IDM in ground nut • Production practices in Groundnut	1 1	• Seed treatment • Bio fertilizer application • Gypsum application
Pulses Red gram	• Pod borer • Low yield	• IPM & IDM	• Improved production techniques • IPM in Redgram	1 1	• Transplanting method • IPM tools
Horticulture **Fruits :** Mango	• Monocropping • Flower and fruit dropping • Fruit fly • Powdery mildew	• ICM • IDM	• Production technologies in mango • IDM in mango	1 1	• Propagation • Pheromone traps • PGR application
Banana	• Poor management practices • Poor bunch weight	• ICM • Nutrient management	• Production practices in Banana • INM in Banana	1 1	• Paired row method of planting • Application foliar spray • Sucker treatment
Arecanut	• Poor management of orchard • Anaberoga • Nut splitting	• ICM	• Integrated crop management • IDM in Arecanut	1 1	• .Nursery techniques • Root feeding
Pomegranate	• Bacterial blight	• IDM	• Integrated management in Bacterial blight	1	• Pruning and training • IDM tools

Vegetables: Tomato	• Low yield • Blight disease	• ICM	• Seed production • Production technology	1 1	• Seed production • Seed treatment
Brinjal	• Shoot & Fruit Borer • Bacterial wilt • Low yield	• IPDM • ICM	• Integrated pest & disease management • ICM in Brinjal	1 1	• IPM tools
Dolichos	• Low yield	• ICM	• Seed production techniques	2	• Pollination, Emasculation
French bean	• Rust disease • Low yield	• ICM • Disease management	• Improved cultivation practices	1	-
Cabbage	• DBM	• IPM	• IPM cabbage	2	Pheromone Traps , Trap crops
Flowers Aster	• Smaller flower size • Low Yield	• ICM	• Improved Cultivation Practices	1	Nursery techniques
Nutrition Garden	• Mal Nutrition	• Balanced Nutrition	• Importance of Nutrition Garden	2	Lay out
Vermicomposting	• Non utilization of farm waste	• Farm resource utilization	• Importance and role of vermin compost in organic farming	1	• Multiplication techniques
Mushroom cultivation	• Non utilization of farm wastes	• Farm resource utilization	• Importance and role of Mushroom cultivation	2	• Demonstration
Processing of Fruit & Vegetables	• Under utilization	• Value addition	• Demonstration of preparation of different Jam. Jelly, squashes, pickle etc., • Value added products of Ragi • Value added products of Amla	2 2 2	• Demonstrations
			Total	**39**	

6.2. Plan of training programmes for Rural Youth during 2011-12

Crop / Enterprise	Major problem	Identified Thrust Area	Training Course Title*	No. of Courses	Skill to be transferred
Mushroom	Low income	Income generation	Oyster mushroom production	04	Method
Washing powder and phenyl preparation	Poor knowledge	Income generation	Washing powder and phenyl preparation	02	Method
Seed production	Low income and non availability of seeds	Seed production	Seed production techniques in vegetables	01	Rouging of off types
			Total	**07**	

6.3. Plan for training programmes for Extension Personnel during 2011-12

Crop / Enterprise	Identified Thrust Area	Organization	Training Course Title	No. of Courses	Skill to be transferred
Mango	ICM	Dept. of Horticulture	Recent advances in Cultivation of Mango	01	Propagation, training and pruning
Value addition	Value Addition	Dept of Women and Child Welfare	Enrichment and popularization of low cost nutritious foods	03	Preparation of value added products.
Nutritional Education	Management of mal nutrition	Dept of Women and Child Welfare	Enrichment and popularization of value added products	01	Preparation of value added products.
Dairy	Low Milk Yield	Dept. of Animal Science	Production and feeding methods of Azolla milch animals to improve the milk production and health	01	Feeding methods
			Total	**06**	

6.4. Plan of vocational training programmes for Young Farmers during 2011-12

Crop / Enterprise	Identified Thrust Area	Training title*	No. of programmes and Duration (days)	Skill to be transferred
Mushroom	Income generation	Mushroom cultivation	2 (7 days)	Media preparation and inoculation
Composting	Organic farming	Vermi-composting	1 (7 days)	Production of Vermi-compost and Vermi-wash
Bio Pesticide	IPM	Production of Neem based products	1(7 days)	Neem Soap, Neem Powder, Neem Oil, NSKE,etc.
Vegetables	Seed Production	Improved Seed Production Practices in Vegetables	1(7 days)	Emasculation, Pollination, Roughing
Home Science	Value addition	Preparation of value added products	2 (7 days)	Blending techniques
Home Science	IGA	Production of Agarbatti, Candle, Phenyl , Soap Powder	1(7days)	Products Preparation
		Total	**08**	

6.5. Plan for sponsored training programme during 2011-12

Crop/ Enterprise	Identified Thrust Area	Organization	Training course title*	No. of Courses	Sponsoring Agency	Skill to be transferred
Processing	Value addition	NABARD & KVK	Entrepreneurship development programmes	01	NABARD	Method demonstration
Amla	ICM	KAMPA, Bangalore	1. Improved cultivation practices of Amla 2. General benefits of Amla 3. Value addtiton in Amla	05	KAMPA, Bangalore	-
			Total	**06**		

7. Extension programmes planned for 2011-12

Month	Block & village	Extension programme*	Its relation to KVK activities (Tables 3 to 6)**	Expected category of participants	Remarks
1	2	3	4	5	6
April,11	Chikkavalli, Kyamanahalli, Bidalota, Kodalahalli, Badavanahalli, Siddapura, Vaderahalli, Haraluru, Bheemasandra & Belagumba	Group meeting/Training/Method demonstrations	FLD / OFT/Off Campus and On campus training	140	-
May, 11	Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli	Group meeting/Training/Method demonstrations	FLD / OFT/Off Campus and On campus training	120	-
June, 11	Haraluru, Bheemasandra, Bairasandra, Gollahalli, Neeralapura, Chikkavalli, Kyamanahalli, Bidalota, Kodalahalli, Badavanahalli, Siddapura, Vaderahalli, Haraluru, Bheemasandra & Belagumba	Group meeting/Training/Method demonstrations	FLD / OFT/Off Campus and On campus training	145	
July, 11	Badavanahalli, Siddapura, Siridaragallu, Vaderahalli, Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura,	Group meeting/Training/Method Demonstrations/Field visits	FLD / OFT/Off Campus and On campus training	160	-

	Kyamagondanahalli				
August, 11	Chikkavalli, Kyamanahalli, Bidalota, Kodalahalli, Badavanahalli, Siddapura, Vaderahalli, Haraluru, Bheemasandra	Field visit/ Training	FLD/OFT/ problematic field visits	125	-
Sept, 11	Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli	Group meeting/Training/Method Demonstrations/Field visits/Field day	FLD / OFT/Off Campus and On campus training/ Field days	145	-
October, 11	Badavanahalli, Siddapura, Siridaragallu, Vaderahalli, Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli, Chikkenahalli	Group meeting/Training/Method Demonstrations/Field visits/Exhibitions/Field day,	FLD / OFT/Off Campus and On campus training/ Field days	180	-
Nov, 11	Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli	Training/Method Demonstrations/Field visits/ /Field day/ Women in agriculture	FLD / OFT/Off Campus and On campus training/ Seminar	160	-
Dec, 11	Chikkavalli, Kyamanahalli, Bidalota, Kodalahalli, Badavanahalli, Siddapura, Vaderahalli, Haraluru, Bheemasandra & Belagumba	Training/Method Demonstrations/Field visits/Exhibitions/ Seminar	FLD / OFT/Off Campus and On campus training	175	-
January, 12	Chikkavalli,	Training/	FLD / Off	120	-

	Kyamanahalli, Bidalota, Kodalahalli, Badavanahalli, Siddapura, Vaderahalli, Haraluru, Bheemasandra	Method Demonstrations/ Field visits/	Campus and On campus training		
Feb, 12	Badavanahalli, Siddapura, Siridaragallu, Vaderahalli, Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli, Chikkenahalli & Belagumba	Group meeting/Training/ /Field visits/Exhibitions	FLD/Off Campus and On campus training	85	-
March, 12	Kotagudda, Shailapura, Mugadala betta, Arekyathanahalli, Hendore, Kataveeranahalli, Veerapura, Kyamagondanahalli	Group meeting/Training/ /Field visits/Exhibitions/seminars	Off Campus and On campus training	125	-

7. Details of print & electronic media coverage planned for 2011-12

Sl. No.	Nature of literature/publications and no. of copies	Proposed title of the publication
1.	Leaf lets/folders - 17 & 500 copies each	1. Soil sampling 2. Production technology of Aster 3. Value added products of ragi 4.Integrated pest and disease management in tomato 5. Integrated pest and disease management in Arecanut 6. Recent varieties of IIHR 7. About KVK Hirehalli 8. Modern Bee keeping 9. Seed production techniques in vegetables
2.	Technical Bulletins -5	1. Improved production technologies in vegetables 2. Seed production technologies in vegetables and flowers crops
3.	News paper articles -15	1. Role of micronutrients and growth regulators in vegetables 2. Use of bio fertilizers and growth regulators in vegetables

		3. Weed control in drill sown paddy 4. Soil & Water conservation and Integrated Nutrient Management in horticultural crops 5. IFS for dry lands, Fodder tree species, Bamboo cultivation, Agroforestry systems 6. Strategies for sustainable production & rainfed fruit crops 7. Physiological disorders in mango & its remedies 8. Dehydration of Vegetables 9. Preservation of fruits and vegetables through non thermal method 10.Importance of green manuring in horticulture 11.Importance of Green Leafy Vegetables in the Diet. 12.Mango and Aonla products 13.Mango pest management 14. Value added products of Ragi 15. New high yielding varieties /hybrids released by IIHR
4.	Books	-
Sl. No.	**Nature of media coverage**	**Proposed title of the programme to be telecasted/ broadcast**
1.	Radio talks - 05	1. Activities of KVK 2. Vegetables seed production 3. Importance of soil testing 4. Management practices for coconut and Arecanut gardens 5. Value added products of minor millets
2.	TV courage -2	1. Tomato production technology 2. Management of Areca nut nursery

9. Nature of collaborative activities planned for 2011-12

Thrust area	Collaborative Organizations	Nature of activities*	No. of Activities
Crop productivity Seed production activities in vegetables,INM & IPM in vegetables and field crops	KSDA / NGOs / DOH/SHGs	Training / Field visits, Group meetings , Trainings, Demonstrations, Publication	02
Seed production activities in pulses	NGO- ORDER/ NABARD	Training / Field visits, Group meetings , Trainings, Demonstrations & Publication	15
Poor nutrient management	KSDA/DOH/ NGOs	Field visits, Trainings, Demonstrations	02
Post harvest techniques	Dept. of Horti	Post harvest technology through Trainings, Seminars	02
IGA to farmers families	Dept. of women and child development	IGAs on Soap powder & phenyl making demon / training on value addition to cereals, pulses, vegetables and fruits.	02

**Specify the activity like training, meetings, seminars, campaigns, workshops*

10. Financial status of revolving fund and plan for its utilization

Opening balance as on 01.04.2010 (Rs.in Lakh)	Expenditure incurred during 2010-11 (Rs.in Lakh)	Receipts during -2010-11 (Rs.in Lakh)	Closing balance as on 31.01.2011 (Rs.in Lakh)	Proposed expenditure during 2011-12 (Rs.in Lakh)	Purpose	Expected production (Tonnes / Lakh Numbers/)	Proposed receipts during 2011-12 (Rs.in Lakh)
1.71634	**0.62151**	1.24302	**2.33785**	**1.00**	**Seed production** Bhendi -Arka Anamika	8 qt	1.60.
					Aster	5 kg	0.20
					Arecanut seedlings	30,000 Nos.	3.00
					Drumstick seedlings	2000 Nos	0.10
					Mango gratfs	500 Nos	0.122
					French bean	4 qt	0.40
					Neem and pongamia soap	100 kg	0.125
					Ragi malt	130 kg	.080
						Total	**5.627**

11. Physical status of revolving fund and plan for its utilization

Opening stock position of materials* as on 01.04.2010 (Tonnes / Lakh Numbers/)	Quantity produced during 2010-11 (Tonnes / Lakh Numbers/)	Quantity sold during 2010-11 (Tonnes / Lakh Numbers/)	Closing stock position as on 31.01.2011 (Tonnes / Lakh Numbers/)	Expected production during 2011-12 (Tonnes / Lakh Numbers/)	Expected number of farmers to be benefited
0.30 Lakh Areca nut seedlings	0.40 Lakh Areca nut seedlings	0.30 Lakh Areca nut seedlings	0.40 Lakh Areca nut seedlings	0.40 Lakh Areca nut seedlings	400

12. Status of KVK farm and Demonstration units

No. of blocks	Area	Source of irrigation	Season	Crop/enterprise/ demonstration units	Size (no. of units/area)	Expected output	
						Quantity	Value (Rs.in lakh)
A	10 acre	Borewell	All season	Arecanut	5 acre	20 qt	1,00,000
B	4.0 acre	Borewell		Coconut	2.0 acre	4000 Nos.	12,000
C	10.0 acre	Borewell		Mango Guava Citrus Banana Sapota	7.5 acre	-	-

				Pomagranet Fig Jackfruit Amla, Tamarind Jamun Custard apple			
D	16 acre	Borewell		Vegetable Seed productuion	14 acre	3000 kg	6,00,000

13. Are there any activities planned for production and supply (Either buy back or directly farmer to farmer) of seeds/ planting material/ Bio-agents etc. in villages (other than KVK farm) so that public private partnership is utilized. Please give details in the following format

Sl. No.	Seeds/Planting material /Bio-agent	Name of the public-private partnership arranged	Quantity of output expected (Qtl)
1	Hybrid paddy KRH-2	Seed growers to KSSC	40
2	Redgram BRG-2	Seed growers to KSSC	90
3	Okra Arka Anamika	Seed growers to Farmer	6
4	French Bean – Arka Suvidha	Seed growers to Farmer	25
5	Tomato -Arka Meghali	Seed growers to IIHR	0.5

14. What is the extent of cultivable wasteland in your district? Are there any specific activities planned to be implemented in these wastelands by the KVK during 2011-12. Please give details.

Sl. No	Name of activity	Extent of coverage	
		No. of farmers	Area (ha)
01	Integrated water shed management of waste land in D.Nagenhalli, through NICRA Project	200	150

***individual/SHGs/farmers' associations/corporate/institutions/private agencies etc**

15. National Horticulture Mission (NHM) is being implemented through out the country. You are requested plan for implementing some of the activities envisaged in NHM in your district in collaboration with district head of department of horticulture. Please give details of any such plans for 2011-12

Sl. No	Name of activity	Crops	Extent of coverage	
			No. of farmers	Area (ha)
01	Vegetable seed production	Bhendi, French Bean,Chilli,onion,tomato	20	8
02	Spawn production, Mushroom cultivation, Value addition, Processing and training Programme	Oyster Mushroom	100 Farmer and 10 SHG,s	100 Farmer and 10 SHG,s
03	Establishment of Vegetable Processing unit	All Vegetables	-	-

16. Whether SREP under ATMA is prepared and implemented functioning in your district? No

If yes, what type of coordination and collaboration does your KVK is proposed to have during 2011-12?

Sl. No	Name of activity / Programmes	No. of programmes	Crops / Enterprise	Extent of coverage*	
				No. of farmers	Area (ha)
1					

17. What type of scientist-Farmer linkages are proposed by your KVK for 2010-11?

Sl. No.	Programme	Tentative month	Resource person
1.	Farmer-scientist interaction on cultivation of Arecanut	November 2011	KVK /NGOs/Media
2.	Special training Programme on Post Harvest Technology	January - 2012	IIHR, Bangalore & KVK
3.	Introducing new varieties and hybrids of Vegetables	November – 2011	IIHR, Bangalore & KVK
4.	Group approach for Peas cultivation	October,2011	IIHR, Bangalore & KVK

18. Activities of soil, water and plant testing laboratory

***Proposal has been already submitted to Zonal Project Directorate, Zone-8 and National Horticulture Mission for establishing soil testing laboratory and Tissue analysis laboratory respectively.**

Year of establishment	Expenditure is Rs.(lakhs)	No. of soil samples planned To be analyzed and reported	No. of water samples planned To be analyzed and reported	No. of Plant Samples planned To be analyzed and reported	Remarks if any

19. Details of budget utilization (2010-11) upto February 2011

Sl. No.	Particulars	Sanctioned (in Lakhs)	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	45.00	45.00	43.90834
2	**Traveling allowances**	1.25	1.25	0.28478
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.20	2.20	1.51966
B	POL, repair of vehicles, tractor and equipments	2.00	2.00	1.19344
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.20	1.20	0.85984
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.30	0.30	0
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.50	1.50	1.49977
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.70	0.70	0.69775
G	Training of extension functionaries	0.25	0.25	0.03500
H	Maintenance of buildings	0.90	0.90	0.30000
I	Establishment of Soil, Plant & Water Testing Laboratory	0.00	0.00	0.00
J	Library	0.05	0.05	0.0700
k	FFS	0.25	0.25	0.00
l	Extension activities	0.30	0.30	0.00
TOTAL (A)		**55.9**	**55.9**	**50.36858**
B. Non-Recurring Contingencies				
1	**Works**	37.00	37.00	37.00000
2	**Equipments including SWTL & Furniture**	7.00	7.00	1.00000
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0.00	0.00	0.00
4	**Library** (Purchase of assets like books & journals)	0.10	0.10	0.00
TOTAL (B)		**44.1**	**44.1**	**38.00**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**101.00**	**101.00**	**87.99718**

20. Details of Budget Estimate (2011-12) – ICAR KVKs alone may consider Pay and Allowances based on VI Pay Commission Orders from ICAR, for rest of the KVKs please estimate based on the existing norms, since ICAR is yet to take decision in this regard.

Sl. No.	Particulars	Estimate	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	50.00	-	-
2	**Traveling allowances**	2.00	-	-
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.50	-	-
B	POL, repair of vehicles, tractor and equipments	3.00	-	-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.50	-	-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.50	-	-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2.15	-	-
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1.35	-	-
G	Training of extension functionaries	0.50	-	-
H	Maintenance of buildings	1.50	-	-
I	Establishment of Soil, Plant & Water Testing Laboratory	22.50	-	-
J	Library	0.05	-	-
k	Extension activities	0.50	-	-
l	FFS	0.3 0	-	-
TOTAL (A)		**88.35**		-
B. Non-Recurring Contingencies				
1	**Works**	78.00		-
2	**Equipments including SWTL & Furniture**	0	-	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0	-	-
4	**Library** (Purchase of assets like books & journals)	0.10	-	-
TOTAL (B)		**78.1**	-	-
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		**166.45**	-	-

21. Targets for E-linkage activities for 2011-12:

Sl. No.	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
01	Creation of web-site	Completed	-
02	Title of the technology module to be prepared		-
03	Creation and maintenance of relevant database system for KVK	June,2011	-
04	Any other (Please specify)	-	-

22. Activities planned under Rainwater Harvesting Scheme during 2011-12 (only to those KVKs which are already having scheme under Rain Water Harvesting): Nil

23. Publication of success story / case study planned for 2011-12

Sl. No	Title of success stories	Proposed date for finalization of documentation*	Title of the case study*	Proposed date for finalization of documentation*
1.	Benefits of fruit fly trap in mango	July,2011	Use of vegetable Special in Tumkur District-	Aug 2011-
2	"Vegetable special"- importance in enhancing vegetable yield	Dec,2011	-	-

24. Technology Week

Particulars	Details
Period of Technology Week Observed during 2010-11	-
Period of Technology Week planned during 2011-12	One week
No. of demonstrations planned to be conducted in KVK Campus to show to the farmers during Technology Week	04
Other activities / Programmes planned in connection with Technology Week	Field Day ,Interface

25. Innovative Farmer's Meet

Particulars	Details
Are you planning for conducing Farm Innovators meet in your district?	Yes
If Yes likely month of the meet	February 2012
Brief action plan in this regard	Technologies related to cost effectiveness in crop production Seminar, Exhibition, Expert Farmers Interface etc…

26. Progressive Farmers List

Particulars	Details
Number of Progressive Farmers address and all details planned to be collected and documented during 2011-12*	100
Likely Date and Month of completion of this work (on or before 30th June 2011)	30th June

27. Farmer's Field School planned during 2011-12

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1.	IPM	Integrated Pest Management in Tomato	25,000

28. Please give details of activities planned, other than those listed above.

a. Systematic planning for celebrating Special days like International Womens Day, World Environment Day,

SL No.	SPECIAL DAYS	DATE
1	World environment day	5-06-2011
2	World food day	16-10-2011
3	Farmers day	23-12-2011
4	National science day	28-02-2012
5	International women's day	8-03-2012

b. Interactions, need assessments for training etc. will be undertaken

c. Documentation of success stories of Training / Programmes / FLD / OFT

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