ZONAL PROJECT DIRECTORATE – ZONE VIII BANGALORE

PROFORMA FOR ACTION PLAN OF KVKS IN ZONE VIII FOR THE YEAR 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 Dakshina Kannada Kankanady Post Mangalore-575001. 0824-2431872 Fax: 0824-2430060 e-mail: kvkdk@rediffmail.com
2.	Name and address of host organization with Phone, Fax and e-mail	:	University of Agricultural Sciences, Bangalore Phone No: 080-23330153, **Vice-Chancellor** 080-23332442 e-mail: uas.vc@uasblr.kar.nic.in **Director of Extension,** Hebbal, Bangalore 080-23418883 e-mail: deuasb@yahoo.co.in
3.	Name of the Programme Coordinator Residence Phone Number/ Mobile No.	:	**Dr. H. Hanumanthappa** 0824-2430716/9449866934
4.	Year of sanction	:	2004
5.	Year of start of activities	:	2004
6.	Major farming systems/enterprises	:	Agriculture, Horticulture, Animal Husbandry and Fisheries.
7.	Name of agro-climatic zone	:	Coastal Zone, Zone 10
8.	Soil type	:	Laterite, Sandy loam and Alluvial soil
9.	Annual rainfall (mm)	:	

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

	Programme Coordinator	Subject Matter Specialists	Programme Assistant	Administrative Staff	Auxiliary Staff	Supporting Staff	Total
Sanctioned	1	6	3	2	2	2	16
Filled	1	5	2+1*	1+1*	2	2	15
Vacant	-	1	-	-	-	-	01

* Filled on work contract basis

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 technologies to be assessed / refined	FLDs	Training Programmes	Extension Programmes		
1.	Programme Coordinator	Dr. H. Hanumanthappa	Fisheries	37400-67000	08	30	70	30	21-01-2006	Permanent
2.	Subject Matter Specialist	Dr. Jayashree S.	Home Science	15600-39100	0	2	12	10	02-03-2007	Permanent
3.	Subject Matter Specialist	Dr. G. Nagesha	Agril. Extension	15600-39100	0	3	30	10	10-03-2007	Permanent
4.	Subject Matter Specialist	Dr. Rajesh K.M.	Fisheries	15600-39100	1	5	20	10	07-11-2008	Permanent
5	Subject Matter Specialist	Dr. Raviraj Shetty G.	Horticulture	15600-39100	2	4	11	10	24-07-2009	Permanent
6	Subject Matter Specialist	Dr. Sharanabasappa	Agricultural Entomology	15600-39100	2	7	20	10	30-07-2009	Permanent
8	Programme Assistant	Mr. Harish shenoy	-	5500-9000	08	30	20	10	11-11-2010	Permanent
9	Computer Programmer	Sathisha Naik K	-	5500-9000	NOT APPLICABLE				24.01.2011	Permanent
10	Farm Manager	Mrs. Sujata Bhat	-	9300					23-08-2009	Temporary
11	Accountant/ Superintendent	Mr. Dayanada G.N.	-	8000					23-08-2009	Temporary
12	Stenographer	Mrs. Nalinakshi	-	7200					27-01-2011	Temporary
13	Driver 1	Mr. Keshava	-	5800					25-05-2010	Temporary
14	Driver 2	Mr. C.Santhosh	-	7100					08-11-2010	Temporary
15	Supporting staff 1	Ms. Chandrakala B.C.	-	4700					07-09-2010	Temporary
16	Supporting staff 2	Mr. Vamana	-	5200-8200					23-11-2009	Permanent

**** Pay Scale based on existing norms***

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

S. 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	Fisheries	Ornamental fish breeding	CIFA, Bhubaneswar, Orissa	CIFA, Bhubaneswar, Orissa	To learn the recent advances in ornamental fish breeding	Improvement of rural economy through establishment of small ornamental fish breeding unit	15	15000.00
		Integrated fish farming	Fisheries college, Tuticorin, Tamil Nadu	Fisheries college, Tuticorin, Tamil Nadu	To learn the recent technology in Integrated fish farming	Integrated fish farming in farm ponds/Irrigation tanks	10	15000.00
2	Home Science	Processing and value addition of fruits and vegetables	IIHR, Bangalore	IIHR, Bangalore	To know the recent advances in processing and value addition	Processing and value addition specific to local crops	15	10000.00
3	Agricultural Extension	ICT in Agriculture	NAAR, Hyderabad	NAAR, Hyderabad	To know the application of ICT tools in field extension	ICT tools helps the farming community to get the need based information at quickest time	21	10000.00

V. Infrastructure

i) Land

Total Area (ha)	Area Cultivated (ha)	Area occupied by buildings and roads (ha)	Area with demonstration units (ha)
9.0	4.89	3.96	0.15

ii) Buildings

Admn. 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)
550	40.88	2007	300	32.00	2007	400	31.02	2007	Fish Pond	80	1.75
									Poly House	80	2.0

iii) Vehicles (05-03-2011)

Type of vehicle	Model	Actual cost (Rs.)	Total kms. Run	Present status
Bolero DI Jeep	2004	5,00,000	173546 kms.	Good condition
M.F. Tractor 1035	2005	5,00,000	223.1 hrs.	Good condition
Hero Honda	2006	40,000	22365 kms.	Good condition
Aviator	2009	50000	7078 kms.	Good condition

iv) Equipments and AV aids

Sl.No.	Name of Equipments	Date of purchase	Cost (Rs.in lakhs)	Present status
1.	Gutter Sprayers	29-11-2005	2,640.00	Good
2.	Drum Seeder & Cona weeder	25-11-2005	2,600.00	Good
3.	Marker (SRI method)	29-11-2005	1350.00	Good
4.	Xerox Machine	18-3-2006	75,000.00	Good
5.	Computer & Accessories	18-10-2006 and 23-3-2007	98,890.00	Good
6.	Power sprayers	15.3.2008	4800.00	Good
7.	Weed cutter	28-3-2008	13000.00	Good
AV aids				
1.	Digital Camera	3-5-2006	20,000	Good

VI. Details of SAC meeting conducted during 2010-11

Sl. No	Date	Major recommendations of SACs which are to be implemented during 2010-11
01	-	-Nil-

VII. Planning of SAC during 2011-12

Sl. No	Date planned for conducting SAC meeting during 2011-12
01	18.05.2011 and 23.12.2011

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	Mangalore	Kuppepadavu Edapadavu	Paddy, Arecanut, Coconut, Cashew, Pepper, Banana, Jasmine, Brinjal, Bhendi, Cowpea	• Acidic Soil • Non-adoption of high yielding Varieties • Imbalanced and improper method of Fertilizer application • Arecanut Root grub, Koleroga and inflorescence die back disease • Coconut Rhinocerous beetle, Mite, Bud rot and stem bleeding disease • Pepper Quick wilt. • Cashew Tea Mosquito and stem borer • Paddy Gall midge, case worm, leaf folder and sheath rot disease	✷ Integrated Nutrient management ✷ Method of Soil and water testing ✷ Introduction of high yielding varieties ✷ Reclamation of acidic soil ✷ Organic farming	Existing	2009-10
2	Bantwal	Cheluru Sajipa moda					

3	Belthangady	Nada, Kajoru and Bangady	Arecanut, Coconut, Rubber, Pepper, Jasmine, Vegetables, Cowpea, Bhendi, Dairy	• Improper nutrient management • Non adoption of high yielding varieties • Acidic soil • Coconut mite, Bud rot • Nut splitting, Koleroga & Root grub • Lack of knowledge on utilization of Agriculture/Horticulture by products • Lack of knowledge on production of value added products from Agriculture & horticulture produce. • Paddy Gall midge, case worm, leaf folder and sheath rot disease	✶ Use of growth regulators ✶ Plant protection Measures ✶ Employment generation activities	Existing	2009-10
4	Puttur	Panaje and Nidupalli	Paddy, Arecanut, Coconut, Cashew, Rubber, Pepper, Banana, Jasmine Bhendi	• Imbalanced use of plant nutrients • Non adoption of plant protection • Lack of knowledge on suitable high yielding varieties • Weed management • Soil acidity • Arecanut Root grub, Koleroga and	✶ Introduction of high yielding varieties ✶ Method of Soil and water testing ✶ Integrated nutrient management ✶ Introduction of Biofertilizers	Existing	2009-10

				inflorescence die back disease • Cashew Tea Mosquito and stem borer • Lack of knowledge on bio-degradation of Areca-husk Composting	✷ Organic farming ✷ Reclamation of Acidic soil ✷ Plant protection ✷ Employment generation activities ✷ Dairy shed sanitation * Introduction of Fodder Crops		
5	Sullya	Ajjavara and Bellare	Arecanut, Coconut, Cashew, Pepper, Rubber, Cocoa, Banana, Cowpea, Bhendi, Jasmine Dairy, Piggery	• Non adoption of high yielding varieties • Imbalanced application of nutrients • Acidic soil • Non use of bio fertilizers • Improper plant protection measures • Arecanut Root grub, Koleroga and inflorescence die back disease • Cashew Tea Mosquito and stem borer • Unhygienic maintenance of Dairy sheds			2009-10

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

A. Crops

Thrust areas	Crops to be covered	Interventions planned
Storage of seeds	Paddy	Storage of paddy using metal bin
Mechanization in Agriculture	Paddy	Mechanical transplanting of paddy
Post harvest processing of pepper	Pepper	Drying of pepper using Solarization technique
Value addition of Agricultural produce	Cashew	Demonstration on preparation of value added products from cashew apple
Reclamation of acidic soil	Arecanut	Nutrient management in arecanut
Livestock management and introduction of fodder crops	Lucerne, Azolla, and CO-4	Protein supplements for dairy animals and Introduction fodder variety
Integrated pests and disease management	Arecanut	Koleroga management in Arecanut, Management of inflorescence dieback, and root grub management
Introduction of HYVs	Cassava, Black gram, Sessamum	Production technology of Cassava, Black gram, Sessamum
Organic Farming and Bio fertilizers	-	Training on Vermicompost preparation and usage of Trichoderma

B. Livestock, poultry, fisheries

Thrust areas	Livestock/ poultry / fisheries to be covered	Interventions planned
Fish culture in farm ponds, clay pits and weed infested tanks	Fish & prawn Poultry birds	Polyculture of fish and prawn in farm ponds Utilization of clay pits for fish culture Poly culture of fish in weed infested ponds Culture of pungassius in farm ponds
Back yard poultry	Swarnadhara poultry birds rearing	Swarnadhara poultry birds rearing
Piggery	Pig farming	Poly culture of pig with fish

Rabbitry	Rabbit rearing	Rabbit rearing

C. Others

Thrust areas	Interventions planned

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

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.)
Paddy	• Scientific method of paddy cultivation • Mechanization in paddy cultivation • Storage of seeds	• Improper trient, Pest and disease management • Leaching loss of Potassium • Lack of awareness on storage structures • Lack of skilled labours	-	-	• SRI method of paddy cultivation • Integrated Nutrient management in Paddy through STCR approach • Integrated crop management in Paddy • Mechanical transplanting of paddy	• Integrated crop management in Paddy • SRI method of paddy cultivation • Integrated Nutrient management in Paddy • Pest and disease management in paddy • Paddy Storage methods	• Field visits • Field day • Method Demonstrations	-

Vermi composting	Organic farming	• Under utilization of Agricultural waste	-	-	-	• Production of enriched Vermicompost	• Field visits • Result demonstration	-
Black gram	Utilization of residual moisture And crop rotation	• Lack of knowledge on improved varieties and cultivation practices	-	-	• Production technology of Black gram	• Cultivation practices of Black gram	• Field visits • Field day	-
Sesamum	Utilization of residual moisture And crop rotation	• Lack of knowledge on improved varieties and cultivation practices	-	-	• Production technology of Sesamum	• Cultivation practices of Sesamum	• Field visits • Field day	-
Arecanut	Integrated Nutrient management, Integrated pest and disease management	• Lack of knowledge on nutrients and pest management • Leaching of nutrients due to heavy rainfall	• Management of slugs and inflorescence caterpillar in Arecanut ecosystem	-	• Root grub management in arecanut • Management of Inflorescence die back disease	• Recent advances in management of arecanut plantations • Koleroga disease management in arecanut	• Field visits • Field days • Method Demonstrations	-

Cashew	Integrated pest management	• Poor knowledge on cultivation practices • lack of Knowledge on value addition of cashew apple	-	-	-	• Integrated crop management in Cashew • Demonstration on preparation of value added products from cashew apple	• Field visits	-
Banana	INM Integrated pest and disease management	• Improper nutrient and pest management	-	-	• Integrated Crop Management in Banana	ICM in banana	• Field visits • Field days	-
Water melon	Integrated crop management	• Lack of knowledge on nutrients and pest management	-	-	• Integrated Crop Management in Water melon	ICM in Water melon	• Field visits • Field days	-
Pepper	Post harvest processing of pepper	• Improper disease management • Lack of awareness on improved method of drying of pepper	-	-	-	• Pest and disease management in pepper • Improved method of drying of pepper	• Field visits • Field days	-
Cassava	Introduction of HYV of Cassava	• Cultivation of local varieties	-	-	-	• Cultivation of high yielding Cassava variety	• Field visits • Field days	-
Ash gourd	INM	• Imbalanced nutrient application	-	-	• Nutrient management in Ash gourd	• Cultivation practices of Ash gourd	• Field visits • Field days • Method Demonstrations	-

Ridge gourd	INM	• Imbalanced nutrient application	Nutrient management in Ridge gourd	-	-	Nutrient management in Ridge gourd	• Field visits • Field days	-
Bhendi	Seed treatment	• Improper disease management	Management of YVM in Bhendi	-	-	Seed treatment in management of sucking pests in bhendi	• Method Demonstrations • Field visits	-
Bitter gourd	INM	• Imbalanced nutrient application	Nutrient (Potash) management in bitter gourd	-	-	Nutrient Management	• Field visits • Field days	-
Jasmine	IPM	• Improper pest and disease management	-	-	• Integrated Pest and disease management in Jasmine (ICM)	Integrated pest and disease management Cultivation practices of Jasmine	• Field visits • Field days	-
Fisheries	• Polyculture of fish	Lack of knowledge on stocking of varies fish species	Polyculture of fish with different stocking densities (80:20 pond fish farming)	-	-	Recent advances in polyculture of fish	• Field visits • Field days • Method Demonstrations	-
	• Culture of cat fish with carps	Lack of knowledge on culture of cat fish with carps under polyculture of fish	-	-	• Culture of cat fish and carp	• Culture of cat fish in farm ponds/irrigation tanks		-

	• fish culture in clay fish	• Lack of knowledge on utilization of Clay pits for fish culture	-	-	• Utilization of clay pits for fish culture	• Fish culture in clay pits		-
	• Weed infestation in farm ponds	• Lack of knowledge on utilization of weeds as feed for fish culture.	-	-	• Utilization of weed infested farm Ponds/Tanks for polyculture of fish	• Utilization of weed infested ponds/tanks for fish production.		-
	• Polyculture of fish and prawn	• Lack of knowledge on improved method of fish and prawn culture	-	-	• Polyculture of fish and prawn	• Polyculture of fish and prawn		-
	• Shallow seasonal water bodies	• Lack of awareness on production of Pungasius fish in shallow seasonal water bodies	-	-	• Culture of pungasius in farm pond/ irrigation tanks	• Culture of pungasius in shallow seasonal water bodies		-
	• Integrated farming	• Lack of awareness on integration of pig and fish	-	-	• Integration of pig and fish farming	• Integrated fish farming with piggery, Dairy, Poultry & Agricultural crops		-

Fodder	Integrated crop management	Lack of knowledge on supplementary fodder crops	-	-	• Cultivation of CO-4 fodder • Supplementation of Azolla as protein feed for dairy animals	• Protein rich Fodder • Protein rich Fodder	• Field visits • Field days	-
Back yard Poultry	-	Lower growth rate of desi poultry birds	Adoptablity of Japanese Quails for backyard rearing	-	Rearing of Swarnadhara poultry birds in backyards	Rearing of Swarnadhara poultry birds in backyards	• Field visits • Field days	-

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

S. No	Particulars of intervention	Target number / Quantity
01	**On Farm Trial**	6
02	**Front Line Demonstration**	21
	Front Line Demonstration (Pulses)	01
	Front Line Demonstration (Oilseeds)	01
03	**Training Programmes**	
	Farmers and farm women	85
	Rural Youth	05
	Extension personnel	05
	Sponsored programmes	
	Vocational Programmes	05
04	**Extension Programmes**	
	Field Day	20
	Kisan Mela	05
	Kisan Ghosthi	01
	Exhibition	05
	Film Show	-
	Method Demonstrations	10
	Seminars	05
	Workshop	05

	Group meetings	05
	Lectures delivered	25
	Newspaper coverage	100
	Radio coverage	02
	TV coverage	02
	Radio Programmes	07
	TV Programmes	-
	Publications	
	Popular articles	10
	Extension Literature	10
	Advisory Services	100
	Scientific visit to farmers field	75
	Farmers visit to KVK	600
	Diagnostic visits	05
	Field visits	25
	Exposure visits	05
	Ex-trainees meet	-
	Agriculture Camps	-
	Clinic day	-
	Soil health Camp	02
	Animal Health Camp	02
	Agri mobile clinic	-
	Soil test campaigns	05
	Farm Science Club Conveners meet	-
	Self Help Group Conveners meetings	05
	Mahila Mandals Conveners meetings	02
	Special Day celebrations	05
	Awareness campaigns	01
	Others (Pl. specify)	-
05	**Production and supply of seed materials**	
	1) Cereals (Paddy)	50 Qtl
	ii) Oilseeds (Groundnut)	2 Qtl
	iii) Pulses	--

	iv) Vegetables	--
	v) Flower crops	--
	vi) Others (Specify)	--
	Production and supply of Planting materials	
	Fruits (Papaya)	500 No.
	Spices	
	Vegetables	
	Forest species	
	Ornamental crops	
	Plantation crops Coconut	1000
	Others	
	Production and supply of bio-products	
	Bio agents	
	Bio fertilizers	
	Bio pesticides (Trichodema)	500 KG
	Production and supply of livestock material	
	Sheep	--
	Poultry birds (Giriraja birds)	1000
	Goat	
	Fisheries (Carp finger lings)	5000
	Others (Specify) Ornamental fishes	500
06	**Number of soil samples to be analyzed**	--
07	**Number of water samples to be analyzed**	--

4 Plan of Technology Assessment and Refinement for 2011-12

(***You are requested to prepare a detailed proposal for each OFT as per the Following guidelines for assessment and refinement and include in the main document itself***)

Horticulture

1. Assessment

a. Title of Technology Assessed : Nutrient management in Ridge gourd

b. No. of Trials : 10

c Problem Definition : Imbalanced nutrient application results in poor keeping quality and yield loss

d Production system and thematic area : Irrigated (paddy follows)

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 DAP 100 kg/ha at the time of sowing and 50 kg urea after 35 days	1.0	-	-	Yield and quality	-	NIL			
2	NPK 50:50:0 kg/ha in 2 splits + FYM 25 t/ha.	1.0	2001	UAS(B)	Yield and quality	-	Urea	110.0	5.3	583.00
							Rock phosphate	250.0	4.8	1200.00
							Muriate of potash	-	-	-
									Total	**1783.00**
3	NPK: 75:25:25 kg/ha in 2 splits + FYM 25 t/ha.	1.0	2009	RARS, Pilicode, Kasargod, (K. A .U.)	Yield and quality	-	Urea	166	5.3	880.00
							Rock phosphate	130	4.8	624.00
							Muraite of potash	40	5.00	200.00
									Total	**1704.00**

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 348.80

g. Total cost for the assessment in Rs. 3488.00

2. Assessment

a. Title of Technology Assessed : Nutrient management in Bitter gourd

b. No. of Trials : 10

c Problem Definition : Imbalanced nutrient application results in poor keeping quality and yield loss

d Production system and thematic area : Irrigated (paddy fallows)

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)	FYM 1.5-2 t/ha, DAP 25 kg/ha as basal dose, urea 50 kg/ha as top dressing, applying of burnt soil before planting.	1.0	-	-	Yield and quality	-	NIL			
2	FYM 18 t/ha, NPK 63:50:0 kg/ha	1.0	2001	UAS(B)	Yield and quality	-	Urea	78.00	5.3	412.00
							Rock phosphate	100.00	4.8	480.00
							Murate of potash	-	5.00	-
									Total	**892.00**
3	FYM 20 t/ha, NPK 70:25:25 kg/ha in two splits	1.0	2009	RARS, Pilicode, Kasargod, (K. A .U.)	Yield and quality	-	Urea	151.00	5.3	800.00
							Rock phosphate	200.00	4.8	960.00
							Murate of potash	42.00	5.00	210.00
									Total	**1970.00**

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 286.20

g. Total cost for the assessment in Rs. 2862.00

Plant protection

3. Assessment

a. Title of Technology Assessed : Management of yellow vein mosaic in bhendi

b. No. of Trials : 15

c Problem Definition : Improper management of pest results in yield loss

d Production system and thematic area : Irrigated & pest 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)		0.75	-	-	Pest incidence and Yield	-	NIL			
2	Spraying of Imidacloprid 17.8 SL @ 0.5 ml/lit.	0.75	2001	UAS(B)	Pest incidence Yield	-	Imidacloprid 17.8 SL	1.5 lit	1000	1500.00
Total										**1500.00**
3	Sanitation Seed treatment with Imidacloprid 60 FS @ 5 ml/kg of seed. Spraying of Imidacloprid 17.8 SL @ 0.5 ml/lit	0.75	2007	UAS (D)	Yield and quality	-	Imidacloprid 60 FS	45 ml	1000.00	750.00
							Imidacloprid 17.8 SL	1.5 lit	1000.00	1500.00
Total										**3750.00**

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 375.00

g. Total cost for the assessment in Rs. 3750.00

4. Assessment

a. Title of Technology Assessed : Management of slugs and inflorescence caterpillar in Arecanut

b. No. of Trials : 10

c Problem Definition : Inflorescence caterpillar is emerging as potential pest in coastal and causing nearly 30 -40 per cent damage to the crop.

d Production system and thematic area : Perennial sole crops and IPM

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)	**Spraying of Boardeuax mixture**	1.0	-	-	Yield and quality	-	NIL			
2	**Malathion 50 EC (2.5 ml/ lt. of water)Control slugs, which predispose inflorescence to the attack of caterpillar, by using poison bait(10 kg rice bran+2 kg jaggery+100 gm methomyl)**	1.0	2001	**[KAU, Kerala]**	Yield and quality	-	**Malathion 50 EC 10 kg rice bran+2 kg jaggery+100 gm**	10 lit.	-	**6800.00**
Total										

3	**Spraying of Quinolphos 2 ml/lt. of water (Slugs management) (10 kg rice bran+2 kg jaggery+100 gm methomyl)**	1.0	2007	**[UAS,B]**	Yield and quality	-	**Quinolphos 25 EC 10 kg rice bran+2 kg jaggery+100 gm methomyl**	10 lit.	-	**5800.00**
Total										**12600.0**

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 1260.00

g. Total cost for the assessment in Rs. 12600.00

Fisheries

5. Assessment

a. Title of Technology Assessed : Polyculture of fish with different stocking densities (80:20 Pond fish farming)

b. No. of Trials : 5

c Problem Definition : 1. Slow growth and prolific breeding in common carp

2. Least consumer preference

d Production system and thematic area : Natural/ constructed ponds, Selection of fish species, stocking density and ratio

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)	* Stocking of one/two species of fish * Fertilization and feeding Less than recommended	0.3	-	-	Growth and survival	-	NIL			
2	Stocking recommended species (Catla:Rohu:Common carp, 4:3:3) Stocking-5000/ha. –	0.3	2001	UAS(B)	Growth and survival	-	Fish seed	500	1.00	500.00
							Ground nut oilcake	25	30.00	750.00
							Rice bran	25	15.00	375.00

	Feeding with 2% B.W.									
Total										**1625.00**
3	Stocking of catla, rohu and silver carp @ 4:4:2 Stocking-5000/ha. Feeding with 2% B.W.	0.3	2009	American soybean Association	Growth and survival	-	Fish seed	500	1.00	500.00
							Ground nut oilcake	25	30.00	750.00
							Rice bran	25	15.00	375.00
									Total	1625.00

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 3250.00
g. Total cost for the assessment in Rs. 16250.00

Poultry

6. Assessment

a. Title of Technology Assessed : Adoptability of Japanese quails *(Coturnix japonica)* for backyard rearing

b. No. of Trials : 06

c Problem Definition : 1. Low income from rearing of native foul

d Production system and thematic area : Backyard poultry, Nutritional and economic security

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)	Rearing of native foul	-	-	Farmers	Growth, Survival	-	NIL			
2	Rearing of Giriraja/Swarnadhara poultry birds	-	-	KVAFSU, Bidar	Growth and survival	-	-	-	-	-
3	Rearing of Japanese quails	-	-	KVAFSU, Bidar	Growth, survival and	-	Japanese quails	150	5.00	750.00

					adoptability		Cage	3	3000.00	9000.00
									Total	**19500.00**

If not known or not sure please specify. Before stating so please search through literature / seek help from respective Directorate of Extension

f. Cost per trial in Rs. 3250.00

g. Total cost for the assessment in Rs. 9750.00

Refinement **:Nil**

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.Refineemnt 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 demonstrations	Critical inputs to be provided per demonstrations		Total cost for all demonstrations
			District average	Potential	Farmers							Name & Quantity (kg/ha) or number/unit	Cost (Rs./ha) or Rs./unit	
Oilseeds														
Sesamum Navile-1	Lack of residual moisture utilization	Introduction of crop	3 Qtl	5 Qtl	2 Qtl	Production technology of HYV Navile-1	UAS, B		FP	10	25	Seed - 4 kg@45/kg Urea -85 kg@5.6/kg Phosphorus - 120 kg@ 4.84/kg MOP-45kg @5.3/kg	1476.00	14760.00
Pulses														
Blackgram Variety: LBG-625	Lack of residual moisture utilization	Residual moisture utilizat	5 Qtl	8 Qtl	3 Qtl	Production technology of Black gram	UAS, B		FP	05	12	Seeds - 20 kg@45/kg Urea -55 kg@5.6/kg Phosphorus -	3516.00	17835.00

		ion										278 kg@4.84/kg MOP-42 kg@5.3/kg Rhizobium - 0.5 kg@100/kg		

Cereals & millets														
Paddy	Improper rient, Pest and disease management	Scientific method of paddy cultivation	16-18 q./ha	50-60 q./ha	25-30 q./ha	ICM in paddy	UAS B	2000	FP	5 ha	12	Urea-130 kg@5.6 /kg RP 150 kg@4.8/kg MOP,75 kg @5.3/kg ZnSO4 20kg@48/kg PSB 2 kg@150/kg Azatobacter 1 kg@100/kg	3706.00	18530.00
Paddy	Lack of skilled labours	Mechanization in paddy cultivation	16-18 q./ha	50-60 q./ha	25-30 q./ha	Mechanical transplanting of paddy	UAS B	2000	FP	5 ha	13	Transplanter hiring charge @1500/Hr (4 hrs for one ha) Kono weeder 1/ha@ 2000/unit Rose head can1/ha @ 1000/unit PP chemicals 500/ha Harvester hiring charges@2000/hr (3 hr /ha) Total	6000.00 2000.00 1000.00 500.00 6000.00 15500	77500.00
Paddy	Improper Nutrient, management	STCR approach	16-18 q./ha	50-60 q./ha	25-30 q./ha	INM through STCR approach	UAS B	2000	FP	5 ha	12	Urea-130 kg@5.6 /kg RP 150 kg@4.8/kg MOP,75 kg @5.3/kg PSB 2 kg @150/kg PP chemicals-500/ha	2652.00	13260.00
Paddy	Water Management	Water stress management	16-18 q./ha	50-60 q./ha	25-30 q./ha	SRI method of paddy cultivation	UAS B	2003	-	5 ha	12	Urea-130 kg@5.6 /kg RP 150 kg@4.8/kg MOP,75 kg @5.3/kg PSB 2 kg @150/kg PP chemicals-500/ha	2652.00	13260.00

Vegetables														
Ashgourd	Poor nutrient managem ent	Nutrient manage ment	150-180	280	150	Nutrient management in ash gourd	UAS B	-	Local	2.0	10	Urea-110 kg @5.6 /kg RP 200 kg@4.8/kg MOP 120 kg @5.3/kg PSB 2 kg @150/kg PP chemicals-500/ha	2220.00	4440.00
Sunflower														
Flowers														
Ornamental														
Anthrurium														
Fruit														
Mango														
Banana	Poor crop managem ent practices	Nutrient, pest and disease managem ent	210.0	320.0	210.0	Integrated crop management in banana	UAS (B)	2001	Putta bale	2.0	5	Urea-315 kg@5.6 /kg RP 340 kg@4.8/kg MOP,300 kg @5.3/kg Chloropyriphos5 ltr @Rs200/ltr Total	1764.00 1646.00 1590.00 1000.00 6000.00	12000.00
													Total	**12000.00**
Water melon						Integrated crop management in water melon				2.0	5	Urea-220 kg@5.6 /kg RP 350 kg@4.8/kg MOP, 50 kg @5.3/kg Carbendazim 1.5 kg/ha.@ Rs. 800/kg Ridomil MZ 1.5 kg/ha.@ Rs. 750/kg. Acephate 700g/ha.@ Rs. 500/kg.	**1232.00** **1680.00** **265.00** **1200.00** **1125.00** **350.00**	**11704.00**

												Total	**5852.00**	**11704.00**
Cotton														
Other Fibre crops														
Commercial														
Sugarcane														
Medicinal and aromatic														
Plantation crops														
Coconut														
Arecanut	Lack of Knowledge on Root grub management	IPM in Arecanut	15 q.	20q.	12 -15 q.	Root grub management in arecanut	UAS (B)	-	FP	2.0	05	Imidacloprid 17.8SL : 2 litres/ha @Rs.2000/litre	**4000.00**	**8000.00**
	Diback disease	Disease management	15 q.	20q.	12 -15 q.	Diback disease management	CPCRI Kasaragodu	-	-	4	10	Zineb 5.5kg/ha.	2200	8800.00
												Dimethoate 3 ltrs/ha.	990	3960.00
													Total	**12760.00**

Jasmine	Lack of knowledge on ICM technologies in Jasmine	ICM in Jasmine	1.6 kg / plant	4 kg /plant	1.6 kg / plant	ICM in Jasmine	UAS B	-	-	0.4	10	Urea-471 kg/acre@5.6 /kg RP 2140 kg/acre@4.8/kg MOP 715 kg/acre @5.3/kg Monocrotophos 1.2 ltr/acre @Rs450/ltr Carbedizim3.6 kg @Rs.800kg	Rs. 17740.0/ acre	**177440**
Fodder crops														
Fisheries	Lack of knowledge on utilization of clay pits for fish culture	Clay pits	1275 Kg./ha	2000-3000 Kg./ha.	1500 kg/ha.	Utilization of clay pits for fish culture	UAS, Bangalore	2001	Fish culture in farm ponds/storage tanks	2.50	05	Fish seed-1000	**1500.00**	**7500.00**
	Lack of knowledge on culture of fish and prawn in polyculture system	Polyculture of fish and prawn	Fish 1275 Kg./ha Prawn 100 kg/ha.	Fish 2000-3000 Kg./ha. Prawn 300 kg/ha.	Fish 1500 kg/ha. 150 kg/ha.	Polyculture of fish and prawn	UAS, Bangalore	2001	Fish culture in farm ponds/ storage tanks	0.4	04	Fish seed-300	150.00	600.00
												Prawn - 1000	2000.00	8000.00
												GOC-25kg.	750.00	3000.00
												Rice brain-25 kg.	375.00	1500.00
												Total	**3275.00**	**13100.00**
Fisheries	Lack of awareness on polyculture of carps and catfish	polyculture of carps and catfish	1275 Kg./ha	2000-3000 Kg./ha.	1500 kg/ha.	Culture of cat fish with carps under poly culture system	UAS Bangalore	2001	Fish culture in farm ponds/ storage tanks	0.4	04	Fish seed: 500	1000.00	4000.00
												Ground nut oil cake – 25 kg @ Rs.	750.00	3000.00

												30/kg		
												Rice bran – 25 kg@ Rs. 15/kg.	375.00	1500.00
												Total	**2125.00**	**8500.00**
Fisheries	Non Utilization of weed infested tank for fish culture	Weed infested tank	1275 Kg./ha	2000-3000 Kg./ha.	1500 kg/ha.	Utilization of weed infested farm ponds/tanks for poly culture of fish	UAS Bangalore	2001	Fish culture in farm ponds/storage tanks	0.4	04	Fish seed: 500	500.00	2000.00
												Ground nut oil cake – 25 kg @ Rs. 30/kg	750.00	3000.00
												Rice bran – 25 kg@ Rs. 15/kg.	375.00	1500.00
												Total	**1625.00**	**6500.00**
Fisheries	Lack of awareness on culture high yielding pungassius fish in shallow seasional water bodies	High yielding fish species	1275 Kg./ha	2000-3000 Kg./ha.	1500 kg/ha.	Culture of pungassius fish in shallow seasional water bodies	UAS Bangalore	2001	Fish culture in farm ponds/storage tanks	0.5	05	Fish seed: 500	1500.00	7500.00
												Ground nut oil cake – 25 kg @ Rs. 30/kg	750.00	3750.00
												Rice bran – 25 kg@ Rs. 15/kg.	375.00	1875.00
												Total	**2625.00**	**13125.00**
Fisheries	Lack of knowledge on utilization of pig waste for fish culture	Recycling of waste	1275 Kg./ha	2000-3000 Kg./ha.	1500 kg/ha.	Integration of fish and pig farming	UAS Bangalore	2001	Fish culture in farm ponds/storage tanks	0.3	03	Fish seed: 500	500.00	1500.00
												Piglets-3	4500.00	13500.00

												Total	**5000.00**	**15000.00**
Dairy														
Fodder crop	Feeding imbalanced diet, high cost of concentrate and mineral deficiency	Supplementation of azolla as protein source	1.5 l/cow/day	4.0-5.0 l/cow/day	2.0 l/cow/day	Azollaan alternative protein source in dairy animals	UAS Bangalore	-	-	-	10	Plastic sheet cover 10 No.	1000/-	10000.00
Fodder crop	Feeding imbalanced diet	Introduction of new fodder crop	-	-	-	Cultivation of CO-4 fodder	TNAU	-	-	0.5 ha	20	Fodder slips	250.00	5000.00
Sheep														
Goat														
Poultry	Non availability of swarnadhara chicks for back yard rearing in rural areas.	Backyard poultry	-	-		Rearing of swrnadhara poultry birds using locally available ingredients	KVAFSU	2005	Local poultry birds	-	20	Chicks-400	15.00	6000.00
												Vaccine	500.00	500.00
												Feed – 10 bags	990.00	9900.00
												Total	**2440.00**	**16400.00**
Piggery														
Rabbitry														

Duckery														
Common carps														
Mussels														
Ornamental fishes														
Oyster mushroom														
Button mushroom														
Vermicompost														
Sericulture														
Apiculture														
Implements														

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 transferred
Paddy	Lack of awareness on recent advances in paddy cultivation	Pest and disease management, Nutrient management, Water management	SRI method of paddy cultivation, ICM in paddy, INM in paddy,	05	Water, Nutrients, pest and disease management techniques

Fisheries	Lack of awareness on integrated fish farming	Integrated farming system	Integrated fish farming with piggery, Dairy, Poultry, Agriculture & Horticulture crop	02	Utilization of waste generated from Agriculture and allied activities
	Lack of awareness on culture of catfish with carps	Polyculture of catfish and carp	Culture of cat fish in polyculture system along with crops	02	Cultivation of cat fish with carps
	Lack of knowledge on recent advances in composite fish culture	Recent advances in fish culture	Recent advances in composite fish culture	02	Stocking ratio, fish species to be stocked and feeding practice
	Lack of knowledge on utilization of clay pits for fish culture	Fish culture in clay pits	Utilization of clay pits for fish culture	02	Reshaping of clay pits, Fertilization and stocking
	Lack of knowledge on culture of fresh water prawn with carps	Polyculture of fish and prawn	Culture of fresh water prawn in polyculture system with carps	02	Preparation of ponds, fish species to be stocked & feeding
	Lack of awareness on culture of pungasius in fish in shallow seasonal water bodies	Fast going pungasius species culture	Culture of pungasius in shallow seasonal water bodies	02	Preparation of ponds, fish species to be stocked & feeding
	Lack of knowledge on fabrication of aquarium	Aquarium fabrication	Aquarium fabrication & maintenance	02	Use of different verities and thickness of glass and techniques of aquarium fabrication
	Lack of awareness on preparation of value added products from fish and prawn	Value addition	Preparation of value added products from fish, prawn and crabs	02	Preparation of fish/crabs cutlets and prawn pickle
Poultry	Lack of awareness on rearing of swarnadhara poultry birds in backyards	Swarnadhara poultry rearing	Rearing of swarnadhara poultry birds in backyards	02	Information on vaccination and its timings and feeding by locally available ingredients
Cashew	Lack of knowledge on preparation of value added products	Value addition	Demonstration on preparation of value added products from cashew apple	04	Preparation method
Fruits	Lack of knowledge on preparation of value added products	Value addition	Demonstration of value added products from Fruits	10	Method demonstration on preparation of value added products from fruits

* Training title should specify the major technology/skill to be transferred.

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

Ornamental fish	Lack of knowledge on Ornamental fish breading	Production of ornamental fish	Aquarium fabrication, maintenance and production ornamental fish	02	Aquarium fabrication & Ornamental fish breading

* Training title should specify the major technology/skill to be transferred.

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
Baby Foods	Poor nutrition	Department of Women and child development	Demonstration on preparation of Baby Foods	2	Packaging

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

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
Integrated farming system	Integrated farming system	Integrated farming system	2(10)	Seed treatments Transplanting methods Harvesting
High value Horticulture crops	Green house cultivation	Cultivation of High value Horticulture Crops under Green House	1(7)	Green house construction, nutrient management, irrigation system etc.
Nursery management	Propagation techniques	Propagation techniques in Horticulture crops	1(7)	Grafting, budding, layering techniques, nursery raising
Ornamental Fish	Production of ornamental fish	Aquarium fabrication, maintenance and production of ornamental fish seeds	2(3)	Aquarium fabrication, Ornamental fish production

* Training title should specify the major technology/skill to be transferred.

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
		-Nil-				

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

7. Extension programmes planned for 2011-12

Month	Block & village	Extension activity*	Its relation to KVK activities (Tables 2 to 6)**	Expected category of participants	Remarks
1	2	3	4	5	6
May	Nidpalli, Ajjawara	• Method demonstration • Field visits	• FLD • Training programmes	Farmers/Farm women	-
June July	Ajjawara, Panaje	• Method demonstration • Campaign • Field visits • Seminar	• FLD/OFT • Training programmes	Farmers/Farm women/Rural youth	-
August September	Belthangady, Kajoor, Kanyadi	• Method demonstration • Campaign • Field visits	• FLD/OFT • Training programmes	Farmers/Farm women/Rural youth	-
October	Puttige, Meremajal	• Method demonstration • Field visits • Field Days	• FLD/OFT • World Food Day • Training programmes	Farmers/Farm women	-
November December	Kumbra, Puttige,	• Field Days • Field visits • Exhibition • Krishimela	• FLD/OFT • Training programmes • Farmers Day • Women in Agriculture Day	Farmers/Farm women	-
January, February March	Puttige, Meremajal	• Field Days • Field visits	• Training programmes	Farmers/Farm women	-

** Field day, farmers conventions, group meetings, seminars, Krishi Mela, farmers tours, field visits, method demonstrations, exhibitions, campaign, others (please specify).*
Seminars on capacity building of farmers on issues related to WTO, Agricultural Marketing, Agri-business Management shall be emphasized.
*** Specify the FLD/OFT/training programmes/important occasions, under which the extension activity is to be conducted.*

8. 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	Folders	Baby foods and its importance
		Value added products from pineapple
2	Technical bulletin	Supplementary foods for children
Sl. No.	**Nature of media coverage**	**Proposed title of the programme to be telecasted/ broadcast**
3	Radio talks (7 No.)	Baby foods
		Culture of catfish with carps polyculture farming system
		Culture of pungasisus in shallow seasonal water bodies
		Raring of swarnadhara poultry birds in backyards
		Bordeaux mixture preparation and spraying
		Jasmine cultivation
		Paddy cultivation in coastal zone

9. Nature of collaborative activities planned for 2011-12

Thrust area	Collaborative Organizations	Nature of activities*	No. of Activities
Food production	Dept. of Agriculture	Training programme on production of food crops	03
Horticultural production	Dept. of Horticulture	Training programme on production of horticultural produce	05
Child health	CDPO	Training programme on Child nutrition	01
Ornamental fish production	MPEDA	Training programme on breeding and rearing of ornamental fish	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 Nmbers/)	Proposed receipts during 2011-12 (Rs.in Lakh)
0.60987	1.03723	1.32291	0.89555	1.5	• Paddy	50 Qtl	2.5

					seed production • Coconut seedling production • Jasmine plant production • Ornamental fish • Fish seeds rearing	1000 10000 1000 10000	

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

Opening stock position of materials* as on 01.04.2010 (Tonnes / Lakh Nmbers/)	Quantity produced during 2010-11 (Tonnes / Lakh Nmbers/)	Quantity sold during 2010-11 (Tonnes / Lakh Nmbers/)	Closing stock position as on 31.01.2011 (Tonnes / Lakh Nmbers/)	Expected production during 2011-12 (Tonnes / Lakh Nmbers/)	Expected number of farmers to be benefited
-	7081 kgs	5575 kgs	1506 kgs	5000 kgs	70

** Product may include seeds, planting material, bio agents/fertilizer, livestock and fingerlings etc.*

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)
4	160 sq.mtr	Bore well	-	Ornamental brood stock management and fish seed rearing	4 Nos. 40 Sq. m each	10000	5000.00

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 (No.)
	Production and supply of Jasmine plants sapling	**Farmers**	**1000**

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)
-	-Nil-	-	-

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

15. National Horticulture Mission (NHM) is being implemented throughout 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)
1	Production and distribution of planting materials, Bio agents to the needy farmers	Jasmine, Coconut	250	25

16. Whether SREP under ATMA is prepared and implemented functioning in your district? YES

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

Sl. No	Name of activity / Programes	No. of programmes	Crops / Enterprise	Extent of coverage*	
				No. of farmers	Area (ha)
1	**Training programmes**	**10**	**Paddy, Horticulture crops, Animal Husbandry enterprise**	**250**	**10**

*if relevant

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

1. Farmers and Scientist interaction sessions
2. Discussion meetings
3. Field visits
4. Consultancy services
5. Demonstrations
6. Training programmes
7. Seminars
8. Field days
9. Individual contacts

18. Activities of soil, water and plant testing laboratory

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) up to February 2011

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	35.00	35.00	41,78,691.00
2	**Traveling allowances**	0.50	0.50	96,782.00
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.40	2.40	1,79,872.00
B	POL, repair of vehicles, tractor and equipments	1.65	1.65	1,36,465.00
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.00	1.00	74,371.00
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.35	0.35	15,768.00
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.75	1.75	1,51,131.00
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.80	0.80	50,167.00
G	Training of extension functionaries	0.25	0.25	6,126.00
H	Maintenance of buildings	0.25	0.25	0
I	Establishment of Soil, Plant & Water Testing Laboratory	4.50	4.50	51,480.00
J	Library	0.05	0.05	4,818.00
TOTAL (A)		**48.50**	**48.50**	**49,45,671.00**

B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**	16.00	16.00	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-	-	-
4	**Library** (Purchase of assets like books & journals)	0.10	0.10	-
TOTAL (B)		**64.60**	**64.60**	**49,45,671.00**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				**49,45,671.00**

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.

S. No.	Particulars	Sanctioned	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)	3.00	-	-
B	POL, repair of vehicles, tractor and equipments	2.00	-	-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.00	-	-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1.00	-	-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	-	-	-
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	-	-	-
G	Training of extension functionaries	0.50	-	-
H	Maintenance of buildings	0.50	-	-
I	Establishment of Soil, Plant & Water Testing Laboratory	-	-	-
J	Library	0.10	-	-
TOTAL (A)		**60.10**	**-**	-

B. Non-Recurring Contingencies				
1	**Works**	2.0	-	-
2	**Equipments including SWTL & Furniture**	5.0	-	-
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	-	-	-
4	**Library** (Purchase of assets like books & journals)	0.10	-	-
TOTAL (B)			**-**	-
C. REVOLVING FUND			-	-
GRAND TOTAL (A+B+C)		**67.20**	**-**	**-**

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

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
01	Creation of web-site	-	-
02	Title of the technology module to be prepared	-	-
03	Creation and maintenance of relevant database system for KVK	-	-
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)

S. No	Activities planned during 2011-12	Remarks if any
-	**-Nil-**	**-**

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

S. No	Title of success stories	Proposed date for finalization of documentation*	Title of the case study*	Proposed date for finalization of documentation*
1	Swarnadhara Poultry birds rearing	31st May 2011	Jasmine cultivation: Boon for coastal farmers	31st May 2011

**Proposed date need to be on or before 31st May 2011*

24. Technology Week

Particulars	Details
Period of Technology Week Observed during 2010-11	01-02-2011 to 05-02-2011
Period of Technology Week planned during 2011-12	1st week of November
No. of demonstrations planned to be conducted in KVK Campus to show to the farmers during Technology Week	05
Other activities / Programmes planned in connection with Technology Week	Seminars, Farmers- Scientists Interaction meet Method Demonstration & farm visits

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	May-June 2011
Brief action plan in this regard	Creating awareness of paddy crop production with arranging campaigns.

26. Progressive Farmers List

Particulars	Details
Number of Progressive Farmers address and all details planned to be collected and documented during 2011-12*	25
Likely Date and Month of completion of this work (on or before 30th June 2011)	30th June 2011

**Fresh collection and documentation need to be done during 2011-12*

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

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
1	Introduction of poultry birds: Swarnadhara	Swarnadhara poultry birds rearing	25000.00

PROPOSAL OF FARMERS FIELD SCHOOL FOR THE YEAR 2011-12

1. Title of FFS: Popularization of Swarnadhara Poultry birds
2. Name of the village selected: Chellur village, Bantwal Taluk
3. No. of FFS participants: 20 SHG women
4. Expenditure details

Sl. No.	Particulars	Amount
1.	Poultry birds-250 @ Rs. 15.00 per bird + DD charge Rs. 50.00	3800.00
2.	Poultry birds feeder (5) @ Rs. 100 per piece	500.00
3.	Poultry birds drinker (5) @ Rs. 100 per piece	500.00
4.	Poultry feed i. Pre-Starter-50 kg ii. Starter-100 kg iii. Finisher- 300 kg	9000.00
5.	Medicine/Vaccination cost (3)	1000.00
6.	Training /Demonstration @ Rs. 35 for 20 participants for 6 sessions	4200.00
7.	FFS kit @ Rs. 200/- per kit for 20 participants	4000.00
8.	Contingency	2000.00
	Total	**25000.00**

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

-nil-

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