GENERAL INFORMATION ABOUT KVK

1. **Name and address of KVK with** : **KRISHI VIGYAN KENDRA, HANUMANAMATTI**
   Phone 08373- 253524
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   E-mail kvk_haveri@rediffmail.com

2. **Name and address of host organization with phone, fax and e-mail** : **University of Agricultural Sciences, Dharwad.** Phone :0836- 2448618, 2448612

3. **Name of the Programme Co-ordinator** : **Mr. D. S. Mallikarjunnappa Gowda**
   Phone No. 08373-253524 (O), 262531 (R)
   Mobile 9448338145

4. **Year of sanction** : 1976

5. **Year of start of activities** : 1977

6. **Major farming systems/ Enterprises** : Dry land agriculture/horticulture, sheep and goat rearing, dairy and sericulture

7. **Name of agro climatic zone** : Northern transitional zone –8

8. **Soil types** : Red (65%) & Black (35%)

9. **Annual rainfall (mm)** : 702

10. **Staff Strength**

	Programme Co-ordinator	Subject Matter Specialist	Programme Asst.	Adm. Staff	Auxiliary Staff	Supporting Staff	Total
Sanctioned	1	6	3	2	2	2	16
Filled	1	5	2	1	2	2	13

11. Details of Staff

S N.	Sanctioned posts	Name of the incumbent	Discipline	Pay scale	Date of Joining	P/ T
1.	Programme Co-ordinator	D.S. Mallikarjunappa Gowda	Prog. Co-ordinator	11950	06.10.1994	P
2.	Subject Matter Specialist	C. M. Sajjanar	Animal Science	10475	14.02.1997	P
3.	Subject Matter Specialist	S. M. Hiremath	Horticulture	11925	09.07.2002	P
4.	Subject Matter Specialist	K. B. Yadahalli	Plant Pathology	11925	03.10.2003	P
5.	Subject Matter Specialist	Vacant	Agronomy	-	-	-
6.	Subject Matter Specialist	Hanumantha Swamy B.C.	Ag. Entomology	8275	03.03.2006	P
7.	Subject Matter Specialist	Dr. Shashidhara K.K	Ag. Extension	12450	15.02.2007	T
8.	Programme Assistant	Vacant	Soil Science	-	-	-
9.	Computer programmer	K. N. Rekha	Computer Sci.	8750	02.06.2004	T
10.	Farm Manager	Mr. Chandrappa K. B.	Farm Manager	8750	08.02.2007	T
11.	Accountant/Supdtt.	Vacant	-	-	-	-
12.	Stenographer	Kallappa T. Beldar	Typist	4350	11.04.2003	P
13.	Driver cum Mechanic	Mr. Mahesh L. M	Driver cum Mechanic	3000	12.07.98	p
14.	Driver cum Mechanic	P. C. Kunbevin	Driver cum Mechanic	3300	01.07.2002	P
15.	Supporting Staff	C. V. Nelogal	Cook cum caretaker	4575	07.06.1998	P
16.	Supporting Staff	Kasimsab Belkeri	Messenger	3300	02.11.1998	P

12. Plan of Human Resource Development of KVK personnel during 2007-08

Discipline	Area of training required	Organizations/ institutions where training is offered	Approximate duration (days)
Ag .Extn. Educ.	WTO & its implications on Indian Agriculture	MANAGE/ NAARM Hydrabad	21
	Establishment & Management of Rural Internet kiosks	MANAGE/ NAARM Hydrabad	10
Ag. Engg.	Watershed Management	MANAGE/ NAARM Hydrabad	07
	Participatory Approach in Watershed management	MANAGE/ NAARM Hydrabad	07
Ag. Ento.	Biological control of insects	PDBC Bangalore	07
	Integrated pest management	IIHR Bangalore	07
Horticulture	Green house management	Horticulture Training Center Pune	05
	Plant propagation and Nursery management	Horticulture Training Center Pune	05
Plant Path.	Biological control of Diseases	PDBC Bangalore	07
	Integrated Disease management	IIHR Bangalore	07

13. Infrastructure

i) Land :

Total area (ha.)	Area cultivated (ha.)	Area occupied by buildings and roads (ha.)	Area with demonstration Units (M^2)
20	20	0.10	2000

ii) Buildings

Admn. Building			Trainees Hostel			Staff Quarters			
Plinth area	Cost	Year of constn.	Plinth Area	Cost	Year of constn.	No.	Plinth area	Cost	Year of constn.
405 Sq. m	24.63 Lakhs	1999-2000	305 Sq. m	19.21 Lakhs	2004-05	-	399.72	42.98	Under progress

iii) Vehicles

Type of vehicle	Model	Actual cost	Total Kms. Run	Present status
Tempotrax	**Judo (**2002)	4.50 lakhs	1,00,000	Good
Motor cycle	**Bajaj CT-100 (**2005)	0.40 lakhs	8619	Good
Motor cycle	**Bajaj CT-100 (**2006)	0.40 lakhs	2676	Good
Tractor and Trailer	**New Holland Ford 3230**	5.00 lakhs	1261(hrs.)	Good

iv) Equipment's and AV aids

Nature of the equipment	Year of purchase	Cost (Rs)	Present status	Source of funding
Camera with accessories	2001	19,000	Good	ICAR
Slide Projector	2001	15,500	Good	ICAR
Over head Projector	2001	19,500	Good	ICAR
Computer With accessories	2002	80,000	Good	ICAR
Digital Camera	2005	20,000	Good	ICAR
Spectrophotometer	2005	40,050	Good	ICAR
Flame Photometer	2005	32,040	Good	ICAR
pH meter	2005	8,900	Good	ICAR
Conductivity bridge	2005	9,790	Good	ICAR
Physical balance	2005	10,890	Good	ICAR
Chemical balance	2005	57,000	Good	ICAR
Water distillation Still	2005	62,444	Good	ICAR
Kjeldahl digestion and distillation (2 sets)	2005	1,42,844	Good	ICAR
Shaker	2005	47,025	Good	ICAR
Refrigerator	2005	12,285	Good	ICAR
Oven	2005	17,228	Good	ICAR
Hot plate	2005	3,046	Good	ICAR
Grinder	2005	15,635	Good	ICAR
Digital Camara	2005	19,500	Good	ICAR
Fax Machine	2005	24,900	Good	ICAR
Xerox Machine	2005	52,000	Good	ICAR
HP Computer With accessories	2006	39,216	Good	ICAR
Multi media Projector (LCD)	2006	58,488	Good	ICAR

14. Details SAC meeting conducted during 2006-07

Sl. No.	Date	Major recommendation of above SACs which are to be implemented during 2007-08
1.	18.02.06	➢ Inclusion of District Information & publicity Officer as SAC member. ➢ Submission of proposal for establishment of green house in the campus. ➢ Submission of proposal for establishment two demonstration units. ➢ Increasing production of planting materials under revolving fund. ➢ Verification of ITKs through OFT and Demonstrations to be taken up by the KVK. ➢ Establishment of Apiary units in the Campus. ➢ Preparing soil map of Haveri district indicating nutrient deficiencies. ➢ Documentation of Success stories on natural resources management. ➢ Create Awareness regarding nutrient status of Vermiwash/ Vermicompost ➢ Organize training programme on Bio diesel plants. ➢ Awareness programme on marketing of forest / medicinal & aromatic plants. ➢ Implementation of large scale demonstration for control of African snail in Betel vine in different villages.
2.	06.10.06	

PLAN OF WORK

Description of Agro-climatic Zones and Farming Situation of the District

Haveri district is agriculturally potential district. It comes under Northern Transitional zone (ZONE-8), which receives on an average 702 mm of rainfall annual, mainly during June to October. The rainfall is received with two peaks, first being in July followed by the second peak in September. Haveri district is known for its chilli and small millets cultivation. Chilli is exported to Kerala for extraction of oleoresin. Haveri, has total geographical area of 4.85 lakh ha. with cultivated area of 3.86 lakh ha., of which 72,000 ha is irrigated (13.5%). Haveri district consists of seven taluks spread over 674 villages . The soils vary from red (65%) to black (35%). Land holding pattern of the district is < 1 ha (32,719), 1-2 ha (60,095), 2-4 ha (48,885), 2-10 ha (19,613) and > 10 ha (2,649).

Table 1. Operational area details for 2007-08

Taluks/ Blocks	Major Crops & enterprises being practiced	Major problems identified	Identified Thrust Areas
1	2	3	4
Haveri Haveri Karjagi Guttal	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques.
	Sorghum	Shoot fly, Grain mould, Poor Nutrient management & use of local varieties	Promotion of recent varieties, Integrated nutrient & pest management.
	Cotton	Leaf reddening, bad boll opening & Bollworms in cotton	ICM technology
	Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
	Groundnut	Low yield & improper water management	Production technology & BBF methods.
	Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
	Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew in Chilli INM, Management of murda complex, fruit borer & Dieback.
	Onion	Low yield, purple blotch & Poor Nutrient management	INM & Management of purple blotch.
	Tomato	Fruit borer & Alternaria Leaf blight	Management of fruit borer & Alternaria Leaf blight.
	Brinjal	Brinjal shoot and fruit borer	Integrated management of shoot and fruit borer
	Banana	Rhizome weevil , panama wilt & bunchy top	Integrated pest management
	Soil	Salinity	Reclamation of Saline soils
	Soil & Water	Soil & water erosion & Depletion of ground water due to heavy exploitation	Rain water harvesting & ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area
	Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming, poultry management, Sheep management & cultivation & enrichment of fodder.

1	2	3	4
Savanur Hattimattur Savanur	Groundnut	Low yield & improper water management	INM in Oil seeds
	Greengram	Shattering & Powdery mildew	Introduction of non shattering variety & Management of Powdery mildew
	Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated management of nutrients & pests.
	Minor millets	Poor Nutrient management & use of local varieties.	Introduction of new varieties & Nutrient Management
	Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
	Tomato	Fruit borer & Alternaria Leaf blight	Integrated Management of fruit borer & Alternaria Leaf blight
	Flowers	Alternaria leaf blight of Chrysanthemum & damping off diseases	Integrated disease management & use of GR.
	Soybean	Leaf eating Caterpillar & rust.	Integrated management of pest & Diseases.
	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
	Cotton	Leaf reddening bad boll opening and Boll worms.	ICM technology
	Soil	Calcareous soils	Management of Calcareous soils
	Soil & Water	Soil & water erosion & Depletion of ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area
Shiggaon (Shiggaon Dundasi Bankapura)	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
	Cotton	Leaf reddening, bad boll opening and Boll worms.	ICM technology
	Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated pest & disease management.
	Tomato	Fruit borer & Alternaria blight.	Management of fruit borer & Alternaria blight.
	Cowpea	Poor nutrient management	Production technology.
	Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
	Soybean	Spodoptera & other Leaf eating Caterpillars.	Management of pests.
	Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
	Greengarm	Stem fly Powdery mildew & Shattering	Management of Greengram stem fly Use of non shattering HYV & IDM.
	Redgram	Pod borer & wilt	Management of Pod borer & Fusarium wilt.
	Groundnut	Leaf spot and rust	Production technology & BBF
	Paddy	Poor water management	Water Management (SRI Method)
	Soils	Problematic soils	Management of Vertiosols
	Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area

1	2	3	4
Hangal Hangal Bommanahalli Akkialur	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
	Cotton	Leaf reddening, bad boll opening and Boll worms.	ICM technology
	Mango	Fruit fly & Dieback.	Integrated pest & disease management
	Banana	Rhizome weevil , panama wilt & bunchy top	Integrated pest & disease management
	Greengarm	Stem fly Powdery mildew & Shattering	Management of Greengram stem fly Use of non shattering HYV & IDM.
	Paddy	Lack of awareness in water management	Water Management (SRI Method)
	Soybean	Leaf eating Caterpillar & rust.	Management of pest & disease.
	Redgram	Pod borer & Wilt	Management of Pod borer & Fusarium wilt.
	Sugarcane	Sett rot & wooly aphids	Management of pest & disease.
	Soils	Soil Acidity	Management of Acidic soils
	Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge
Ranebennur Ranebennur Medleri Kuppelur	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition Techniques
	Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated nutrient management & pests.
	Cotton	Leaf reddening bad boll opening & Bollworms in cotton	ICM technology
	Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
	Groundnut	Low yield & improper water management	Production technology & BBF.
	Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
	Greengarm	Stem fly Powdery mildew & Shattering	Management of Greengram stem fly Use of non shattering HYV & IDM.
	Cowpea	Poor nutrient management	Production technology
	Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
	Onion	Purple blotch, Twisting and Crinkling & Onion thrips	INM, Management of purple blotch & Twisting and Crinkling in onion.
	Garlic	Poor nutrient & weed management	Integrated crop management
	Brinjal	Brinjal shoot and fruit borer	Integrated management shoot and fruit borer
	Cole crops	Cabbage aphids, Black rot and DBM	Integrated pest & disease management
	Banana	Rhizome weevil , panama wilt & bunchy top	Integrated pest management
	Sericulture	Uzi fly & powdery mildew in mulberry	Integrated pest & disease management
	Paddy	Poor water management	Water Management (SRI Method)
	Soil	Salinity & Sodicity	Reclamation of problematic soils
	Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Scientific method of rain water harvesting & under ground water recharge
	Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.

1	2	3	4
Byadgi Byadgi Kaginele	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
	Cotton	Leaf reddening, bad boll opening & Bollworms.	ICM technology
	Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
	Groundnut	Low yield & improper water management	Production technology & BBF.
	Greengarm	Stem fly Powdery mildew & Shattering	Management of Greengram stem fly Use of non shattering HYV & IDM.
	Redgram	Pod borer & wilt	Management of Pod borer & Fusarium wilt
	Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
	Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated nutrient management
	Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew in Chilli INM, Management of murda complex, fruit borer & Dieback.
	Onion	Low yield, purple blotch & Poor Nutrient management	INM & Management of purple blotch.
	Tomato	Fruit borer & Alternaria blight	Management fruit borer & Alternaria blight
	Brinjal	Brinjal shoot and fruit borer	Integrated management shoot and fruit borer
	Cabbage	Aphids, Black rot and DBM	Integrated pest & disease management
	Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area
	Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.
Hirekerur Hirekerur Rattihalli Hansabhavi	Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
	Cotton	Leaf reddening, bad boll opening & Bollworms.	ICM technology
	Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
	Groundnut	Low yield & improper water management	Production technology & BBF.
	Redgram	Pod borer & wilt.	Management of Pod borer & Fusarium wilt.
	Finger millets	Stem borer & neck blast	Introduction of resistant variety & Stem borer management
	Brinjal	Brinjal shoot and fruit borer	Integrated management of shoot and fruit borer
	Paddy	Poor water management	Water Management (SRI Method)
	Tomato	Fruit borer & Alternaria blight	Management of fruit borer & Alternaria blight
	Soils	Soil Acidity	Management of Acidic soils
	Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area

Summary of list of thrust areas for the KVK for 2007-08

1. Popularization of small millets in rainfed crop production system.
2. Technology dissemination through production and supply of seeds, planting materials and Bio-pesticides.
3. Soil and water conservation & rain water harvesting with emphasis on ground water rechargeTurcicum leaf blight problem in Maize.
4. Powdery mildew problem in Chilli.
5. Stem fly problem in Greengram.
6. Maximization of returns in Chrysanthemum through mixed cropping.
7. Tip burn , improper nutrient management in Onion
8. Integrated farming system for rainfed ecosystem.
9. Empowerment of rural youths / Farm women through EDP activities..
10. Promotion of organic farming.
11. Popularization of production technology of mandate crops.
12. Improving the usage of biofertilizers and biopesticides.
13. Popularization of locally available feed resources for livestock.
14. Dairying – Scientific selection, Nutrition, Breeding and health.

Table 2 : Abstract of intervention proposed based on the identified problems during 2007-08

Sl. No.	Crop/ Enterprise	Identified Problem	Intervention		
			Title of OFT	Title of Training	Title of training for extension personnel
1.	Chilli	Powdery mildew	Management of Powdery Mildew of Chilli	Management of Powdery Mildew of Chilli	Management of Powdery Mildew of Chilli
2.	Maize	Turcicum leaf blight	Management of Turcicum leaf blight of Maize	Management of Turcicum leaf blight of Maize	Management of Turcicum leaf blight of Maize
3.	Greengram	Stem fly	Management of Greengram stem fly	Management of Greengram stem fly	Management of Greengram stem fly
4.	Redgram	Low yield	Alternate method of Redgram planting	Production technology in Redgram	Production technology in Redgram
5.	Maize	Low yield	Optimization of spacing	Optimization of spacing	Optimization of spacing
6.	Chrysanthemum	Lower returns	Maximization of returns in Chrysanthemum through mixed cropping	Chrysanthemum Based cropping system	Chrysanthemum Based cropping system
7.	Onion	Tip burn	Tip burn management	Tip burn , improper nutrient management	Balanced nutrient management
8.	Dairy	Low milk production	Nutritional management in buffaloes	Preparation of concentrate feed mixture with locally available material	Feeding of buffaloes on low cost ration with locally available Ingredients

Table 3: Plan of On Farming Testing for 2007-08

Thrust Area	Crop/ Enterprise	Major Problem Identified	No.of Farmers & Area affected in the operational Village	Farmers Practice & extent of yield / income loss	Recommended Practice & the extent of its Adoption	Alternate Practice Being Introduce Along with Justification	Critical inputs to be provided	
							Name & Quantity	Cost (Rs.)
1	2	3	4	5	6	7	8	9
Pest Management	Greengram	Stem fly	> 1500 farmers > 3000 ha.	Indiscriminate & ineffective use of insecticides **Loss:** 20-25%	• Spraying of Dimethoate 30 E.C. @ 1.7 ml/lit. or Phosphamidon 85 W.S.C. @ 0.5 ml /lit • < 20% Adoption	• Spraying of Thiamethoxam @ 0.3 g/lit • Neem cake	**1.** Thiamethoxam (300 g) **2.** Dimethoate(3 lit) **3.** Neem cake (1.5 q)	1500.00 750.00 750.00
Disease Management	Chilli	Powdery Mildew	> 10000 farmers > 10000 ha.	Ineffective use of fungicides like Mancozeb/ Wettable sulphur / Blitox/ Bavistin	• Spraying of Carbendazim @ 1 g/lit. or Wettable sulphur @ 3 g/lit of water • < 20% Adoption	• Spraying of Penconazole @ 1 g/lit.(Topaz)	1. Carbendazim (150 g) 2. Penconazole(1500 ml)	750.00 3000.00
Disease Management	Maize	Turcicum leaf blight	> 30000 farmers > 30000 ha.	Ineffective use of fungicides like Mancozeb / Blitox/Kavach	• Seed treatment with thiram @ 2 g/kg • Foliar spray of mancozeb @ 0.2% at 35 and 50 DAS • < 30% Adoption	• Seed treatment with *Trichoderma harzianum* @ 6 g/kg + *Azospirillum* @25 g/kg foliar spray of mancozeb @ 0.2% at 35 and 50 DAS	1. *T. harzianum* (3kg) 2. *Azospirillum (3 kg)* 3. Mancozeb (3 kg) 4. Thiram (3 kg)	750.00 750.00 675.00 825.00
Low yield	Redgram	Seedling mortality & reduction in yield	8600 ha.	Drill sowing method Spacing 60x30 cm < 30% Adoption	• Drill sowing method • Spacing 60 x30 cm • < 70% Adoption	Alternative method of planting (transplanting method, var: ASHA – ICPL – 87119, Maruti – ICPL –8863)	1. Seedlings (4350 /ha)	3000.00

1	2	3	4	5	6	7	8	9
Optimization of spacing	Maize	Seedling mortality & reduction in yield	> 8000 farmers > 10000 ha	Spacing 45x 20 cm **Loss : 25 %**	• Spacing 60 x 30 cm • 70% adoption	• Spacing 60 x 20 cm	1. Seeds 22.5kg/ha	3000.00
Maximization of returns in Chrysanthemum through mixed cropping	Chrysanthemum	Lower returns, under utilization of natural resources (land, soil moisture & applied nutrients)	>500 farmers >200 ha	Use of different locally available vegetables as a mixed crops <10 % adoption	• Sole/mono cropping • > 50% adoption	• Introduction of quick growing short durated improved vegetables [chilli (Bydagikaddi), Coriander(DWD-3), Onion (Arkakalayan), Garlic, Cluster bean (Pusanavabhar] • Bold seeded Redgram as a border crop.	1. Chilli(Bydagikaddi)500g 2. Coriander(DWD-3) 6 kg. 3. Onion 6 kg. 4. Garlic 75 kg. 5. Cluster bean 10 kg. 6. Pigeon pea 1kg	8000.00
Tip burn management	Onion	Tip burn , improper nutrient management	>500 farmers >200 ha	• Application of 100 kg DAP & 100 kg urea (64:46: 0) • No application of potash	• RDF 125 :50: 120 kg/ha • < 30% adoption	• RDF (125 :50: 120 kg/ha) • Foliar application of $ZnSo_4$ (0.5 %) • Foliar application of Potash(Multi-K @ 2%)	1. Concentrated liquid form of $ZnSo_4$ 2 lit. 2. Multi-K 5 kg.	5000.00
Nutritional management in buffaloes	Dairy	Low milk production	70 % buffaloes	Ingredients & ineffective use of feeding concerted Mixture	• Feeding of Readymade concentrated feed mixture prepared by KMF / UASD as per the BIS standers which contains grain + protein source + Building material + Mineral mixture + salt + Molases @ 2 kg / animal	• Feeding of concentrated mixture prepared at farmers premises with locally available and cheaper ingredients except molasses by hand mixing.	Concentrated feed mixture prepared by KMF/UAS, DWD @ 2 Kg/day/animal for 2 months (Total 1.2 t.)	9600.00

Table 4: Season-wise plan of Front Line Demonstrations (FLD) for 2007-08
Season : KHARIF

Crop	Yield Gap			Reasons for Yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers
	Dist. Avg. yield (q/ha)	Potential yield (q/ha)	Farmers Yield (q/ha)			Name & Quantity (Kg/ha)	Cost (Rs.)		
1	2	3	4	5	6	7	8	9	10
Groundnut	4.20	13.00	7.50	• Use of local varieties (TMV-2) • Seed treatment is not followed for Soil borne diseases • Optimum plant population is not maintained • Low fertility status of soil. • Spodoptera incidence, Tikka & Rust diseases	☞ Improved varieties (GPBD-4). ☞ Seed treatment with *Trichoderma* @ 4 g/kg. ☞ Rhizobium treatment @ 400 g/ha. ☞ $ZnSO_4$ Soil application @ 25 kg/ha. ☞ $FeSO_4$ Soil application @ 25 kg/ha. ☞ Vermicompost 1ton/ha. ☞ RDF (25 :50:25) NPK kg./ha. ☞ Gypsum application @ 500 kg/ha.(35 DAS)	Seeds (200 kg pods) *Trichoderma* (400 gm) $ZnSO_4$ (25 kg) $FeSO_4$ (25 kg)	5000 200 1000 1000	10	25
Sunflower	4.50	17.00	12	• Use of local varieties • Improper nutrient management • Bud Necrosis Incidence	☞ Sunflower hybrid (KBSH-44/MSFH-1) ☞ Azospirillum @500 g/ha. ☞ Wider spacing (60 cm X 30 cm) ☞ RDF (35 :50:35) NPK kg./ha. ☞ Boron spray @ 0.5 % ☞ $ZnSO_4$ Soil application @ 10 kg/ha.	Seeds (5 kg) Azospirillum(500g) $ZnSO_4$(10 kg)	400 200 400	10	25
Soybean	6.00	16.00	08	• Using local seeds • Improper nutrient management • Improper management of rust disease • Defoliators incidence • Spodoptera incidence	☞ High yielding varieties (JSS-335). ☞ RDF (40 :80:25) NPK kg./ha. ☞ $ZnSO_4$ –12 kg/ha ☞ Urea spray @ 2% at 50 % flowering ☞ Soil application of Biozyme @ 20 kg/ha.	Seeds (62.5 kg) $ZnSO_4$ (12 kg) Biozyme (20 kg).	1875 600 600	10	25
Sesamum	-	-	-	• Use of Local varieties • No seed treatment	☞ Improved variety (DSS-9) ☞ Rhizobium treatment @ 400 g/ha. ☞ RDF (50 :25:50) NPK kg./ha.	Seeds (2.0 kg) Rhizobium (400 g)	150 200	02	05

1	2	3	4	5	6	7	8	9	10
Red gram	2.63	12.00	07	• Use of local varieties • Imbalanced nutrient management • No $ZnSO_4$ & Sulphur application • No Seed treatment • Integrated pest management practices not followed. • Wilt	☞ Popularising Asha variety. ☞ Seeds dipping in $Cacl_2$ @ 2 % ☞ Rhizobium (400 g/ha) ☞ RDF (25 :50:20) NPK kg./ha. ☞ $ZnSO_4$ @ 15 kg/ha ☞ Bird perches (20/ha) ☞ Pheromone traps (5 traps/ha) ☞ Nipping at 50 DAS	Seeds (12 kg) $ZnSO_4$ (15 kg) Rhizobium (400 g) Pheromone traps (5 traps)	350 600 200 100 250	10	25
Greengram	1.85	11.00	6.00	• Use of local varieties • No Seed treatment • Improper nutrient management. • Aphids & Pod borer incidence • Powdery mildew • Sphingid incidence	☞ Adoption of non shattering variety S-4 ☞ Seeds dipping in $Cacl_2$ @ 2 % ☞ Rhizobium (500 g/ha) ☞ RDF (25:50) NP kg./ha. ☞ Spray of Bavistin @ 1 g/lit. or Sulphur @ 3 g/lit.	Seeds (20 kg) Rhizobium (400 g) Bavistin (500 g) Sulpur (600 g)	640 200 200 200	10	25
Blackgram	2.50	7.00	5.00	• Use of local varieties • No Seed treatment • Improper nutrient management. • Aphids & Pod borer incidence • Powdery mildew	☞ Adoption of DU-1 ☞ Seeds dipping in $Cacl_2$ @ 2 % ☞ RDF (25 :50) NP kg./ha. ☞ Rhizobium (500 g/ha) ☞ Spray of Bavistin @ 1 g/lit. or Sulphur @ 3 g/lit.	Seeds (20 kg) Rhizobium (400 g) Bavistin (500 g) Sulpur (600 g)	385 200 200 200	10	25

Season :RABI / SUMMER

Crop	Yield Gap			Reasons for Yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha)	No. of farmers
	District Average yield (q/ha)	Potential yield (q/ha)	Farmers Yield (q/ha)			Name & Quantity (Kg/ha)	Cost (Rs./ha)		
1	2	3	4	5	6	7	8	9	10
Groundnut	4.20	13.00	7.50	• Use of local varieties (TMV-2) • Seed treatment is not followed for Soil borne diseases • Optimum plant population is not maintained • Low fertility status of soil. • Spodoptera incidence, Tikka & Rust diseases	☞ Improved varieties (DH-86). ☞ Seed treatment with *Trichoderma* @4 g/kg. ☞ Rhizobium treatment @ 400 g/ha. ☞ $ZnSO_4$ Soil application @ 25 kg/ha. ☞ $FeSO_4$ Soil application @ 25 kg/ha. ☞ Vermicompost 1ton/ha. ☞ RDF (25 :50:25) NPK kg./ha. ☞ Gypsum application @ 500 kg/ha.(35DAS)	Seeds (200 kg pods) *Trichoderma* (400 gm) $ZnSO_4$ (25 kg) $FeSO_4$ (25 kg)	5000 200 1000 1000	10	25
Sunflower	4.50	17.00	12	• Use of local varieties • Improper nutrient management • Head borer Incidence • Bud Necrosis Incidence	☞ Sunflower hybrid (KBSH-44/MSFH-1) ☞ Azospirillum @500 g/ha. ☞ Wider spacing (60 cm X 30 cm) ☞ RDF (35 :50:35) NPK kg./ha. ☞ Boron spray @ 0.5 % ☞ $ZnSO_4$ Soil application @ 10 kg/ha.	Seeds (5 kg) Azospirillum (500g) $ZnSO_4$ (10 kg)	400 200 400	10	25
Cowpea	1.50	9.00	4.00	• Time of sowing • Use of local varieties • Root rot disease	☞ Early sowing ☞ Improved variety (C-152/KM-5) ☞ Seed treatment with *Trichoderma* @ 4g/Kg ☞ RDF (25:50:25) NPK kg./ha.	Seeds (30 kg) Trichoderma (120g)	900 100	05	12
Bengalgram	2.75	9.00	4.50	• Use of local varieties • Non adoption of nipping practice • Pod borer & Wilting	☞ Improved variety (Bheema) ☞ Seeds dipping $Cacl_2$ @ 2 % ☞ Nipping at 45 DAS ☞ Urea spray @ 2% ☞ RDF (10:25) NP kg./ha. ☞ Spray of NAA @ 20 PPM (35 DAS)	Seeds (62 kg)	1900	10	15

OTHER THAN OIL SEEDS AND PULSES

Crop	Yield Gap			Reasons for yield gap	Technology to be demonstrated	Critical inputs to be provided		Area (ha.)	No. of farmers
	District Average yield (q/ha.)	Potential yield (q/ha.)	Farmers yield (q/ha.)			Name & Quantity (Kg/ha)	Cost (Rs./ha)		
1	2	3	4	5	6	7	8	9	10
Little millet	5.50	17.00	11.00	• Improper nutrient management • Inferior quality of seeds	☞ Introduction of Sukshema (10 kg/ha) ☞ RDF –30:15:15 NPK kg /ha	Seeds (10 kg)	120	10	25
Foxtail millet	5.00	19.00	12.00	• Improper nutrient management • Inferior quality of seeds	☞ Introduction of HMT-100-1 (10 kg/ha) ☞ RDF –30:15:15 NPK kg /ha	Seeds (10 kg)	120	10	25
Finger millet	6.00	37.00	20.00	• Improper nutrient management • Inferior quality of seeds	☞ Introduction of DHRS-1 ☞ RDF –50:40:25 NPK kg /ha ☞ Azospirillum @500 g/ha. ☞ Transplant Method	Seeds (7.5 kg)	100	10	25
Lucerne	-	750-850	200-250	• Improper nutrient management • Improper management of pest	☞ Introduction of High yielding varieties (Anand-2 and RLS-88)	Mono crop Seeds (6kg)	10000	2	20
Fodder Cowpea	-	300	100	• Local seeds • Improper nutrient management • Improper management of pest and diseases	☞ Introduction of High yielding varieties SWADA (DFC-1)	40 kg	24000	5	20

1	2	3	4	5	6	7	8	9	10
Chilli (Green & Red)	100	200	125	• Lack of genuine seed material • Use of costly private seeds • Improper of Nutrient management • Unaware of Seed treatment with bio fertilizer • Application of major nutrients only	☞ Introduction of improved Bydagi kaddi / dual purpose University hybrids (HCH-9646)	Seeds (0.50 kg)	5000	03	10
Onion	107	250	115	• Use of local inbred cultivars. • Susceptibility of cultivars to pest and diseases • Unaware of seed treatment • Improper nutrient management (10 t FYM + DAP 100 kg /ha.)	☞ Introduction of HYV (Arka kalyan/ Agri found light red (AFLR)/ Agri found dark red (AFDR).	Seeds (10 Kg)	3000	05	10
Aster	90	125	92	• Farmers growing with traditional varieties • Unaware of economic exploitation of aster crop.	☞ Introduction of HYV (Kamini/ Phule Purple/ Phule ganesh/ Poornima etc.,) ☞ Adoption of RDF (20 t FYM + 180 : 120 : 60 NPK kg / ha.)	Seeds (04)	5000	03	08
Chrysanthemum	140	250	150	• Use of traditionally available local stem cuttings • Bad opening of flowers • Improper nutrient management (8 t FYM + 3 bag DAP/ ha.)	☞ Introduction of cuttings of improved and HYV (Colured Var:- Redgold, ,yellowgold, raja, Indira & CO-1)	Stem cuttings (145200 Nos.)	3000	05	10
Betle vine	22 L. leaves /ha.	30 L. leaves /ha	18 L. leaves /ha	• Heavy infestation of snails • Indiscriminate use of chemicals	☞ Application Metaldihyde 25 kg/ha.	Metaldihyde 25 kg/ha.	7500	05	12

Table 5: Plan for training programmes for Extension functionaries during 2007-08

Crop/ Enterprise	Title of FLD/OFT	Organisation	Discipline	Training course title	No. of courses
Greengram	Stem fly management in Greengram	KVK	Ag.Ent.	Stem fly management in Greengram	01
Redgram	Alternative method of Redgram planting	KVK	Agron.	Alternative method of Redgram planting	01
Maize	Production technology in Maize	KVK	Agron.	Production technology in Maize	01
Chilli	Powdery mildew management in Chilli	KVK	Pl.Path	Powdery mildew management in Chilli	01
Maize	Turcicum leaf blight management in Maize	KVK	Pl.Path	Turcicum leaf blight management in Maize	01
Chrysanthemum	Maximization of returns in Chrysanthemum through mixed cropping	KVK	Horticulture	Maximization of Chrysanthemum based cropping system	01
Onion	Tip burn management	KVK	Horticulture	Improper nutrient Management in Onion	01
Dairy	Nutritional management in buffaloes	KVK	Animal Science	Nutritional management in buffaloes	01

Table 6 Plan of vocational training programmes for young farmers (Rural Youth) during 2007-08

Total : 07

Crop/ Enterprise	Identified Thrust Areas	Discipline	Training title	No. of programmes	Duration (days)
Apiculture	Bee Pollination	Ag.Ent.	Role of honey bees in crop pollination	02	02
Mass production of Bio agents	Utilization of Bio agents & Bio pesticides	Pl.Path.	Mass production of Bio agents & Bio pesticides	01	15
Backyard Poultry	Unscientific Poultry management	Animal Science	Care and management of Backyard Poultry	03	7
Horticulture Nursery	Propagation technology	Hort.	Propagation methods in fruits and flowers	01	10

Table 7. Plan of training programmes for Farmers/Farm women during 2007-08

1. Agricultural Entomology **Total : 10**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Groundnut, Sunflower	Hairy Caterpillars	IPM technology	Management of Hairy Caterpillars in Groundnut & Sunflower	02
Sorghum Maize,	Stem borer, Shoot fly	IPM technology	Pest management in Maize and Sorghum	02
Brinjal, Tomato, Chilli, Onion & Cabbage	Fruit borer, Defoliators, Trips.	IPM Technology	Pest Management in Vegetables	02
Cotton	Bollworms & Sucking pests	Production technology in Bt-cotton	Production technology in Bt-cotton	02
Vermicompost	Production and application	Production technology	Production technology of Vermicompost	02

2. Agricultural Extension: **Total :06**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Public – Private Partnership	Lack of awareness about public – private partnership	Public – private partnership in extension	Opportunities in public – private partnership in Ag. extension	02
Contract farming	Lack of Entrepreneurship development in rural area	Producer-Wholesaler-Consumer relationship	Opportunities in Contract farming	02
SHG's	Marketing problems	Marketing of SHG products	Intensive marketing strategies	02

3. Animal Science **Total : 08**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Dairy	Not following hygienic milking methods	Unclean milk production	Clean and quality milk production	02
Dairy	Repeat breeding in cattle and buffaloes	Poor nutrition and manage mental problems	Methods of identifying heat in cattle and buffaloes	01
Backyard Poultry	Unscientific Poultry management	Scientific Poultry management	Care and management of Backyard Poultry	02
Sheep and Goats	Not following the scientific methods of disease control measures	Death of Sheep and Goats	Diseases of sheep and goats and their control measures	01
Fodder	Inadequate production of quality improved grass Fodder crops	Improved practices of fodder cultivation	Cultivation, preservation and enrichment of fodder	02

4. Agricultural Engineering **Total : 08**

Crop/ Enterprie	Major Problem	Identified Thrust Area	Training course title	No. of Course
Soil and Water conservation	Lack of awareness in water management in paddy	SRI method of cultivation	SRI method of cultivation by using improved implements	01
Soil and Water conservation	Soil erosion and water depletion from root zone	Scientific methods of soil and water conservation	Use of improved Agricultural Implements in dry lands	01
Soil and Water conservation	Soil erosion and water depletion from root zone	Scientific methods of soil and water conservation	Rain water harvesting technologies in watershed	02
Soil and Water conservation	Depletion of under ground water due to heavy exploitation of Ground water	Scientific methods of ground water recharge	Scientific methods of ground water recharge	02
Watershed Approach	Depletion of Soil health and water quality	Popularizing storing of run off water in grass root level in each village through strengthening of existing feeder channels and desilting of tanks	Management of natural resources in watershed area through participatory approach	02

5. Agronomy **Total :09**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Maize	Use of local varieties, poor water and nutrient management & low yield.	Production technology	Advanced production technology in Maize	02
Cotton	Imbalanced nutrient use	Nutrient Management	Integrated nutrient management in Cotton for sustained productivity	01
Groundnut Sunflower	Imbalanced nutrient management, low seed rate	Production Technology	Advanced production technology	02
Minor Millets	Lack of knowledge about crop management	Production technology	Production technology in Minor millets	02
Cowpea Greengram Blackgrm	Lower yield and productivity	Crop management	Production technology of pulses in residual moisture	01
IFS	Cropping system	Strengthening of existing farming system	Integrated Farming system	01

6. Horticulture **Total : 10**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Chilli	Production of genuine seedlings & associated production constraints	Raising of healthy seedlings & cultivation	Improved technology for healthy seedlings production	02
Vegetables	Lower productivity	Improved production technology	Production technology for vegetables	02
Flower crops (Chrysanthemum , Aster)	Lower productivity & unaware of high yielding varieties	Introduction of HYV's & Improved production technology	Introduction of HYV's & production technologies of Flower crops	02
Cole crops	Lower production	Improved production technology & ICM	Production technologies & ICM practices of Cole crops.	02
Fruit Crops	Lower production, improper Nutrient management & Drainage	Improved production technology	Integrated nutrient management in fruit crops(mango, sapota & banana).	02

7. Plant Pathology **Total :09**

Crop/ Enterprise	Major Problem	Identified Thrust Area	Training course title	No. of courses
Cotton	Black arm, Grey mildew diseases	IDM technology	Integrated disease management in cotton.	01
Sunflower	Powdery mildew, Rusts, Bud necrosis	IDM technology	Disease management in Sunflower.	01
Cabbage	Black Rot	Black rot management	Disease management in Cabbage.	01
Paddy	Blast, Sheath blight and brown spot	IDM technology	Disease management in paddy.	01
Brinjal, Tomato, Chilli, Onion	Fruit rot, Purple blotch	IDM Technology	Disease Management in Vegetables	01
Bioagents	Production, use, time and method of application	Technical Know how about bioagents	Role of Bioagents in Disease management.	01
Redgram	*Fusarium* wilt, powdery mildew and Sterility Mosaic	Chemical and Biological management	Disease Management in Redgram.	01
Groundnut	Leaf spots, Rusts, Bud necrosis, Root rot	IDM technology	Disease management in Groundnut.	01
Maize	Fungal disease management	Fungicidal treatment	Disease Management in Maize.	01

Table 8: Plan of Sponsored training programmes during 2007-08

Total : 07

Crop/ Enterprise	Identified Thrust Areas	Organization	Discipline	Training course title	No. of courses	Sponsoring Agency
Cotton	IPM technology	NGO	Ag.Ent.	IPM in cotton	02	KSDA
Fruit crops & Flower crops	Maintenance of quality & quantity of production	NGO/SHG	Pl.Path.	Disease management in fruit crops and flower crops	02	KSDA
Fruit & Flower crops	Unaware of production technology	NGO/SHG	Horticulture	Improved production technology for fruit &flower crops	02	NGO/SHG
Onion & Garlic	Improved production technology	NHRDF	Horticulture	Introduction of HYV's & its production	01	NHRDF

Table 9: Details of extension activities planned for 2007-08

Month	Block & Village	Nature of extension activity	Its relation to KVK activities	Expected participation
1	2	3	4	5
May	Kuppelur	Field visits	FLD	35
June	Kasambi	Training & field visit	OFT	20
	Kajjari	Training & field visit	OFT	25
	Jakkanayakankoppa	Training & field visit	OFT	25
	Arabagonda	Training & field visit	OFT	25
	Kattenahalli	Training & field visit	OFT	25
	Motebennur	Training & field visit	OFT	25
	Karjagi	Training & field visit	OFT	25
	Chalageri	Training & field visit	OFT	20
	Kurgunda	Training & field visit	OFT	25
	Hosaneeralagi	Training & field visit	OFT	25
	Kabanur	Training & field visit	OFT	25
	Mallur	Training & field visit	OFT	25
July	Kakol	Training & field visit	OFT	20
	Makanur	Training & field visit	OFT	20
	Chalageri	Training & field visit	OFT	20
	S. Somapure	Field visits	FLD	40
	Maidur	Group meeting	FLD	35
Aug.	Hanagal	Group meeting	OFT	20
	Bomanahalli	Campaign	Special days	100
	Shiggaon	Field visits	FLD	30
	Hansbhavi	Field visits	FLD	35
Sept.	Kodihalli	Training & field visit	OFT	30
	Rattihalli	Training & field visit	OFT	35

1	2	3	4	5
Oct.	G.Basapur	Field day	FLD	35
	Medaleri	Krishi mela	FLD	45
	Mustoor	Campaign	FLD	300
	Yelavagi	Field day	FLD	40
Nov.	Devihosur	Method demonstration	FLD	45
	Havanur	Exhibition	Important occasions	150
	Devagiri	Field visits	FLD	35
Dec.	S. Somapure	Group meeting	FLD	30
	Hanagal	Campaign	Special days	30
	Kumarapattanum	Group meeting	OFT	35
Jan.	Hirebidari	Training & field visit	OFT	35
	Dundasi	Field visit	FLD	35
	Karjigi	Farmers interaction	FLD	25
	Mantaganni	Field visit	FLD	30
Feb.	Kodihalli	Field visit	FLD	35
March	Hirebidari	Field visit	FLD	20
	Ranebennur	Field visit	FLD	25

Table 10: Details of print and electronic media coverage planned for 2007-08

Sl. No	Nature of literature/ publications and No. of Copies	Proposed title of the publication
1.	NEWS letter (2000 copies)	Krishi Vigyan Kendra, News letter
2.	Leaf lets	Home scale preservation
3.	Books	Success story of Haveri district farmers.
4.	Books	ITK of Haveri district farmers
5.	Popular articles	ICM in Tomato , Brinjal , Chilli, Maize, Coconut, Paddy, Groundnut, Sunflower, Chrysanthemum and Onion, Cotton, Fruit processing, Value addition to minor millets and soybean.
Sl. No	**Nature of Media coverage and the No. activities**	**Proposed title of the publication**
1.	Radio talk/ TV (1 No.)	Integrated Pest Management in Bengalgram
2.	Radio talk (1 No.)	Management of Tomato insect pests
3.	Radio talk (1 No.)	Bee keeping
4.	Radio talk (1 No.)	Krishi Vigyan Kendra, Activities
5.	Radio talk (1 No.)	Insect pest Management
6.	Radio talk/ TV (1 No.)	Integrated Pest Management in Greengram
7.	Radio talk(1 No.)	Management of Brinjal Insect Pests
8.	Radio talk/ TV(1 No.)	Insect Pest Management in Cotton
9.	Radio talk/ TV(1 No.)	Management of storage pests
10	Radio talk(1 No.)	Production technology for fruit crops
11	Radio talk(1 No.)	Importance of Front line demonstration
12	TV talks (10 No.)	Production technology on agronomic/horticulture crops

Table 11: Nature of collaborative activities planned for 2007-08

Thrust area	Crop/Enterprise	Collaborating Organisation	Nature of activities	No. of activities
Lack of management aspects in organic farming	Vermiculture	KSDA/KSDH/ NGO/BAIF	Campaigns ,Animal Health camps, Meeting and Training, meetings	03
Lack of Soil and Water erosion management	Soil and Water	KSDA/Dept. of Watershed	Training, meetings and campaigns	05
IPM Technology	Cotton	KSDA	Meeting, Campaigns, Training and Seminar	03
Soil Salinity and Alkalinity	Soil Health	KSDA/Dept. of Watershed	Meeting, Campaigns and Seminar	03
Panama wilt	Banana	KSDH	Training, meetings, campaigns and Seminar	02
Sutenances of yield	IFS	KSDA/Dept. of Watershed/KSDH	Training, meetings, campaigns and Seminar	05
People participation in rural development	TTC	NABARD/Rural Banks/ Lead Banks	Training, meet and match programme and campaigns	06
Processing fruits & vegetables	Fruits & vegetables	NGOs/SHGs	Training , Group meetings, and campaigns	02
Vegetable marketing	Vegetables	KSDH	Training	01
Onion & Garlic production technology	Onion & Garlic	NHRDF, Hubli	Training, Demonstration & Group meeting	02

Table 12: Financial status of Revolving Fund and the plan for its utilization

Particulars	Opening balance as on 1.4.2006	Expenditure incurred during 2006-07	Receipts during 2006-07	Closing Balance (Rs.) as on 31-03-2007	Proposed expenditure during 2007-08	Proposed receipts during 2007-08
ICAR-RF	131014	22101	41043	186000	160000	325000
Training _RF	151950	15000	10000	119150	10000	50000

Table 13: Physical status of Revolving Fund and plan for its utilization

Opening Stock Position of Materials As on 1.4.2006	Quantity produced during 2006-07	Quantity Sold during 2006-07	Closing Stock position as on 31-03-2007	Expected production during 2007-08	Expected Number of Beneficiaries
1. Planting Materials –1200 (Nos.)	1200 (Nos.)	1200 (Nos.)	500 (Nos.)	3000 Nos.	200
2. Seeds - 2000 (kg.)	2000 (Kg)	2000 (kg)	500 (kg)	25000 kg	200
3. Vermicompost – 3700 (Kg)	3700 (kg)	3700 (kg)	Nil	5000 kg.	50

Table 14 : Plan for utilization of Revolving Fund

Amount to be Invested (Rs.)	Purpose	Expected production	Approximate value of the produce
160000	**Procurement of Seeds**	**25000**	**325000**

Table 15 : Status of KVK Farm and Demonstration Units : Nil

16. Activities planned for production and supply (either buy back or directly farmer to farmer) of seeds /planting material/ Bio-agents etc., in village (other than KVK farm) so that public –private partnership is utilized.

Sl. No.	Seeds/ planting material / Bio-agent etc.,	Name of the public private partnership arranged	Quantity of output expected (Qtl)
1.	Seeds	1. Farmers to public partnership	80
		2. Farmer to farmer	100
2.	Planting materials	1. Farmer to farmer	5000 (Nos.)

17. What the extent of cultivable wasteland in your district? Are there any specific activities planned to be implemented in these wasteland by KVK during 2007-08.

Sl. No.	Name of activity	Extent of coverage	
		No.of Farmers	Area(ha).
1.	Awareness programmes for Afforestation of waste land	80	25
2	Effective Natural resource management	250	50
3	Promotion of Agri- silvi-Horticulture in waste land	150	20

18. 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.

The following training programmes were planed for 2007-08

Sl. No.	Particulars	Amount (Lakh Rs.)
1.	Training Programme on Preservation of fruits and vegetables	1.75
2.	Training programmes	0.60
	Total	**2.35**

19. Whether ATMA is functioning in your district ? YES

1. During 2007-08 planning for conducting assessment, refinement, validation and adopation of Front Line technologies and short term researchable issues through Krishi Vigyan Kendra, Hanumanamatti.

Research

Name of the enterprise/ Crop	Strategies proposed for research	Thrust area	Activity	Unit (ha.)	Cost Rs.	No. of Demonstration	Total Cost
Agricultural							
1. Maize	Increase the production of Maize	Use of low seed rate & high spacing	Demon stration	05	1000.00	10	10000.00
2. Sugarcane	Increase the production of Sugarcane	Introduction of new variety	Demon stration	04	1000.00	08	8000.00
Horticulture							
1. Chilli	Management of Murda complex in chilli	Murda complex in Chilli	Demon stration	05	1000.00	10	10000.00
2. Vegetables	Increase the production of vegetables	INM & IPM	Demon stration	04	1000.00	08	8000.00
3. Betel vine	Snail Management in betel vine	Snail problem	Demon stration	05	1000.00	10	10000.00
Integrated farming system Demonstrations							
1.IFS	Integrated farming system	Sustainable Production	Demon stration	02	15000.00	02	30000.00
Animal Husbandry							
1. Goat	Up gradation of local breed by Shiroi	Low Production	Demon stration	04	4000.00	04	16000.00
2. Backyard poultry farming	Promotion of backyard farming with improved poultry birds	Low Production	Demon stration	08	1000.00	08	8000.00

20. What type of Scientist –Farmer linkages are proposed by your KVK for 2007-08?

- **Formation of Organic Farmers Forum**
- **Live Telecast in Doordarshan**
- **Creating Technical Agents** : The technical agents will be created for further spread of technology.

21. 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
01.04.2005	**-**	**30**	**25**	**-**	**-**

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

Budget statement of expenditure for the period ending 31th march, 2007.

Rupees in Lakhs

Sl. No.	PARTICULARS		Amount Sanctioned	Amount Released	Expenditure
A. RECURRING CONTINGENCIES					
1.	**Pay & Allowances**		**24.00**	**24.00**	**24.00**
2.	**Travelling allowances**		**0.75**	**0.75**	**0.75**
3.	**Contingencies**		**2.00**	**2.00**	**1.92**
a	Stationery, telephone, postage and other expenditure on office running including library maintenance and adding of books and journals	0.70		0.70	0.70
b	POL, Repair of vehicles, tractor and equipments	0.45		0.45	0.45
c	Meals/refreshment for trainees (ceiling upto Rs. 40/day /trainee be maintained)	0.25		0.25	0.25
d	Training material (posters, charts, demonstration material including chemicals etc.)	0.10		0.10	0.10
e	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.30		0.30	0.26
f	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.15		0.15	0.13
g	Training of extension functionaries	0.05		0.05	0.03
h	Maintenance of building	0.00		0.00	0.00
i	Establishment of Soil, Plant & Water Testing Laboratory	0.00		0.00	0.00
j	Library (Purchase of Journal, News paper, and magazine)	0.00		0.00	0.00
	Total (A)		**26.75**	**26.75**	**26.67**
B. NON- RECURRING CONTINGENCIES					
1	Equipments and Furniture		1.00	1.00	1.00
	a. Computer accessories including LCD	1.00			
2	Works		42.98	42.98	42.98
	a. Staff Quarters (Second installment)	39.68			
	b. Farmers Hostel (Final Installment)	3.30			
3	Library (Purchase of assets like books and Journals, back volumes)		0.10	0.10	0.09
4	Vehicle		0.00	0.00	0.00
5	SWTL		0.00	0.00	**0.00**
	Total (B)		**44.08**	**44.08**	**44.07**
C. REVOLVING FUND			0.00	0.00	0.00
	Grand Total (A+B+C)		**70.83**	**70.83**	**70.74**

Proposed budget estimate for the year 2007-08 of KVK, Haveri

Rupees in Lakhs

Sl. No.	PARTICULARS		Proposed BE(Lakhs) 2006-07 (Rs.)	Justification
A. RECURRING CONTINGENCIES				
1	Pay & Allowances		30.00	
2	Traveling allowances		1.50	
3	Contingencies		5.25	
a	Stationery, telephone, postage and other expenditure on office running including library maintenance and adding of books and journals	1.50		
b	POL, Repair of vehicles, tractor and equipments	1.25		
c	Meals/refreshment for trainees (ceiling upto Rs. 40/day /trainee be maintained)	0.75		
d	Training material (posters, charts, demonstration material including chemicals etc.)	0.30		
e	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.50		
f	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.40		
g	Training of extension functionaries	0.25		
h	Maintenance of building	0.20		
i	Establishment of Soil, Plant & Water Testing Laboratory	0.00		
j	Library (Purchase of Journal, News paper, and magazine)	0.10		
	Total (A)		**36.75**	
B. NON- RECURRING CONTINGENCIES				
1	Works (Two Demonstration units 160 m^2	3.00	3.00	
2	Equipments and Furniture		4.00	
	a. Handycam	1.00		
	b. Seminar chairs for seminar Hall (200 Nos.)	2.00		Administrative building was constructed during 1999-2000 but we have no chairs and tables for Scientist rooms .
	c. Genrator for adminstrative building	1.00		
3	Library (Purchase of assets like books and Journals, back volumes)		0.15	
	Total (B)		**7.15**	
C. REVOLVING FUND			0.00	
	Grand Total (A+B+C)		**43.90**	