ANNUAL REPORT 2009-10

(OCTOBER 2008 TO SEPTEMBER 2009)

KRISHI VIGYAN KENDRA (HAVERI)

CONTENTS

PART I - GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail	Web Address
	Office	FAX		
Krishi Vigyan Kendra, Hanumanamatti-581 135, Tq: Ranebennur, Dist: Haveri, State: Karnataka	08373-253524	08373-253524	kvk_haveri@rediffmail.com	www.kvkhaveri.org

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail	Web Address
	Office	FAX		
University of Agricultural Sciences, Yattinaguda campus, Krishinagar, Dharwad-580005	0836-2447783	0836-2745276	vc_uasd@rediffmail.com	www.uasd.edu

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. M.V. Nagaraja	-	9448495338	mvnagaraja2007@rediffmail.com

1.4. Year of sanction: 1977

1.5. Staff Position (as on 31st August 2009)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification	Pay Scale	Basic pay	Date of joining KVK	Permanent	Category
1	Programme Coordinator	Dr. M.V. Nagaraja	PC	M	Ag. Extn. Edu.	Ph.D (Ag.Extn.Edu.)	12000-16500	17460	01.08.07	Permanent	Others
2	SMS	Dr. K.B. Yadahalli	SMS	M	Plant Pathology	Ph.D (Plant pathology)	12000-16500	14100	03.10.03	Permanent	OBC
3	SMS	Dr.S.M. Hiremath	SMS	M	Horticulture	Ph.D (Horticultur)	8000-13500	12600	09.07.02	Permanent	Others
4	SMS	Dr. B.C. Hanumantha Swamy	SMS	M	Ag. Entomology	Ph.D (Entomology)	8000-13500	9925	03.03.06	Permanent	OBC
5	SMS	Dr. T.M. Soumya	SMS	F	Agronomy	Ph.D (Agronomy)	8000-13500	9100	01.07.09	Permanent	OBC
6	SMS	Mrs. Geeta Kalakanavar	SMS	F	Home Science	M.Sc. (Home Science Extension)	8000-13500	8000	01.07.09	Permanent	OBC
7	SMS	Dr. S.Y. Mukartal	SMS	F	Animal Science	M.V.Sc.	8000-13500	8000	06.07.09	Permanent	others
8	Prog. Assistant (Lab Tech.)/T-4	Mr. Mallikarjun A. Gaddanakeri	Prog.Asst. Soil Science)	M	Soil Science	M.Sc. (Pathology)	5500-9000	5500	26.02.09	Permanent	OBC
9	Prog. Assistant (Computer)/ T-4	Ms. Rekha K.N.	Prog. Asstt.	F	Computer Science	M.Sc. (I.T)	5500-9000	5500	12.11.09	Permanent	OBC
10	Farm Manager	Ms. Sairabanu Muganur	Prog. Asstt	F	Farm Manager	B.Sc. (Agriculture)	5500-9000	5500	02.07.09.	Permanent	OBC
11	Assistant	Mr. V.S. Kalakai,	Superintendent (General)	M	Superintendent (General)		10800-25000	13700	07.01.09	Permanent	others
12	Jr. Stenographer	Mr. C. R. Arkachari	Sr. Asst.	M	Senior Assistant		10000-18500	11400	08.09.08	Permanent	OBC
13	Driver	Mr. Mahesh L.M.	Driver	M	Driver		5800-10500	6125	12.07.06	Permanent	Others
14	Driver	Mr. P.C. Kunbevin	Driver	M	Driver		5800-10500	9500	07.06.98	Permanent	OBC
15	Supporting staff	Mr. K.B. Belakeri	Supporting staff	M	Supporting staff		5200-8200	6650	02.11.98	Permanent	OBC
16	Supporting staff	Mr. C. V. Nelogal	Supporting staff	M	Supporting staff		5200-8200	6650	01.07.02	Permanent	Others

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.1
2.	Under Demonstration Units	-
3.	Under Crops	20
4.	Orchard/Agro-forestry	0.1
5.	Others	-

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1999	400	27.93	-	-	-
2.	Farmers Hostel		2004	305	22.63	-	-	-
3.	Staff Quarters		2007	399	39.68	-	-	-
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1.							
	2							
5	Fencing							
6	Rain Water harvesting system	ICAR	2009		9.98	-	-	-
7	Threshing floor							
8	Farm godown							
9								

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tempo trax Judo	2002	4.50	1,61,405	Under Repair
Motor cycle Bajaj CT-100	2005	0.40	12,592	Good
Tractor and Trailer New Holland Ford 3230	2005	5.00	2266	Good
Motor cycle Bajaj CT-100	2006	0.40	14640	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Camera with accessories	2001	19,000	Good
Slide Projector	2001	15,500	Good
Over head Projector	2001	19,500	Good
Computer With accessories	2002	80,000	Good
Digital Camera	2005	20,000	Good
Spectrophotometer	2005	40050	Good
Flame Photometer	2005	32040	Good
pH meter	2005	8900	Good
Conductivity bridge	2005	9790	Good
Physical balance	2005	10890	Good
Chemical balance	2005	57000	Good
Water distillation Still	2005	62444	Good
Kjeldahl digestion and distillation (2 sets)	2005	142844	Good
Shaker	2005	47025	Good
Refrigerator	2005	12285	Good
Oven	2005	17228	Good
Hot plate	2005	3046	Good
Grinder	2005	15635	Good
Xerox Machine	2005	52000	Good
T/D pneumatic planter	2006	52800	Good
Inclined plate planter (Animal drawn	2006	11000	Good
Kamadhenu Bullock drawn tractor	2006	24950	Good
Rotavator	2006	77000	Good
HP Computer With accessories	2006	39,216	Good
Multi media Projector (LCD)	2006	58,488	Good

1.8. A). Details SAC meeting conducted in 2008-09

Sl. No.	Date	No. Participants	No. of absentees	Salient Recommendations	Action taken
2	19.02.2009	20	10	Director of extension suggested to conduct locally need based technologies in farmers fields through demonstrations	Locally needbased technologies are conducted in farmers fields through demonstrations.
				Director of extension suggested to compare transplanting method (pigeon pea) with sowing and seed dibbling methods through field demonstrations	Transplanting method (Pigeonpea) with sowing and seed dibling methods through demonstrations was conducted during this kharif season in KVK Farm.
				Director of extension suggested conducting demonstration of pigeon pea: minor millets intercropping as this system is more prevalent in farming community.	Demonstration plot of intercropping (Pigeonpea with minor millet) has been takenup by ARS, Hanumanamatti in Hanamapur and Yellapur villages. KVK has taken intercropping demonstration plot in Medleri and Ankasapur in 5 ha area.
				Director of extension suggested increasing the KVKs revolving fund through more production and sale of bio-pesticides viz., Trichoderma, Pseudomonas etc.	Production of bio-insecticide has not been undertaken due to the unavailability of autoclane, fermanter and electricity. But bio-insecticides like trichoderma (2 ton), pseudomenas (1 ton) gacillus thorengensis (0.5 ton) are supplied to the farmers with the assistance of UAS, Dharwad
				Director of extension suggested to increase the production of vermicompost and horticulture crop seedlings and also to conduct seed production as Ranebennur is in frontline regarding seed production	With the available research KVK has produced redgram (BSMR-736 – 1.80, Asha 0.06, Maruthi 0.060 q) soybean (JS-335 – 1.8 q), Jowar (M35-1 – 10 q), Sunhemp (0.80 q) Pearlmillet (ICTP – 801 – 5.5q). Safflower (Annigeri-1 – 0.10 q), Greengram (Cnnmong – 0.33 g), S4 – 0.70 g, Vermicompost (20 q) and horticulture nursery seedlings, Chikku (DCH-1 : 748, DCH-2 : 287, Cricket ball : 40), Guava – 125, Currey leaf plant (Suhasini – 900), Tamarind -184, Drumstick – 150, Lemon – 75, Mango – 115, Under revolving fund GPBD – 4 groundnut seed production has been takenup

				Zonal project director suggested to mention the fertilizer dose recommendation along with the soil and water test results	Fertilizer dose recommendation along with the soil and water test results mentioned in the test report.
				Director of extension suggested to brief with statistical data regarding the changes in the trainees who took vocational training at KVK and serve as technical advisors	List of persons who took vocational training at lak and serving as technical advisor. Mr. Hemanna Barangi at. Hirehanajigi Tq. Byadagi, Vermicompost, Integrated Farming System,Kitchen gardening,Organic vegetable cultivation, **Impact :** From 20 villages, 400 Farmers are practicing vermicomposting under his technical guidance,Earning Rs. 2000/- per month by practicing kitchen gardening. Mr. B.B. Asundi at Kakol Tq. Ranebennur, Nursery, **Impact :** He has established Vijayalaxmi nursery after undergoing nursery training at KVK and earning profit. He is supplying nursery plants to different departments based on thier needs and earning Rs. 40,000/- Mr. Chandrappa Haveri, At. Hulihalli Tq. Ranebennur, Pron of vegetable nursery Impact : Supplying health tomato and chilli seedling to the farmers by practicing scientifically proven raised nursery beds. Mr. S.F. Hiragannavar, Haveri, Mr. Jayappa Birajjanavar at Benakanakonda Tq. Ranebennur Mr. Shankaranna Katenalli At. Angaragatti Tq. Byadagi, Production of vegetable nursery Impact : Helping farmers to get high yield by supplying healthy vegetable seedling grown. Mr. Hanumanatappa Dasar at Kamdod Tq. Ranebennur,

				Suggested to consider market rate on classified yields while presenting the front line results	Front line demonstration results are presented considering the market rates based on product grades
				Director of extension suggested introducing different demonstrations mostly in farmer's fields.	In the present season, frontline demonstrations and field demonstrations are conducted in the farmers field.
				Dr. Y.B. Palleda, Head, ARS, Hanumanamatti, brought to the notice of KVK Staff about the drastic decrease in the area under minor millet cultivation and change in people's food habit and also suggested to conduct every demonstration in farmers field only	
				Director of Extension suggested Sri. F.M. Durgannavar, Farm Superintendent to Collect the over all expenditure in providing irrigation facility from Tungabhadra river to ARS/KVK, Hanumanamatti.	The information on oral expenditure in providing irrigation facility from Tungabhadra river to ARS/KVK, Hanumanamatti is collected by Sri. F.M. Durgannavar, Sr. F S, ARS, Hanumanamatti.
				Hon'ble Vice chancellor suggested reserving the KVK totally for production of minor millets. Zonal Project director told to give priority for minor millet production	Minor millets viz., Save (Sukshema) Navane (HMT-100-1) are sown during present Kharif season in KVK farm. Information on production and importance of millets is given in all the on and off campus trainings .
				Zonal Project director suggested preparing a project on information communication technology (ICT),	A project on information Communication Technology (ICT) is in the process. The information is collected through Kiosk internet and information bulletins
				Deputy Director Horticulture, Haveri suggested to conducted demonstrations on Kakada Jasmine, local varieties growing in Savanur taluka	Front line demonstration on increase of Kakada yield through fertilizer spray is taken up during this season in 10 ha area.

PART II - DETAILS OF DISTRICT

2.1 Major farming systems/enterprises

S. No	Farming system/enterprise
1	Maize, Cotton, Minor millets, Sorghum, Groundnut, Sunflower, Soybean, Greengram, Horticulture crops , Animal husbandry, Integrated farming system, Agri-silivi-horti-pasture etc.,

2.2 Description of Agro-climatic Zone & major agro ecological situations

S. No	Agro-climatic Zone	Characteristics
1.	Northern Transitional zone (Zone-8) & Hilly zone (Zone 9)	• 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%). • Receives on an average 702 mm of rainfall annually mainly during June to October. The rainfall received with two peaks (July & September). • 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).

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1	Red soil	Sandy soil with high infiltration rate	2.53 lakh
2	Black soil	Medium to deep black soil	1.33 lakh

2.4. Area, Production and Productivity of major crops cultivated in the district

Sl. No.	Crop	Area (ha)	Production (Metric tons)	Productivity (kg/ha)
1	Maize (I) (R)	21900 118425	6882 33144	3140 2800
2	Rice (I) (R)	18100 13100	6698 3930	3700 3000
3	Jowar (I) (R)	1700 55700	401 7511	2360 1350
4	Minor millets (I) (R)	- 10000	- 200	- 200
5	Cotton (I) (R)	8500 68095	1700 6314.3	2000 930
6	Sunflower (I) (R)	8000 22400	770 1584	960 710
7	Groundnut (I) (R)	10500 14200	2625 1704	2500 1200
8	Soybean (I) (R)	- 17500	- 2800	- 1600
9	Bengalgram (I) (R)	500 3000	35 90	700 300

Cotton production in bales of 170 kg lint, Source: Department of Agriculture, Haveri

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
October	35.20	31.52	19.68	66.09
November	21.20	30.41	16.52	61.53
December	-	30.6	14.90	60.45
January	-	31.2	14.30	47.02
February	-	34.2	16.60	46.95
March	22.80	35.63	19.79	56.54
April	6.0	36.43	22.52	60.35
May	41.2	35.60	22.30	64.05
June	23.0	31.70	21.50	74.50
July	55.6	26.73	21.32	88.11
August	47.2	28.95	20.99	84.47
September				

Agriculture Research Station , Hanumanamatti

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred	56747	24000 tones	5.63 kg milk
Indigenous	235402	26000 tones	2.1 kg milk
Buffalo	113847	32000 tones	Meat 95 kg/animal 2.5 kg /animal/day
Sheep			
Crossbred	282	287 tones	Meat 14.63 kg/animal
Indigenous	317902		
Goats	150650	158 tones	Meat 14.24 kg/animal
Pigs			Meat 62.5 kg/animal
Crossbred	-	-	
Indigenous	6827	2 tones	
Rabbits	250		
Poultry			
Hens	698296	Eggs 436 lakh Meat 247 tones	Egg 238 /bird/year Egg 97 /Desi bird/year
Desi		-	
Improved			
Ducks			
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish	5605 ha WSA	6581.6 metric tone/ 4000ha	1.6 metric tone/ha
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

18th Live stock censes

2.6 Details of Operational area / Villages

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Haveri	Haveri Karjagi Guttal	Hosaritti Katenhalli Kurubhagound Halagi Kajargatti Basapur Havanur Marol Kanavalli Devigiri Haladakatti Tevaramalalli	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 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	oduction 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
				Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming, poultry management, Sheep management & cultivation & enrichment of fodder.
2	Savanur	Hattimattur Savanur	Madpur Baradur K.Mallapur Nadihalli Hurallikupa Tevaramalalli Hosaneralagi	Groundnut	Low yield & improper water management	INM in Oil seeds
				Greengram	Shattering & Powdery mildew	Introduction of non shattering variety & Management of Powdery mildew
				Minor millets	Poor Nutrient management & use of local varieties.	Introduction of new varieties & Nutrient Management
				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

3	**Shiggaon**	Shiggaon Dundasi Bankapura	Chikkamalur Banikoppa Surupagatti Hirebendigeri Belagali Basanalla Hattigeri Bhadrapur	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
				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.
				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
4	**Hangal**	Hangal Bommana halli Akkialur	Tiluvalli Savekeri Sheragula Balehalli	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.
				Soybean	Leaf eating Caterpillar & rust.	Management of pest & disease.
				Redgram	Pod borer & Wilt	Management of Pod borer & Fusarium wilt.

5	Ranebennu	Ranebennur Medleri Kuppelur	Kakol Makanur Kamdoda Kunbevu Ittagi Benkankodda Aladakatti Aremallapur	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 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
				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.
				Brinjal	Brinjal shoot and fruit borer	Integrated management shoot and fruit borer
				Banana	Rhizome weevil, panama wilt & bunchy top	Integrated pest management
				Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.
6	Byadgi	Byadgi Kaginele	Hireannaji Bisalahalli Chinikatto Kurudukodihalli Katenahalli Timapur Shidenur Kadaramadalagi Belekeri	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
				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
				Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.

7	Hirekerur	Hirekerur Rattihalli Hansabhavi	Hirebudihal Kunchur Dudihalli Nolageri Harikatti Somanahalli Chikkamathur Koda Chinnahalli Kudapalli	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
				Tomato	Fruit borer & Alternaria blight	Management of fruit borer & Alternaria blight

2.7 Priority thrust areas

S. No	Thrust area
1.	Powdery mildew , necrosis & Hairy caterpillar in sunflower
2.	Leaf eating caterpillar in soybean & groundnut
3.	Rhizoctonia root rot in papaya & Chilli
4.	Popularization of production technology of mandate crops
5.	Use of biofertilizers and biopesticides.
6.	Animal Disease control and prevention
7.	Hygienic milk and meat production
8.	Value addition
9.	Empowerment of rural youths / Farm women through EDP activities

PART III - TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
04	03	62	12	28	16	411	259

Training				Extension Activities			
3				4			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
150	144	4500	4374	400	357	20000	19251

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
10.00	9.921	1300	1250

Livestock (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
-	-	-	-

3.B1. Abstract of interventions undertaken based on thrust areas identified for the district as given in Sl.No.2.7

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
1.	Turcium leaf blight	Maize	Incidence of turcicum leaf blight	Suitability of Maize genotypes during Kharif season	-	02	02	0	03	0.6	-	-	12	6
2.	Rhizoctonia root rot	Papaya	Incidence of Rhizoctonia root rot disease	Management of Rhizoctonia root rot disease in Papaya	-	02	02	0	03	-	-	-	12	12
3.	Wider row spacing	Brinjal	Inconvenience in intercultivation and maintenance	Wider row spacing in brinjal	-	02	02	0	01	0.006	-	-	-	-
4.	Crop production	Groundnut	PBND	-	Popularization of Groundnut variety GPBD-4	02	02	0	04	7.2 (Pods)	-	-	10	10

5.	Crop production	Soybean	ICM	-	Popularization of Soybean variety JS-335	02	02	0	03	7.5	-	-	25	12
6.	Crop production	Sunflower	Nutrients, pest and diseases	-	Popularization of Sunflower variety KBSH-41	02	02	0	02	0.5	-	-	25	12
7.	Crop production	Redgram	Nutrients, pest and diseases	-	Popularization of Redgram variety ASHA(ICPL-87119)	02	02	0	02	1.25	-	-	25	12
8.	Crop production	Greengram	Nutrients, pest and diseases	-	Popularization of Greengram variety S-4	02	02	0	02	1.25	-	-	25	12
9.	Crop production	Blackgram	Nutrients & diseases	-	Popularization of Blackgram variety DU-1	01	01	0	01	1.25	-	-	25	12
10.	Crop production	Bengalgram	Nutrients , pest and diseases	-	Popularization of Bengalgram variety Bheema	01	01	0	01	9.25	-	-	37	15

11.	Crop production	Groundnut	PBND	-	Popularization of Groundnut variety DH-86	02	02	0	04	0.9 (Pods)	-	-	10	10
12.	Crop production	Sunflower	Nutrients, pest and diseases	-	Popularization of Sunflower variety KBSH-41	02	02	0	02	-	-	-	25	12
13.	Integrated crop management	Onion	Lower yield potential	-	Introduction of High yielding onion variety Arka kalyan	10	02	-	-	0.28	-	-	-	-
14.	Integrated crop management	Tomato	Low yield	-	Introduction of HY Tomato variety DMT-1	6	02	-	-	0.05	-	-	-	-
15.	Integrated crop management	Chilli	Lower yield potential	-	Introduction of purified chilli variety Byadagi kaddi	13	02	-	-	0.625	-	-	-	-

16.	Integrated crop management	Aster	Lower yield potential	-	Introduction of high yielding Aster variety Kamini	03	02	-	-	0.15	-	-	-	-
17.	Integrated crop management	Marigold	Low yield	-	Introduction of high yielding Marigold variety double orange	02	-	-	0.10	-	-	-	-	-
18.	Varitial evaluation	Fodder	Local variety	-	Sweet sorghum SSV-74 A potential green fodder for livestock	02	02	01	01	0.4	-	-	-	-

3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1.	Management of shoot and fruit borer	IIHR, Bangalore	Brinjal	01	-	-	-
2.	Thrips management	NRC for Onion and Garlic, Rajagurunagar	Onion	01	-	-	-
3.	Efficacy of *Verticillium lecanii* in managing sucking pests of cotton	CICR, Nagapur	Cotton	01	-	02	Group meetings (1)
4.	Assessment of onion variety Agri found dark red over Arka Kalyan	NRC for Onion and Garlic, Rajagurunagar	Onion	01	-	02	Group meetings (1)
5.	Weed Management	IIHR, Bangalore	Cabbage	01	-	-	-
6.	Assessment of crop geometry	IIHR, Bangalore	Brinjal	01	-	-	-
7.	Management of powdery mildew	UAS, Dharwad	Sunflower	01	-	-	-
8.	Management of Collar rot	UAS, Dharwad	Groundnut	01	-	02	Group meetings (1)
9.	Use of Groundnut stripper	UAS, Dharwad	Groundnut	-	01	-	-
10.	ICM	UAS, Dharwad	Little millet	-	01	02	-
11.	ICM	UAS, Dharwad	Foxtail millet	-	01	02	-
12.	Popularization of Maize hybrid Arjun	UAS, Dharwad	Maize	-	01	03	Group meetings (1)
13.	IPM in Chilli	UAS, Dharwad	Chilli	-	01	-	-
14.	Introduction of high yielding onion variety Arka kalyan	UAS, Dharwad	Onion	-	01	03	-
15.	Introduction of HYV DMT-2 in tomato	UAS, Dharwad	Tomato	-	01	02	-
16.	Popularization of purified Byadagi Kaddi / Dabbi Chilli variety	UAS, Dharwad	Dry Chilli	-	01	01	-
17.	Introduction of Aster variety (Kamini/ Phule Ganesh purple)	IIHR, Banaglore	Aster	-	01	02	-

18.	Integrated crop management in Groundnut (GPBD-4)	UAS, Dharwad	Groundnut	-	01	02	Group meeting (1) Seed treatment (1)
19.	Integrated crop management in Sunflower (KBSH-41)	UAS, Dharwad	Sunflower	-	01	02	Group meeting (1)
20.	Integrated crop management in Soybean (JS-335)	UAS, Dharwad	Soybean	-	01	02	Group meeting (1) Seed treatment (1)
21.	Integrated crop management in Sesamum(DSS-9)	UAS, Dharwad	Sesamum	-	01	01	Group meeting (1) Seed treatment (1)
22.	Integrated crop management in Summer Groundnut	UAS, Dharwad	Summer Groundnut	-	01	-	-
23.	Integrated crop management in Rabi Sunflower	UAS, Dharwad	Sunflower Rabi	-	01	-	-
24.	Integrated Pest management in Redgram	UAS, Dharwad	Redgram	-	01	02	Group meeting (1) Seed treatment (1)
25.	Integrated crop management in Green gram	UAS, Dharwad	Green gram	-	01	02	Group meeting 1 Seed treatment 2
26.	Integrated crop management in Blackgram	UAS, Dharwad	Blackgram	-	01	02	Group meeting (2) Seed treatment (2)
27.	Integrated crop management in Bengalgram (*Rabi)*	UAS, Dharwad	Bengalgram	-	01	-	-
28.	Integrated crop management in Bt-cotton	Rasi – Hybrid	Bt-cotton	-	01	02	Group meeting (2)

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	2	-	-	-	-	-	20	1	2	-	22	5	3	4
5	-	-	-	-	-	-	-	10	1	2	2	25	2	3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	1	3	1	-	-	-	-	12	2	5	1	15	5	2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	3	-	-	-	10	-	-	-	12	6	2	5
-	-	-	-	12	2	1	-	15	5	1	2	10	05	10	1
-	-	-	-	9	2	-	-	10	5	1	1	10	10	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	10	-	-	-	10	05	05	03	10	05	10	11
-	-	-	-	06	-	-	-	10	-	-	-	-	-	-	-
-	-	-	-	15	-	-	-	15	05	02	03	25	05	15	-
-	-	-	-	15	-	-	-	10	03	02	05	10	5	5	5
-	-	-	-	10	-	-	-	15	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	15	10	-	-	15	10	-	-	12	10	1	1
-	-	-	-	04	02	-	-	10	10	-	-	20	1	1	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	10	06	05	4	10	6	5	4	-	16	2	3
-	-	-	-	19	1	5	-	20	2	5	-	25	7	2	-
-	-	-	-	14	2	3	1	15	5	5	2	20	5	6	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	29	4	6	6	30	5	10	10	40	12	-	-

PART IV - On Farm Trial

4.A1. Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oil seeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management										
Varietal Evaluation	01									01
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management						01				01
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System										
Seed / Plant production					01					01
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total	**01**				**01**	**01**				**03**

4.A2. Abstract on the number of technologies refined in respect of crops : Nil

Thematic areas	Cereals	Oil seeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	Total
Integrated Nutrient Management										
Varietal Evaluation										
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management										
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System										
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total										

4.A3. Abstract on the number of technologies assessed in respect of livestock enterprises:Nil

Thematic areas	Cattle	Poultry	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds						
Nutrition Management						
Disease of Management						
Value Addition						
Production and Management						
Feed and Fodder						
Small Scale income generating enterprises						
TOTAL						

4.A4. Abstract on the number of technologies refined in respect of livestock enterprises: Nil

Thematic areas	Cattle	Poultry	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds						
Nutrition Management						
Disease of Management						
Value Addition						
Production and Management						
Feed and Fodder						
Small Scale income generating enterprises						
TOTAL						

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Area (ha)
Integrated Nutrient Management				
Varietal Evaluation	Maize	Suitability of Maize genotypes during Kharif season	03	2.0
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management	Papaya	Rhizoctonia root rot disease in Papaya	04	0.4
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production	Brinjal	Wider row Spacing in Brinjal	05	2.0
Value addition				
Drudgery Reduction				
Storage Technique				
Mushroom cultivation				
Total			**12**	**4.4**

4.B.2. Technologies Refined under various Crops : Nil

Thematic areas	Crop	Name of the technology assessed	No. of trials	Area (ha)
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Value addition				
Drudgery Reduction				
Storage Technique				
Mushroom cultivation				
Total				

4.B.3. Technologies assessed under Livestock : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Evaluation of breeds			
Nutrition management			
Disease management			
Value addition			
Production and management			
Feed and fodder			
Small scale income generating enterprises			
Total			

4.B.4. Technologies Refined under Livestock : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Evaluation of breeds			
Nutrition management			
Disease management			
Value addition			
Production and management			
Feed and fodder			
Small scale income generating enterprises			
Total			

4.C1. Results of Technologies Assessed

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Brinjal	Rainfed	Inconvenience in intercultivation and maintenance	Wider row Spacing in Brinjal	05	Wider row Spacing in Brinjal	Enhanced Yield	Yield, Quality & maintenance	Yield, Quality & maintenance	Wider row spacing results in higher yield quality	Adoption of wider spacing (90x60 cm)	Wider row spacing helps for better growth & management practices
Maize	Rain fed	Incidence of turcicum leaf blight 05	Suitability of Maize genotypes during Kharif season	03	Suitability of Maize genotypes during Kharif season	Yield (q/ha) & Disease incidence (%)	Plant height (CM) Cob size (CM)	Yield (q/ha) & Disease incidence (%)	Higher yield & lower disease incidence	-	-
Papaya	Irrigated	Incidence of Rhizoctonia root rot disease	Rhizoctonia root rot disease in Papaya	04	Rhizoctonia root rot disease in Papaya	Yield (t/ha) & Disease incidence (%)	Fruit weight No. of fruits	Yield (t/ha)	Increase in yield & lesser disease incidence	-	-

Contd..

Technology Assessed	Production	Please give the unit	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17
Technology option 1 (Farmer's practice) Closer spacing (60 x 45 cm)	18.5	t/ha	31800	1:2.52
Technology option 2 Recommended spacing (75 x 60 cm)	20.75	t/ha	38450	1:3.4
Technology option 3 Wider Spacing (90 x 60 cm)	20.00	t/ha	37200	1:3.2
Technology option 1(Farmer's practice) Bio 9681 Pro 311 Bisco seed tech 2324	5082	Kg/ha	24615	1:1.82
Technology option 2 EH 434042 (Arjun)	5778	kg/ha	28335	1:1.89
Technology option 1 (Farmer's practice) Application of unrelated and higher doses of synthetic fungicides	53	t/ha	106500	1:1.50
Technology option 2 Drenching of Bordeaux mixture @ 2% to the soil	68	t/ha	121750	1:1.80
Technology option 3 Drenching of *Trichoderma harzianum* @ 10 gm/lit + carbendazim @ 0.2 % to the soil	82	t/ha	130750	1:2.14

4.C2. Details of each On Farm Trial to be furnished in the following format separately along with raw data as per the separate proforma provided below

1 Title of Technology Assessed : **Wider row Spacing in Brinjal**

2 Problem Definition : Inconvenience in intercultivation and maintenance

3 Details of technologies selected for assessment :

Technological Options		Details of Technology	Source of Technology
Farmer's Practice		Closer spacing (60 x 45 cm)	Farmer interaction
Technological Option 1		Recommended spacing (75 x 60 cm)	UAS, Dharwad
Technological Option 2		Wider Spacing (90 x 60 cm)	IIHR, Bangalore

4 Source of technology : IIHR, Bangalore

5 Production system and thematic area : Brinjal is mainly grown in fertile soils under irrigated conditions. Farmers are growing HYV & hybrids but the yield levels are not encouraging. Many reasons for lower yield in brinjal is adoption of closer spacing by the farmer. By adopting the closer spacing plants compete for nutrients, light and water resulting in increased vegetative growth rather than the reproductive growth causing poor aeration and increased pest and disease incidence which inturn results in flower and fruit drop which ultimately leads to decreased yield.

6 Performance of the Technology with performance indicators : Wider row spacing helps for better growth & management practices

7 Final recommendation for micro level situation : By adopting wider spacing plants grow luxuriantly resulting in better vegetative and reproductive growth due to good aeration and decreased pest and disease incidence.

8 Constraints identified and feedback for research : Nil and HYV & hybrids need wider spacing

9 Process of farmers participation and their reaction : Farmers were actively involved in implementing the above OFT treatments. Farmers opined that by adopting wider spacing plants grow luxuriantly resulting in better growth (vegetative and reproductive) due to good aeration and decreased pest and disease incidence. This technology was widely accepted by the OFT beneficiaries and brinjal growers.

1	Title of Technology Assessed	:	Suitability of Maize genotypes during Kharif season
2	Problem Definition	:	Incidence of turcicum leaf blight
3	Details of technologies selected for assessment/refinement	:	**Technology option 1:** Bio 9681 ,Pro 311, Bisco seed tech 2324 **Technology option 2:** EH 434042 (Arjun)
4	Source of technology	:	UAS, Dharwad
5	Production system and thematic area	:	Varietal Evaluation and disease reaction
6	Performance of the Technology with performance indicators	:	Higher yield and resistance to Turcicum leaf blight
7	Final recommendation for micro level situation	:	Recommended against Turcicum leaf blight incidence
8	Constraints identified and feedback for research	:	Nil
9	Process of farmers participation and their reaction	:	Performed well about yield and disease incidence

1	Title of Technology Assessed	:	Rhizoctonia root rot disease in Papaya
2	Problem Definition	:	Rhizoctonia root rot disease
3	Details of technologies selected for assessment/refinement	:	**Technology option 1** Application of unrelated and higher doses of synthetic fungicides **Technology option 2**Drenching of Bordeaux mixture @ 2% to the soil **Technology option 3** Drenching of *Trichoderma harzianum* @ 10 gm/lit + carbendazim @ 0.2 % to the soil
4	Source of technology	:	KVK intervention
5	Production system and thematic area	:	Higher production and disease management
6	Performance of the Technology with performance indicators	:	Higher fruit yield and lower disease incidence
7	Final recommendation for micro level situation	:	Drenching of *Trichoderma harzianum* @ 10 gm/lit + carbendazim @ 0.2 % to the soil
8	Constraints identified and feedback for research	:	Nil
9	Process of farmers participation and their reaction	:	Higher fruit yield and lower disease incidence

4.D1. Results of Technologies Refined : Nil

Results of On Farm Trial

Crop/ enterprise	Farming situation	**Problem definition**	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12

Contd..

Technology Refined	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17
Technology option 1 (Farmer's practice)				
Technology option 2				
Technology option 3				

4.D.2. Details of each On Farm Trial to be furnished in the following format separately as per the proforma below: Nil

1 Title of Technology Refined

2 Problem Definition

3 Details of technologies selected for assessment/refinement

4 Source of technology

5 Production system and thematic area

6 Performance of the Technology with performance indicators

7 Final recommendation for micro level situation

8 Constraints identified and feedback for research

9 Process of farmers participation and their reaction

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2008-09

Sl. No.	Category	Farming Situation	Season And Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	Oilseeds	Rainfed	Kharif 2008	Groundnut	GPBD-4	-	ICM	Varietal Evaluation	10	10	04	06	10	-
2		Rainfed	Kharif 2008	Soybean	JS-335	-	ICM	Varietal Evaluation	10	10	05	20	25	-
3		Rainfed	Kharif 2008	Sunflower	-	KBSH-41	ICM	Varietal Evaluation	10	10	09	16	25	-
4		Rainfed	Rabi 2008	Groundnut	DH-86	-	ICM	Varietal Evaluation	10	10	04	06	10	-
5		Rainfed	Rabi 2008	Sunflower	-	KBSH-41	ICM	Varietal Evaluation	10	10	06	19	25	-
1	Pulses	Rainfed	Kharif 2008	Redgram	Asha	-	ICM	Varietal Evaluation	10	10	11	14	25	-
2		Rainfed	Kharif 2008	Greengram	S-4	-	ICM	Varietal Evaluation	10	10	09	16	25	-
3		Rainfed	Kharif 2008	Blackgram	DU-1	-	ICM	Varietal Evaluation	10	10	02	23	25	-
4		Rainfed	Rabi 2008	Bengalgram	Bheema	-	ICM	Varietal Evaluation	15	15	03	22	25	-
	Cereals													

1	**Millets**	Rainfed	Kharif 2008	Little millet	Suskshema	-	ICM	Varietal Evaluation	10	10	01	24	25	-
2		Rainfed	Kharif 2008	Foxtail millet	HMT-100-1	-	ICM	Varietal Evaluation	10	10	02	23	25	-
1	**Vegetables**	Rainfed	Kharif-2008	Tomato	DMT-2	-	Popularization of Tomato HYV- DMT-2	Introduction of new hybrid tomato DMT-2	4.0	4.0	2	8	10	-
2		Rainfed	Kharif-2008	Onion	Arka kalyan	-	Popularization of Onion - Arka kalyan	Introduction & popularization of HY (Arka kalyan).	2.0	2.0	2	3	5	-
														-
1	**Flowers**	Rainfed	Kharif-2008	Aster	Kamini	-	Popularization of Aster variety Kamini	Introduction of HYV (Kamini)	2.0	2.0	1	4	5	-
2		Rainfed	Kharif-2008	Marigold	Orange double	-	Popularization of HYV marigold : Orange double	Popularization of HY and attractive coloured marigold variety – Orange double	4	4	0	10	10	-
1	**Fruit**	Rainfed	Kharif-2008	Banana	Robusta	-	Nutrient management in Banana	Bunch feeding in Banana	5.0	5.0	3	9	12	-
1	**Spices and condiments**	Rainfed	Kharif-2008	Chilli	Byadagi Kaddi	-	Popularization of Purified Byadagi Kaddi Chilli variety	Introduction of improved Byadagi Kaddi	5.0	5.0	2	8	10	-

	Medicinal and aromatic													
	Fodder													-
		Rainfed	Rabi 2008	Sorghum	SSV-74	-	Sweet Sorghum SSV-74 a potential fodder crop for livestock	Varietal Evaluation	5	5	1	11	12	-
	Plantation													
	Fibre													-
														-
	Dairy													-
														-

	Poultry													-
														-
	Rabbitry													
	Pigerry													
	Sheep and goat													
	Duckery													
	Common carps													

	Mussels													
	Vermicompost													
	Sericulture													
	Apiculture													
	Implements													
	Others (specify)													

5.A. 1. Soil fertility status of FLDs plots during 2008-09

Sl. No.	Category	Farming Situation	Season And Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil*			Previous crop grown
										N	P	K	
1	Oilseeds	Rainfed	Kharif 2008	Groundnut	GPBD-4	-	ICM	Varietal Evaluation	Kharif 2008				Cotton
2		Rainfed	Kharif 2008	Soybean	JS-335	-	ICM	Varietal Evaluation	Kharif 2008				Sorghum
3		Rainfed	Kharif 2008	Sunflower	KBSH-1	-	ICM	Varietal Evaluation	Kharif 2008				Maize
4		Rainfed	Rabi 2008	Groundnut	DH-86	-	ICM	Varietal Evaluation	Rabi 2008				Cotton, Maize, Tomato, cowpea
5		Rainfed	Rabi 2008	Sunflower	-	KBSH-41	ICM	Varietal Evaluation	Rabi 2008				Maize

1		Rainfed	Kharif 2008	Redgram	Asha	-	ICM	Varietal Evaluation	Kharif 2008				Cotton
2		Rainfed	Kharif 2008	Greengram	S-4	-	ICM	Varietal Evaluation	Kharif 2008				Sorghum
3	**Pulses**	Rainfed	Kharif 2008	Blackgram	DU-1	-	ICM	Varietal Evaluation	Kharif 2008				Sorghum
4		Rainfed	Rabi 2008	Bengalgram	Bheema	-	ICM	Varietal Evaluation	Rabi 2008				Cotton
	Cereals												
	Millets	Rainfed	Kharif 2008	Little millet	Suskshema	-	ICM	Varietal Evaluation	Kharif 2008				Sorghum
		Rainfed	Kharif 2008	Foxtail millet	HMT-100-1	-	ICM	Varietal Evaluation	Kharif 2008				Maize

1	**Vegetables**	Rainfed	Kharif-2008	Tomato	DMT-2	-	Popularization of Tomato HYV- DMT-2	➢ Introduction of new hybrid tomato DMT-2	Kharif-2008				Groundnut, Maize
2		Rainfed	Kharif-2008	Onion	Arka kalyan	-	Popularization of Onion - Arka kalyan	➢ Introduction & popularization of HYV (Arka kalyan).	Kharif-2008				Groundnut, Maize
1	**Flowers**	Rainfed	Kharif-2008	Aster	Kamini	-	Popularization of Aster variety Kamini	➢ Introduction of HYV (Kamini)	Kharif-2008				Groundnut, Maize
2		Rainfed	Kharif-2008	Marigold	Orange double	-	Popularization of HYV marigold : Orange double	➢ Popularization of HY and attractive coloured marigold variety – Orange double	Kharif-2008				Groundnut, Rabi jowar
1	**Fruit**	Rainfed	Kharif-2008	Banana	Robusta	-	Nutrient management in Banana	➢ Bunch feeding in Banana	Kharif-2008				-
1	**Spices and condiments**	Rainfed	Kharif-2008	Chilli	Byadagi Kaddi	-	Popularization of Purified Byadagi Kaddi Chilli variety	➢ Introduction of improved Byadagi Kaddi chilli	Kharif-2008				Rabi Jowar
	Commercial												
1	**Fodder**	Rainfed	Rabi 2008	Sorghum	SSV-74	-	Sweat Sorghum SSV-74 a potential fodder crop for livestock	Varietal Evaluation	Rabi 2008				Groundnut,
	Plantation												
	Fibre												

*** Status of soil samples was not analyzed**

5.B. Results of Frontline Demonstrations

5.B.1. Oilseeds:

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
							H	L	A										
Groundnut	Varietal Evaluation	GPBD-4	-	Rainfed	10	10	1 2.8	9.9	11.70	8.9	31.46	6271	29250	22979	1:4.66	5419	22250	16831	1:4.10
Soybean	Varietal Evaluation	JS-335	-	Rainfed	25	10	15.5	13.8	14.50	10.40	20.19	6132	21875	15743	1:3.56	6004	18200	12196	1:3.03
Sunflower	Varietal Evaluation	-	KBSH-41	Rainfed	25	10	13.5	12.0	12.6	10.4	21.15	3299	22680	19381	1:6.8	3349	18720	15371	1:5.58
Groundnut	Varietal Evaluation	DH-86	-	Irrigated rabi	10	10	28.5	20.4	24.5	19.0	28.90	10737	58800	48063	1:4.48	10244	45600	35355	1:3.45
Sunflowe	Varietal Evaluation	-	KBSH-41	Irrigated rabi	25	10	13.20	11.50	12.3	11.40	21.05	4019	27060	23041	1:5.73	5240	25080	19840	1:3.79
	Total				**95**	**50**													

Data on additional parameters other than yield

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**
Defoliators incidence (%)	12	20
Spodoptera incidence (%)	18	28
Incidence of Powdery mildew (%)	15	35
Defoliators incidence (%)	10	26
Incidence of necrosis(%)	10	16

5.B.2. Pulses

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
							H	L	A										
Redgram	Varietal Evaluation	Asha	-	Rainfed	25	10	12.6	12.0	12.4	10.5	18.9	5061	22320	17259	1:4.41	4577	18900	14623	1: 4.12
Greengram	Varietal Evaluation	S-4	-	Rainfed	25	10	5.0	4.9	5.3	4.6	23	2030	10600	8750	1:4.3	1705	8600	6895	1: 4.0
Blackgram	Varietal Evaluation	DU-1	-	Rainfed	25	10	6.0	4.1	5.2	4.3	21	2417	11440	9023	1:4.7	2156	9460	7304	1:4.38
Bengalgram	Varietal Evaluation	Bheema	-	Borewell	37	15	9.20	7.00	8.0	6.4	25	2503	14400	11897	1:4.75	2303	11520	9257	1:4.02
	Total				**112**	**45**													

Data on additional parameters other than yield

Data on other parameters in relation to technology demonstrated			
Crop	**Parameter with unit**	**Demo**	**Local**
Redgram	% pod borer	14	26
Greengram	% Pod weevil	18	38
	% powdery mildew incidence	13	28
Blackgram	Severe incidence of Aphids (No.)	12/leaf	24/leaf
	% powdery mildew incidence	15	30
Bengalgram	% pod borer	10	22
	% wilt incidence	8	14

5.B.3. Other crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
							H	L	A										
Cereals																			
Millets																			
Little millet	Varietal Evaluation	Sukshema	-	Rainfed	25	10	17.0	15.2	16.1	13.3	21	3,865	13,685	9,820	1:2.5	3,600	2,400	7,645	1:2.0
Foxtail millet	Varietal Evaluation	HMT 100-1	-	Rainfed	25	10	19.0	16.5	17.8	14.2	25.5	3,200	9,806	6,606	1:2.0	2,800	7,810	5,010	1:1.8
Vegetables																			
Tomato	HYV- DMT-2 : Tomato	DMT-2	-	Rainfed	10	4.0	142	123	133	107	24.30	16728	66500	49772	1:2.97	16800	53500	36700	1:2.18
Onion	Onion HYV - Arka kalyan	Arka kalyan	-	Rainfed	5	2.0	196	178	185	145	27.59	19305	92500	73195	1:3.80	18000	72500	54500	1:3.03
Flowers																			
Aster	Aster - HYV Kamini	Kamini	-	Rainfed	5	2.0	520	360	480	360	33.33	28400	144000	115600	1:4.07	26800	108000	81200	1:3.03
Marigold	HYV marigold : Orange double	Orange double	-	Rainfed	10	4	130	110	120	100	20	29900	72000	42100	1:1.41	27900	60000	32100	1:1.5
Fruit																			
Banana	Nutrient management in Banana	Robusta	-	Rainfed	12	5.0	650	450	604	483	25.05	332145	9000	323145	1:35.0	265650	0	265650	-
Spices and condiments																			

Chilli	Purified Chilli variety Byadgi Kaddi	Byadgi Kaddi	-	Rainfed	10	5.0	760	380	750	550	36.36	23000	75000	52000	1:2.26	20000	55000	35000	1:1.75
Commercial																			
Fodder																			
Sweet Sorghum	Sweet Sorghum SSV-74 a potential fodder crop for livestock	SSV-74	-	Rainfed	12	5.0	6	4.5	5	4	25	2500	5000	2500	1:2.0	2200	3800	1500	1:1.7
Others (pl.specify)																			

Data on additional parameters other than yield : Nil

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**

5.B.4. Livestock : Nil

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Dairy																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Data on additional parameters other than yield : Nil

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**

5.B.5. Fisheries : Nil

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m^2	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

Data on additional parameters other than yield (viz., reduction of percentage diseases, effective use of land etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**

5.B.6. Other enterprises :Nil

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area (m^2}	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Oyster mushroom																	
Button mushroom																	
Vermicompost																	
Sericulture																	
Apiculture																	
Others (pl.specify)																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

Data on additional parameters other than yield (viz., additional income realized, employment generation, quantum of farm resources recycled etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**

5.B.7. Farm implements and machinery : Nil

Name of the implement	Name of the technology demonstrated	No. of Demo	Units/ Area (m^2)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
				Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
				H	L	A										

Data on additional parameters other than yield (viz., reduction in drudgery, time and labour saving etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	**Demo**	**Local**

5.B.8. Cotton

Summary of demonstrations conducted under FLD cotton

Sl. No.	Category	Technology Demonstrated	Variety	Hybrid	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
						Proposed	Actual	SC/ST	Others	Total	
1.	Production Technology	ICM & INM	-	R.C.H. 20-BT	Kharif 2008	10	10	07	18	25	-
2.	IPM										
3.	Farm Implements										

Production technology demonstrations

Performance of demonstrations

Farming situation	Technology Demonstrated	Area (ha)	No.of demo.	Variety	Hybrid	Yield (q/ha)		% Increase	Economics of demonstration (Rs./ha)				Economics of local check (Rs./ha)			
						Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Rainfed	ICM & INM	10	25	-	R.C.H. 20-BT	17.46	14.40	21.46	16463	34920	18457	1:2.12	16080	28800	12720	1:1.79

Performance of Bt hybrids, Desi hybrids, non-Bt hybrids and Varieties in Front Line Demonstrations in cotton during 2008-09

Category	Farming situation	Technology Demonstrated	Area (ha)	No.of demo.	Variety	Hybrid	Yield (q/ha)		% Increase	Economics of demonstration (Rs./ha)				Economics of local check (Rs./ha)			
							Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Bt hybrids	Rainfed	ICM & INM	10	25	-	R.C.H. 20-BT	17.46	14.40	21.46	16463	34920	18457	1:2.12	16080	28800	12720	1:1.79
Desi hybrids (AXA)																	
HXB Hybrids																	
HXH Hybrids																	
Herbacium Varieties																	
Hirsutum Varieties																	
Arboreum Varieties																	

Integrated pest management demonstrations : Nil

Farming situation	Variety	Hybrid	No. of blocks	Total No. of Demo.	Area (ha)	Incidence of pest and diseases (%)			Seed Cotton Yield (q/ha)			Economics of demonstration (Rs./ha)				Economics of local check (Rs./ha)			
						IPM	Non IPM	% Change	IPM	Non IPM	% Change	Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR

Demonstrations on farm implements

Name of the implement	Area (Ha)	No. of Demo.	Name of the technology demonstrated	Details on parameters		
				Demo	Local check	BCR
Rotavator	25	25	Harrowing , stubbles removing & Leveling			
			Capacity /out put(ha/hr.)	0.26	0.11	
			Man hr./ha.	36	60	
			Cost of operation(Rs./ha.)	1225	1650	
Total	**25**	**25**				

Extension Programmes organized in Cotton Demonstration Plots

Extension activity	No. of Programmes	Participants			SC/ST		
		Male	Female	Total	Male	Female	Total
Consultancy	150	300	150	450	50	25	75
Conventions	75	250	125	375	20	15	35
Demonstrations	50	250	50	300	25	15	40
Diagnostic surveys	20	150	50	200	20	10	30
Exhibition	03	200	25	225	30	20	50
Farmer study tours	00	00	0	0	0	0	0
Farmers Field school	05	250	50	300	30	20	50
Field Days	02	300	25	325	25	10	35
Field visits	80	350	50	400	40	10	50
Gram sabha	05	200	20	220	10	05	15
Group discussions	10	300	50	350	30	20	50
Kisan Gosthi	03	250	25	275	10	05	15
Kisan Mela	02	300	25	325	20	10	30
Training for Extension Functionaries	02	150	10	160	10	05	15
Training for farmers	05	400	50	450	50	20	70
Viedo show	02	250	20	270	10	05	15
Newspaper coverage	05	0	0	0	0	0	0
Popular articles	10	0	0	0	0	0	0
Publication	04	0	0	0	0	0	0
Radio talks	02	0	0	0	0	0	0
T.V. Programme	02	0	0	0	0	0	0
Others (Pl.specify)							
TOTAL	**437**	**3900**	**725**	**4625**	**380**	**195**	**575**

Technical Feedback on the demonstrated technologies on all crops / enterprise

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1.	Groundnut	Varietal Evaluation	• Foliage remained green till the harvest • No incidence of leaf spot • Quality fodder
2.	Soybean	Varietal Evaluation	• Reduced pest & disease incidence • High yield • Non shattering
3.	Sunflower	Varietal Evaluation	• Black & attractive seeds • High yield • High oil content (40-42%) • Premium price
4.	Groundnut	Varietal Evaluation	• Reduced incidence of bud necrosis • Suitable for Rabi/summer • High yield • Bold seeds
5.	Sunflower	Varietal Evaluation	• Black & attractive seeds • High yield • Premium price
6.	Redgram	Varietal Evaluation	• Reduced incidence of both wilt and SMD • Reduced pod borer incidence • High yield
7.	Greengram	Varietal Evaluation	• Non shattering of pods after maturity • Bright green, bold and shiny seeds • High yield
8.	Blackgram	Varietal Evaluation	• Suitable under double cropping system • Reduced incidence of stem fly • Bold seeds • High yield
9.	Bengalgram	Varietal Evaluation	• Reduced incidence of wilt & pod borer • More number of branches per plant • High yield
10.	Little millet	Varietal Evaluation	• Quality grains and fodder • High yield

11.	Foxtail millet	Varietal Evaluation	• Quality grains and fodder • High yield
12.	Tomato	Introduction of new hybrid tomato DMT-2	• Taste similar to local varieties • High yield
13.	Onion	Introduction & popularization of HY (Arka kalyan).	• Good keeping quality • Attractive colour • Good market price
14.	Aster	Introduction of HYV (Kamini)	• Fetches good price in the market • More vase life • High yield
15.	Marigold	Popularization of HY and attractive coloured marigold variety – Orange double	• High price in the market • Attractive colour • High yield
16.	Banana	Bunch feeding in Banana	• Increase in finger size & bunch weight • Uniform ripening of the fingers
17.	Chilli	Introduction of improved Byadagi Kaddi	• Negligible number of off types • Uniform crop stand • High yield • More price
18.	Sorghum	Varietal Evaluation	• Quality green fodder • Palatable • Good for silage

Farmers' reactions on specific technologies

S. No	Crop / Enterprise	Name of the technology demonstrated	Feed Back
1.	Groundnut	Varietal Evaluation	High yielding, plants are greenish upto harvesting stage
2.	Soybean	Varietal Evaluation	High yielding and lesser pest and disease
3.	Sunflower	Varietal Evaluation	High yielding and lesser pest and disease
4.	Groundnut	Varietal Evaluation	High yielding and lesser pest and disease
5.	Sunflower	Varietal Evaluation	High yielding and lesser pest and disease
6.	Redgram	Varietal Evaluation	High yielding and lesser wilt and SMD
7.	Greengram	Varietal Evaluation	High yielding and Non shattering pods
8.	Blackgram	Varietal Evaluation	High yielding and lesser pest and disease
9.	Bengalgram	Varietal Evaluation	High yielding and lesser pest and disease
10.	Tomato	Introduction of new hybrid tomato DMT-2	Farmers getting higher yields compared to local Varieties
11.	Onion	Introduction & popularization of HY (Arka kalyan).	Farmers getting higher yields compared to local Varieties
12.	Aster	Introduction of HYV (Kamini)	Farmers getting higher yields and getting good price in market
13.	Marigold	Popularization of HY and attractive coloured marigold variety – Orange double	Farmers getting higher yields with good coloure
14.	Banana	Bunch feeding in Banana	More bunch weight and number of fingers
15.	Chilli	Introduction of improved Byadagi Kaddi	Farmers getting higher yields compared to local Varieties
16.	Sorghum	Varietal Evaluation	Higher fodder yield and milk yield

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Number of participants	Remarks
1	Field days	03	264	
2	Farmers Training	25	370	
3	Media coverage	04	-	
4	Training for extension functionaries	-	-	

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Units/ Area (m^2)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Cereals																	
Bajra																	
Maize																	
Rice																	
Sorghum																	
Wheat																	
Others																	
Total																	
Oilseeds																	
Castor																	
Mustard																	
Safflower																	
Sesame																	
Sunflower	Varietal Evaluation	KBSH-41	25	10	13.20	11.50	12.3	11.40	21.05	4019	27060	23041	1:5.73	5240	25080	19840	1:3.79
Groundnut																	
Soybean																	
Others																	
Total			**25**	**10**	**13.20**	**11.50**	**12.3**	**11.40**	**21.05**	**4019**	**27060**	**23041**	**1:5.73**	**5240**	**25080**	**19840**	**1:3.79**
Pulses																	
Greengram																	
Blackgram																	
Bengalgram																	
Redgram																	
Others																	
Total																	
Vegetable crops																	

Bottle gourd																	
Capsicum																	
Others																	
Total																	
Cucumber																	
Tomato																	
Brinjal																	
Okra																	
Onion																	
Potato																	
Field bean																	
Others (pl.specify)																	
Total																	
Commercial crops																	
Sugarcane																	
Coconut																	
Others																	
Total																	
Fodder crops																	
Maize (Fodder)																	
Sorghum (Fodder)																	
Others																	
Total																	

H-High L-Low, A-Average

Farmers Field Schools organized during the period from October 2008 to September 2009 of KVK, Haveri

Name of crop	Title	Location	Number of farmers	Duration (days)	Number and details of activities	Salient findings/result	Budget Sanction (Rs.)	Budget Utilized (Rs.)
Cotton	Integrated Pest Management (IPM)	Agadi	25	180	• Trainings -08 • Group meetings -12 • Method Demonstrations – 04 • Field visits -18 • Field days -02 **IPM Components** • Summer deep ploughing • Popularizing high yielding hybrid like RCH-20-Bt • Seed treatment with Trichoderma harzianum @ 10 gm/kg seed against sucking pests & soil –borne diseases. • Bhendi / Marigold / Caster as trap crop (1:20 ratio). • Use of Maize / Redgram / Cowpea as a border crops. • Vermicompost application @ 2.5 q/ha. • Use of yellow sticky traps @ 20 /ha • Spraying of Neem seed kernel extract (NSKE) @ 5%. • Spraying of Planofix @ 0.25 ml / litre at flowering time. • Two sprays of MgSO4 @ 1 % at 90 and 110 days. • Nipping at 80 days after sowing.	• Imidacloprid treated seeds prevented the sucking pest upto 45 days • Usage of botanical pesticides like Neem seed kernel extract (NSKE) @ 5% effectively controlled cotton pests • Spraying of Planofix @ 0.25 ml / litre reduced the flower and young fruit drop • Two sprays of MgSO4 @ 1 % at 90 and 110 days reduced the leaf reddening • Farmers convinced that growing of cowpea , Maize & redgram as border crops reduced the pest load. • Farmers convinced that by following IPM technology from the beginning the cotton pest can be controlled effectively with low cost which results in higher C:B ratio.	25000	23863

	IPM	**Non IPM**	**% increased in yield**
Average yield (q/ha)	22.36	18.42	21.39
Pest incidence			
Aphids / leaf	3.36	11.82	-
Thirps / leaf	2.70	14.64	-
Jassids / leaf	0.14	4.81	-
Miridbugs / (25 squres)	3.62	12.90	-
Boll worms / plant	0.82	3.73	-

PART VII. TRAINING

7.A.. Farmers' Training including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management	1	8	0	8	2	0	2	10	0	10
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming	1	12	0	12	0	0	0	12	0	12
Micro Irrigation/Irrigation										
Seed production	1	77	0	77	10	0	10	87	0	87
Nursery management										
Integrated Crop Management	2	33	0	33	2	0	2	35	0	35
Soil and Water Conservation										
Integrated Nutrient Management	2	16	0	16	8	0	8	24	0	24
Production of organic inputs										
Others										
Processing and Marketing	1	17	0	17	1	0	1	18	0	18
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	1	7	0	7	0	0	0	7	0	7
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										

Protective cultivation										
Others (pl.specify)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit	3	55	10	65	13	2	15	68	12	80
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)	2	14	0	14	7	0	7	21	0	21
d) Plantation crops										
Production and Management technology	2	34	0	34	0	0	0	34	0	34
Processing and value addition	3	54	10	64	4	0	4	58	10	68
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										

f) Spices										
Production and Management technology	3	28	0	28	0	0	0	28	0	28
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others (pl.specify)										
Livestock Production and Management										
Dairy Management	8	43	165	208	1	23	24	44	188	232
Poultry Management	3	54	10	64	4	0	4	58	0	66
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products										

Others (pl.specify)										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others										
Health aspects	1	8	0	8	0	2	2	8	02	10
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl.specify)										
Plant Protection										

Integrated Pest Management	2	22	0	22	4	0	4	26	0	26
Integrated Disease Management	5	58	45	103	18	7	25	76	52	128
Bio-control of pests and diseases	2	41	0	41	9	0	9	50	0	50
Production of bio control agents and bio pesticides	2	11	41	52	0	9	9	11	50	61
Others (pl.specify)										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl.specify)										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	9	144	34	178	6	13	19	150	47	197
Organic manures production										
Production of fry and fingerlings										

Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs	1	0	4	4	0	18	18	0	22	22
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	0	20	20	0	0	0	0	20	20
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**56**	**736**	**339**	**1075**	**89**	**74**	**163**	**825**	**403**	**1236**

7.B.. Farmers' Training including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	7	88	9	97	27	6	33	115	15	130
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs	4	73	61	134	27	23	50	100	84	184
Others (pl.specify)	1	45	7	52	0	0	0	45	7	52
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	1	41	0	41	9	0	9	50	0	50
Off-season vegetables										
Nursery raising	1	17	6	23	3	2	5	20	8	28
Exotic vegetables	1	20	15	35	0	0	0	20	15	35
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl.specify)										
b) Fruits										

Training and Pruning										
Layout and Management of Orchards	1	0	20	20	0	5	5	0	25	25
Cultivation of Fruit	1	20	0	20	5	0	5	25	0	25
Management of young plants/orchards	1	20	0	20	5	0	5	25	0	25
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)	1	12	6	18	0	3	3	12	9	21
d) Plantation crops										
Production and Management technology	1	20	0	20	5	0	5	25	0	25
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology	4	90	38	128	16	16	32	106	54	160
Processing and value addition	1	20	7	27	5	8	13	25	15	40
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										

Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others (pl.specify)										
Livestock Production and Management										
Dairy Management	2	36	30	66	14	12	26	50	42	92
Poultry Management	1	18	0	18	12	0	12	30	0	30
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	20	0	20	10	0	10	30	0	30
Animal Disease Management	1	25	0	25	15	0	15	40	0	40
Feed and Fodder technology										
Production of quality animal products										
Others (pl.specify)	3	66	15	81	19	0	19	85	15	100
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient										

efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	0	20	20	0	4	4	0	24	24
Women empowerment	2	0	30	30	0	0	0	0	30	30
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others (pl.specify)										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management	13	411	95	506	72	37	109	483	132	615
Integrated Disease Management	13	364	86	450	61	32	93	425	118	543
Bio-control of pests and diseases	1	30	45	75	11	15	26	41	60	101
Production of bio control agents and bio pesticides										
Others (pl.specify)										
Fisheries										

Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl.specify)										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										

Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	42	11	53	10	6	16	52	17	69
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	**64**	**1478**	**501**	**1979**	**326**	**169**	**495**	**1804**	**670**	**2474**

7.C. Training for Rural Youths including sponsored training programmes (on campus) : Nil

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										

Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

7.D. Training for Rural Youths including sponsored training programmes (off campus) :

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming	2	15	5	20	3	1	4	18	6	24
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										

Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	2	25	10	35	4	2	6	29	12	41
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production	1	15	3	18	2	2	4	17	7	34
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	5	55	18	73	9	5	14	64	25	99

7.E. Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care	1	0	18	18	0	2	2	0	20	20
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
Total	**1**	**0**	**18**	**18**	**0**	**2**	**2**	**0**	**20**	**20**

7.F. Training programmes for Extension Personnel including sponsored training programmes (off campus) :

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	02	30	10	40	05	02	07	35	07	42
Integrated Nutrient management	01	25	15	40	8	4	12	33	19	52
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
Total	**03**	**55**	**25**	**80**	**13**	**6**	**19**	**68**	**26**	**94**

7.G. Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	**Production and value addition**										
2.a.	Fruit Plants										
2.b.	Ornamental plants										
2.c.	Spices crops										
3.	**Soil health and fertility management**										
4	**Production of Inputs at site**										
5	**Methods of protective cultivation**										
6	**Others (pl.specify)**										
7	**Post harvest technology and value addition**										
7.a.	Processing and value addition										
7.b.	Others (pl.specify)										
8	**Farm machinery**										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	**Livestock and fisheries**										
10	**Livestock production and management**	6	9	165	174	1	23	24	10	188	198
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c	Fisheries Nutrition										
10.d	Fisheries Management										
10.e.	Others (pl.specify)										
11.	**Home Science**										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women										
11.c.	Drudgery reduction of women										
11.d.	Others (pl.specify)										
12	**Agricultural Extension**										
12.a.	Capacity Building and Group Dynamics										
12.b.	Others (pl.specify)										
	Total	**6**	**9**	**165**	**174**	**1**	**23**	**24**	**10**	**188**	**198**

Details of sponsoring agencies involved

1. Sujala Watershed Project Dharwad

2.

3.

7.H. Details of vocational training programmes carried out by KVKs for rural youth :Nil

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	**Crop production and management**										
1.a.	Commercial floriculture										
1.b.	Commercial fruit production										
1.c.	Commercial vegetable production										
1.d.	Integrated crop management										
1.e.	Organic farming										
1.f.	Others (pl.specify)										
2	**Post harvest technology and value addition**										
2.a.	Value addition										
2.b.	Others (pl.specify)										
3.	**Livestock and fisheries**										
3.a.	Dairy farming										
3.b.	Composite fish culture										
3.c.	Sheep and goat rearing										
3.d.	Piggery										
3.e.	Poultry farming										
3.f.	Others (pl.specify)										
4.	**Income generation activities**										
4.a.	Vermi-composting										
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.										
4.c.	Repair and maintenance of farm machinery and implements										
4.d.	Rural Crafts										
4.e.	Seed production										

4.f.	Sericulture										
4.g.	Mushroom cultivation										
4.h.	Nursery, grafting etc.										
4.i.	Tailoring, stitching, embroidery, dying etc.										
4.j.	Agril. Para-workers, para-vet training										
4.k.	Others (pl.specify)										
5	**Agricultural Extension**										
5.a.	Capacity building and group dynamics										
5.b.	Others (pl.specify)										
	Grand Total										

PART VIII – EXTENSION ACTIVITIES

Extension Programmes

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No.of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	5	100	72	172	42	38	80	2	0	2
Krisha Mela	1	10025	5000	15025	0	0	0	1005	1000	2005
Kisan Ghosthi	4	100	40	140	0	0	0	10	5	15
Exhibition	2	280	170	450	0	0	0	20	12	32
Film Show	15	250	150	400	0	0	0	15	10	25
Method Demonstrations	20	500	150	650	100	20	120	10	05	15
Farmers Seminar	05	121	96	217	53	27	80	04	02	06
Workshop	0	0	0	0	0	0	0	0	0	0
Group meetings	50	600	100	700	20	16	36	10	5	15
Lectures delivered as resource persons	59	1235	983	2238	140	120	260	7	3	10
Newspaper coverage	10	0	0	0	0	0	0	0	0	0
Radio talks	10									
TV talks	0	0	0	0	0	0	0	0	0	0
Popular articles	12	0	0	0	0	0	0	0	0	0
Extension Literature	05	0	0	0	0	0	0	0	0	0

Advisory Services	89	59	9	68	0	0	0			
Scientific visit to farmers field	61	223	47	270	0	0	0	7	1	8
Farmers visit to KVK	377	262	115	377	0	0	0	0	0	0
Diagnostic visits	15	86	8	94	0	0	0	13	3	16
Exposure visits	2	30	5	35	0	0	0	7	1	8
Ex-trainees Sammelan										
Soil health Camp										
Animal Health Camp	2	95	28	123	0	0	0	25	2	27
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings	1	0	15	15	0	0	0	0	0	0
Mahila Mandals Conveners meetings	1	0	16	16	0	0	0	0	0	0
Celebration of important days										
Farmers Day	1	22	0	22	0	0	0	0	0	0
Vanamostava	2	10	5	15	0	0	0	2	0	2
Special days	3	40	25	65	23	18	41	0	20	20
Total	**752**	**14038**	**7034**	**21092**	**378**	**239**	**617**	**1137**	**1069**	**2206**

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals	Maize	Savarna	-	2.301	17869	01
	Bazar	8201		0.55	2750	01
	Jowar	M35-1	-	1.2	9600	01
			JK	0.18	1080	
Oilseeds	Soybean	JSS-335	-	0.18	3600	01
Pulses	Redgram	Maruti	-	0.06	2300	
		Asha	-	0.06	2220	01
		BSMR	-	0.18	6660	01
Commercial crops	Cotton	-	Rasi	4.41	11432	01
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)	Sunhump	Local		0.8	1360	01
Total				**9.921**	**58871**	**8**

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial						
Vegetable seedlings						
	Curryleaf	Suhasini		545	2725	3
Fruits						
	Sapota		DHS-1	506	25300	03
	Sapota		DHS-2	172	8600	03
	Sapota	Cricket ball		10	500	01
	Guava	Allahabad safed		17	340	02
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others(specify)						
Total				**1250**	**37465**	**12**

C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity		Value (Rs.)	Number of farmers to whom provided
		No	Kg		
Bio Fertilizers					
Bio-pesticide					
Bio-fungicide					
Bio Agents					
Others (specify)					
Total					

9.D. Production of livestock materials :

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Fingerlings				
Others (Pl. specify)				
Total				

PART X – PUBLICATION, SUCCESS STORY, SWTL

10. A. Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.)

Date of start	Periodicity	Number of copies distributed
2005	Quarterly	300

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	Productivity and economics of transparent poly ethylene for soil solarization in Groundnut (*Arachis hypogaea*) – bell pepper (*Capsicum annnum*) sequence	Nanjappa H.V.,Soumya T.M. ,Ramachandrappa B.K. and Prabhakara B.N.	32
	Influence of Pollen Supplement and food substitute on Brood rearing and foraging activity of Indian Honeybee, *Apis cerana* Fabricius	Prakash S.,Bhat N.S. Naik M.I., Hanumantha Swamy B.C.	
	Comparative Foraging behavior of three species of *Apis* on Onion	B.C.Hanumanthaswamy, Venkatesh Hosamani K.B.Yadahalli and M.V.Nagaraja	
	Evaluation and cost economics of IPM for pod borer in Bengal gram	B.C.Hanumanthaswamy, K.B.Yadahalli,Venkatesh Hosamani and Shashidara K.K.	
	Alternate host plants of paddy ear head bug *Leptocorisa oratorius*	Venkatesh Hosamani, Pradeep S., B.C.Hanumanthaswamy, Thippeswamy C and Rachana R.R.	
	Morphometric studies on paddy ear head bug *Leptocorisa oratorius*	Venkatesh Hosamani, Pradeep S., B.C.Hanumanthaswamy, Thippeswamy C and Rachana R.R.	
	Influence of Organic Amendments on Sugarcane Sett Rot Development	Yadahalli K.B.,	
	Eco-friendly approaches in the management of *Ceratocystis paradoxa* causing sett rot of Sugarcane	Vijaya, H.K., K.B.Yadahalli and Shamarao Jahagirdar	
	Studies on Clonal variation of Sugarcane varieties	V.B. Kiran and K.B. Yadahalli	
	Effect of culture filtrate of *Colletotrichum falcatum* on callus growth of different Sugarcane varieties	V.B. Kiran and K.B. Yadahalli	

	Integrated Management of sugarcane diseases with special references to Sett rot caused by *Ceratocystis paradoxa*	K.B.Yadahalli,B.C.Hanumanthswmy and M.V.Nagaraja	
	Bio Intensive IPM Systems against Gram Pod Borer, *Helicoverpa Armigera* in Pulse Crop	B.C.Hanumanthaswamy, K.B.Yadahalli, M.V.Nagaraja and Venkatesh Hosamani	
	Popularization of Vermicomposting –A Sustainable Means to Refurbish Soil Fertility	K.B.Yadahalli,B.C.Hanumanthaswamy and Venkatesh Hosamani,	
	Efficacy of plant extracts on greater wax moth,*Galleria mellonella* in honey bee colonies	B.C.Hanumanthaswamy, K.B.Yadahalli,M.V.Nagaraja and Venkatesh Hosamani	
	Use of Botanicals for the control of stem Rot (*Fusarium Oxysporum* Schlecht) Disease of Vanilla	Omprakash N,Venkatesh Hosamani,B.C.Hanumanthaswamy and K.B.Yadahalli	
	Management of Root Rot (*Sclertium rolfsii* sacc.) Disease of Venilla by using Plant Extracts	Ompraksh N,Venkatesh Hosamani,B.C.Hanumanthaswamy and K.B.Yadahalli	
	Studies on planting methods and drip irrigation levels on growth and yield of tomato and its influence on water and fertilizer use efficiencies	Soumya T.M. ,Ramachandrappa B.K. and Nanjappa H.V.	
	Efficacy of bio-control agents against Anthracnose of chilli caused by *Colletotrichum capsici* (sydow) Butler and Bisby.	Vinaya Hemannavar,M.S,L.Rao,Yashoda Hegde, R.K.Mesta and K.B.Yadahalli.	
	Evaluation of seed dressing fungicides for the management of Anthrocnose of chilli	Vinaya Hemannavar, M.S,L.Rao, Yashoda Hegde,R.K.Mesta and K.B.Yadahalli	
	Effect of bio-control agents and their culture filtrates on phytopthora capsisi(leonian) causing fruit rot complex of black pepper	Shamarao Jahagirdar,A.L.Siddaramaih, H.Virupaksha Prabhu, K.B.Yadahalli,Arun Sataraddi and P.Nagaraju	
	Management of Chilli fruit borer *Helicoverpa armigera*	Hanumantha Swamy B.C.,K.B. Yadahalli, and Venkatesh Hosamani	
	Introduction of Chilli hybrid Arka shwetha in Mysore district	B.S. Harish , Basavaraj Hulagur G.B., P. Revansiddappa, S.M. Hiremath and M.S. Nagaraja	
	Influence of location & production practices on total colour of paprika fruits	S.M. Hiremath, H. Basavaraj & P.W. Basankar	
	Feasibility of mixed cropping of chilli and cotton in northern transitional zone of Karnataka	J.S. Hilli, J.M. Prashant, S.M. Hiremath and M.S. Nagaraja	
	Yield gap analysis of Chilli under front line demonstrations in northern transitional Zone of Karnataka	S.M. Hiremath, M.V. Nagaraja and J.M. Prashnth	
	Chilli yield improvement through front line demonstrations	M.V. Nagaraja, S.M. Hiremath, J.M. Prashanth and J.S. Hilli	
	Management of Leaf Spot of Zinnia (*Zinnia elegans* Jacq.)	K.B. Yadahalli	
	Effect of *Cercospora Zinniae* Culture Filtrate (toxin) on Tomato Plants	K.B. Yadahalli	
	Per se performance of Bio-agents in the management of Sett rot of Sugarcane caused by *Ceratocystis paradoxa*	Vijaya H K, K.B.Yadahalli, and Srikant Kulkarni	

	Bio efficacy of systemic and non-systemic fungicides against sett rot in sugarcane causing *Ceratocystis paradoxa*	Vijaya H K, K.B.Yadahalli, and Shamarao Jahagirdar	
	Eco-friendly approaches in the management of *Ceratocystis paradoxa* causing sett rot Sugarcane	Vijaya H K, K.B.Yadahalli, and Shamarao Jahagirdar	
	Planting geometery : An option for economization of investment on drip system in green chilli	B.K. Ramachandrappa, H.V. Nanjappa, T.M. Soumya and B.N. Prabhakar	
Technical reports	SAC	KVK, Scientists	03
	Action plan	KVK, Scientists	
	Extension Worker Workshop	KVK, Scientists	
News letters	KVK News letter (Oct, 08 – Dec,09)	KVK Scientists	01
Technical bulletins	Savayava Krishi ondu nota	K.B.Yadahalli, B.C.Hanumanthaswamy, M.V.Nagaraja, S.M.Hirenath and Venkatesh Hosamani	04
	Totagarikeyalli Savayava Krishi	K.B.Yadahalli, B.C.Hanumanthaswamy, M.V.Nagaraja, S.M.Hirenath, Venkatesh Hosamani and S.N. Kulkarni	
	Bale Beleya Adhunika Tantrikate	S.M.Hirenath, M.V.Nagaraja, K.B.Yadahalli, B.C.Hanumanthaswamy, T.M.Soumya, Vijaykumar D. Rathod, Venkatesh Hosamani and S.N. Kulkarni	
	Mavu Beleya Adhunika utpadane Tantrikate	S.M.Hirenath, D.S.M. Gouda, K.B.Yadahalli	
Popular articles	Mavu beleya Keetagalu hagu avugala nirvahane	Hanumanthaswamy, B. C., Yadahalli, K. B. and Hiremath S.M	29
	Savayava thotagarikeyalli roga nirvahane	Yadahalli K.B., Hanumanthaswamy B.C., and Shashidhara K.K	
	Veelyedele Badu roga / Soragu rogada nirvahane	Yadahalli K.B., Hanumanthaswamy B.C., and Venkatesh Hosamani	
	Thogari Beleyalli sidi rogada nirvahane,	Yadahalli K.B., Hanumanthaswamy B.C., and Venkatesh Hosamani.,	
	Sooryakanthi nanjanu (Necrosis) rogada nirvahane	Yadahalli K.B., Hanumanthaswamy B.C., and Venkatesh Hosamani	
	Bhendi Beleya pramuka rogagalu mattu avugala nirvahane	Yadahalli K.B., Hanumanthaswamy B.C., and Venkatesh Hosamani	
	Thotagarike sasi madigalige Baruva keetagalu hagu nirvahane	Venkatesh Hosamani., Hanumanthaswamy B.C. and Yadahalli K.B.	
	Shenga beleya Kudisayuva nanjanu mattu yele chukke rogada nirvahane	Yadahalli K.B., Venkatesh Hosamani. and Hanumanthaswamy B.C	

	Hatti beleya rasa heeruva keetagala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C	
	Hatti beleya pramuka rogagala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C	
	Hattiyalli yele kempaguvikege karana mattu nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C.	
	Hesaru beleyalli muthi huluvina nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C	
	Menasina kayige baruva pramuka keetagalu mattu avugala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C	
	Yelekosinalli dundanu kappu kole rogada nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C.,	
	Soya avareyalli yele thinnuva keetagala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C.,	
	Tomato Belege badisuva pramuka keetagalu mattu avugala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C.,	
	Menasina kayi beleya rogagalu hagu avugala nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy. B.C	
	Bathada kandu jigi hulu mattu nirvahana kramagalu	Venkatesh Hosamani., Hanumanthaswamy B.C. and Yadahalli K.B	
	Tomato yele chukke, yele murutu rogada nirvahane	Yadahalli K.B., Venkatesh Hosamani. and Hanumanthaswamy B.C	
	Bale beleyalli sigatoka yele chukke rogada nirva hane	Yadahalli K.B., Venkatesh Hosamani. and Hanumanthaswamy B.C	
	Adike beru huluvina nirvahane	Venkatesh Hosamani., Yadahalli K.B. and Hanumanthaswamy B.C.,	
	Soorya kanthiyalli kappu tale kambali huluvina nirvahane	Venkatesh Hosamani., Hanumanthaswamy. B.C and Yadahalli K.B.	
	Uses of Chemical mulch (polyacrylamide) in Agriculture	Prabhakara B.N.,Soumya T.M. ,Nanjappa H.V. and Ramachandrappa B.K.	
	Ill effects of chemical fertilizers and pesticides, usage in agriculture and strategies to overcome	Prabhakara B.N.,Soumya T.M. ,Nanjappa H.V. and Ramachandrappa B.K.	
	Dasthanu keetagalu mattu avugala nirvahane	Venkatesh Hosamani., Hanumanthaswamy. B.C and Yadahalli K.B.	
	Hatti beleyalli rogagala nirvahane	Yadahalli K.B. Udekeri S.S., Venkatesh Hosamani., and Hanumanthaswamy. B.C	
	Hatti beleyalli Keetagala nirvahane	Udekeri S.S., Venkatesh Hosamani., Hanumanthaswamy. B.C and Yadahalli K.B.	
	Hatti ya kitagalalli Kitanashaka nirudashakattiya nirvahane	Udekeri S.S., Venkatesh Hosamani., Hanumanthaswamy. B.C and Yadahalli K.B.	
	Hatti Beleyalli yele kempaguveke	Yadahalli K.B. Udekeri S.S., Venkatesh Hosamani., and Hanumanthaswamy. B.C	

Extension literature			
Others			
Folders	Mannu mattu niru parikshe	KVK Scientist	01
TOTAL			**70**

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number

10.C. Success Stories / Case studies, if any

Title : Production technology in Groundnut (G.P.B.D.-4)

Background:

Sri. Aravind Desai, Handiganoor village of Haveri taluk, is a big farmer. He used to grown groundnut variety TMV-2 regularly every year. For the control of diseases of groundnut, Sri Aravind Desai was spraying fungicides four times during the crop season. By following only fungicidal sprays, diseases not controlled and cost of cultivation increased. He was facing the problem of leaf spot, rust and root rot diseases.

Interventions

Process :

He approached the KVK, Hanumanamatti scientists for solution. Then KVK, Hanumanamatti scientists, gave training to Sri. Aravind Desai on integrated crop management of Groundnut. He agreed to spare is land for ICM demonstrations

Technology :

Groundnut production technology demonstration were conducted in his field by following IPM modules, application of Trichoderma along with vermicompost, growing of resistant variety GPBD-4 (Resistant to leaf spot and rust) and application of $FeSO_4$ and $ZnSO_4$.

Impact

Horizontal Spread : About 30 farmers Adopted the technology in Haveri district.

Economic gains :

Sri. Aravind Desai, harvested 27.5 q/ha. pod yield and 31.5 q/ha fodder yield compared to his own method where he got 21.5 q/ha pod yield and 23.5 q/ha fodder yield. Just by following ICM technology Sri Aravind Desai able to get 6 q/ha extra pod yield with reduced cost of cultivation.

Employment Generation: -

10.D. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

- Experiences of ex – trainees
- Local fertilizer and pesticide vendors
- Self help groups, Transfer of Technology clubs and Rural youth clubs.
- Use of successful entrepreneurs/ progressive farmers/Awardees as a resource persons
- The paraprofessionals are fine tuned for their skills and utilized for Transfer of Technology.
- Agri-clinic entrepreneurs trained by MANAGE.

10.E. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1.	Vermicompost	Planting of turmeric all around the vermicompost pits	Avoidance of ants / termite menace.
2.	House hold	Use of lemon grass paste	As a mosquito repellant.
3.		Use of ash / neem leaves	Control of storage pests
4.		Use of egg shell	Avoid lizards
5.	Vegetables	Odour of coriander and fennel	Avoid menace of wild pigs
6.	Crop production	Crop rotation with sorghum after garlic,	Increases *Rabi* sorghum yield
7.	Field crops	Use of Human hairs	Control of wild pigs in field crops

10.F. Indicate the specific training need analysis tools/methodology followed for

Identification of courses for farmers/farm women & Rural Youth

- Participatory Rural Appraisal method .
- Field visits
- Linkage with developmental departments and NGO's.
- Survey method.

Rural Youth

- Participatory Rural Appraisal method .
- Group discussion / meetings
- Linkage with developmental departments and NGO's.
- Survey method.
- Feedback

In-service personnel

- Bimonthly workshops
- NARP workshops
- Extension workshops

10.G. Field activities

i.	Number of villages adopted	:	14
ii.	No. of farm families selected	:	30
iii.	No. of survey/PRA conducted	:	10

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Laboratory has been instituted with all the requisite infrastructure analysis is being taken up

1. Year of establishment : 01.04.2005

2. List of equipments purchased with amount :

Sl. No.	Name of Equipments	Qty (No's)	Rate	Cost
1.	Electronics weighing scale with battery Back up, (Physical Balance)	1	10471.00	10471.00
2.	Electronic Weighing Machine	1	57000.00	57000.00
3.	Elico Microprocessor based pH Analyser.	1	8900.00	8900.00
	Accessories			
	Combined Electrode type CL 51B for pH Meter Model : LI612	1	850.00	850.00
4.	Elico Microprocessor based EC TDS Analyser with CC-03B and ATC Probe.	1	9790.00	9790.00
	Accessories			
	Conductivity cell	1	1000.00	1000.00
5.	Elico Microprocessor based Flame photometer (SS),	1	32040.00	32040.00
	Accessories			
	Calcium filter	1	2200.00	2200.00
6.	Elico Microprocessor based Scanning Visible Spectro photometer. Model : SL 177	1	40050.00	40050.00
	Accessories			
	Software and interfacing accessories for Spectrophotometer One Pair of Quartz Cuvettes, 100 nos. of Plastic Cuvettes, Tungsten Halogen lamp for Spectrophotometer		20000.00	20000.00
7.	Double Distillation water still (Glass)Silica Sheathed heater, CAP : 2 L/hr	1	16000.00	16000.00
	Accessories			
	Spare Silica Heater for Double Distillation Water Still (Glass) Cap: 2 ltr/hr (One set –Two Nos. for Boiler I & II)	1 Set	2837.00	2837.00
8.	Double Distillation water still (Quartz)4 L./hr. Silica Sheathed heater, CAP:4 L/hr.	1	43050.00	43050.00
	Accessories			
	Spare Silica Heater for Double Distillation Water Still (Quartz) Cap:4 L/hr (One set –Two Nos. for Boiler I & II)	1 Set	5201.00	5201.00

9.	Water softner	1	3250.00	3250.00
10.	Shaking Machine	1	47025.00	47025.00
11.	Voltas Make 220 L. Capacity Refrigerator	1	10765.00	10765.00
	V-Guard Make 500 VA Stabilizer	1	1220.00	1220.00
	Refrigerator Stand	1	300.00	300.00
12.	Microprocessor based Block Digestion system	1	137350.00	142844.00
	Microprocessor based Automatic Nitrogen Distillation system	1	5494.00	
	Accessories			
	Electronic Acid Neutralizer Scrubber. Model: KEL VAC.	1	30400.00	30400.00
	S S Insert Rack. Model: KES 06 L.	1	6300.00	6300.00
	Exhaust Manifold System with Teflon Adaptors. Model: KES 06 LEM.	1	7160.00	7160.00
	Viton Tube for Triacid and Diacid Digestion. Model: KES VT.	3	3250.00	9750.00
13.	Hot air oven	1	16471.00	16471.00
14.	Hot plate	1	3046.00	3046.00
15.	Grinder	1	15435.00	15435.00
16.	Water Softener "Bhanu" Make Aqua Soft water softener (Model: AS- 600)	1	9752.00	9752.00
17.	Post Hole Augar Head Size: 3"	1	1200.00	1200.00
18.	Screw type Augar Head size :1.5 "	1	980.00	980.00
19.	Sieve Brass Frame	04	650.00	2860.00
20.	**Laboratory wares**			
	Laboratory tables	03	16931.00	118517.00
		04	18944.00	75776.00
	Slotted angular iron racks	05	1421.00	7105.00
	Steel cabinet	9	5326.00	47934.00
	Wash basin	3	1500.00	45000.00
	Exhaust fan	3	1500.00	1500.00
	Laboratory racks	06	1026.00	6156.00
	Water tap with swan neck	3	785.00	2355.00
21.	Gas burner	01	1500.00	1500.00
22.	Laboratory stools	05	828.00	4140.00
23.	Laboratory Chemicals	-	-	85346.00
24.	Glassware	-	-	91357.00
Total				**10,44,833.00**

Details of samples analyzed so far since establishment of SWTL including during 2008-09 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	402	402	181	20100.00
Water Samples	373	373	181	18650.00
Plant samples	-	-	-	-
Manure samples	01	01	01	500.00
Others (specify)	-	-	-	-
Total	**776**	**776**	**363**	**40700.00**

Details of samples analyzed during 2008-09 :

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized
Soil Samples	208	208	97	10400.00
Water Samples	201	201	101	10050.00
Plant samples	-	-	-	-
Total	**409**	**409**	**198**	**20450.00**

PART XI IMPACT

11.A. Impact of KVK activities

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./unit)	After (Rs./Unit)
Popularization of Soybean (JS-335)	50	15	12500 /ac	16250/ ac
Popularization of Greengram (S-4)	30	20	8000 /ac	12000 /ac
Popularization of Foliar disease (tikka)resistance Groundnut (GPBD-4)	120	40	150000/ac	20000/ac
Dairy training and clean milk production (10+1)	200	35	3000	6000
Sheep and Goat training (10+1)	100	50	2000	4500

NB: actual study and group discussion

11.B. Cases of large scale adoption : Not adopted in large scale

11.C. Details of impact analysis of KVK activities carried out during the reporting period

1. **Vermicompost Production :**

   During the year 13 training programmes were conducted on vermicompost production technology for farmers / farm womens. Totally 380 farmers / farm womens were participated in the training programmes. Among these farmers 70 farmers adopted the technology and producing and supplying the vermicompost, earth worms and vermiwash to the other farmer of the district.

2. **Impact of popularization of minor millets in Haveri district :**

   Popularized the minor millets (Little millet, Foxtail millet) with improved varieties like Sukshema, HMT-100-1, GPU-28 and DHRS-1 respectively. The area under minor millets have doubled from 5000 ha. to 10000 ha. both for grain and fodder purpose. On and Off campus training programmes and group meetings were conducted for popularizing the cropping systems in Minor millets with different pulses(6:1, 4:1). During *kharif* 2008-09. Foxtail millet was grown by farmers in Yellapur and Hanumapur villages and got 6-8 q grain and 2-3 tons of fodder per acre. The about impact of popularization of millets was documented.

3. **Impact of popularization of Groundnut (GBBD-4)Varieties in Haveri district**

Popularized the improved groundnut varieties like (GPBD-4, DH-86) in Haveri district during *Kharif* and *Rabi/summer* 2008-09. The area under groundnut crop have almost doubled from 24,700 ha both for pods and fodder purpose. On and Off campus training programmes and group meetings were conducted for popularizing the varieties of the groundnut crop. During the *Kharif* 2008-09 GPBD-4 was grown by farmer in Handiganur village and got 11 q of pods and 1.5 tons of fodder per acre and during summer 2008-09 was grown DH-86 groundnut variety by the farmers in Koradur village and got 9 q of pods and 1.25 tones of fodder per acre. Just by following ICM technology could get 5-6 q/ha. extra pod yield with reduced cost of cultivation.

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
State Dept. of Agriculture	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
State Dept. of Horticulture	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
Rural Development Institutes (Zilla & Taluk Panchayats)	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
State Dept. of Animal husbandry & Veterinary Services	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
Karnataka Milk Federation	Conducting training programmes.
Women and Child Development Department	Conducting training programmes.
Karnataka Oil Seeds Federation	Supply of inputs
NABARD, Vijaya Bank, State Bank of India, M.G. Bank and Syndicate Bank.	Participation in meeting, conducting training programmes and promotion of TTC.
Bharath Agro Industries Foundation, Haveri	Conducting training programmes
GRASIM Janakalyan Trust, Kumar Pattanum	Conducting training programmes.
Sheep and Wool Development Board	Conducting trainings.
State Dept. of Watershed	Conducting training programmes, IFS Demonstration, Seminars and Field days.
JSYS	Conducting training programmes, Demonstration, Seminars and Field days.
National Horticultural Research and Development Federation	Joint implementation and participation in meeting/Training Programme
Spice Board	Joint implementation and participation in meeting/Training Programme
Different private firms dealing with Medicinal and Aromatic crops	Training Programmes
IIHR, Bangalore	Technical consultancy
NGO's	Joint implementation and participation in meeting.
Mahila Mandals and Youth Clubs	Joint implementation and participation in meeting.
Sugar Factories	Joint diagnostic survey and participation in meeting
Karnataka Sugar Institute, Belgaum	Joint diagnostic survey and participation in meeting/ Training
Successful Entrepreneurs	Conducting Training Programme/ Technical Advice
Vijaya Bank Sponsored Employment Training Institute	Joint implementation participation in meeting and conducting in Training Programme.

12.B. List special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies : Nil

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1.	Snail & Gallwasp Management in Beetelvine gardens	Associated with KVK, Mandya, UAS, Bangalore	Gallwasp resistant Erythrina cuttings were supplied to 10 farmers of Kakol Village, Tq: Ranebennure
2.	Muruda Management in Chilli	Department of Agricultural, Haveri	Trainings and Method Demonstrations were conducted for management of Murda disease
3.	Management of Zinc deficiency in Maize	Department of Agricultural, Haveri	Maize seeds were supplied to the farmers and training programmes

12.D. Give details of programmes implemented under National Horticultural Mission : Nil

S. No.	Programme	Nature of linkage	Constraints if any

12.E. Nature of linkage with National Fisheries Development Board : Nil

S. No.	Programme	Nature of linkage	Remarks

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

13.A. Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Vermi compost	1998	0.1	*E. euginea*	Vermi compost	20	1500	6000	

13.B. Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Jowar	12.09.08	20.12.08	2.9	M-35-1	Grain	880	6500	20000	Poor yield due to Low moisture in soil
					fodder	3520			
Hy-Jowar	12.09.08	14.12.08	0.5	JK	Grain	180	1200	2420	
					fodder	720			
Pulses									
Redgram	30.08.08	02.02.09	0.05	Asha	Grain	60	125	1500	
Redgram	30.08.08	04.02.09	0.05	Maruti	Grain	60	125	1500	
Oilseeds									
Safflower	12.09.08	11.12.08	0.2	A-1	Grain	10	250	150	
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others									
Sunhemp	01.09.08	09.12.08	0.4	-	Grain	80	500	1280	

13.C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) : Nil

Sl.No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

13.D. Performance of instructional farm (livestock and fisheries production) : Nil

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

13.E. Utilization of hostel facilities

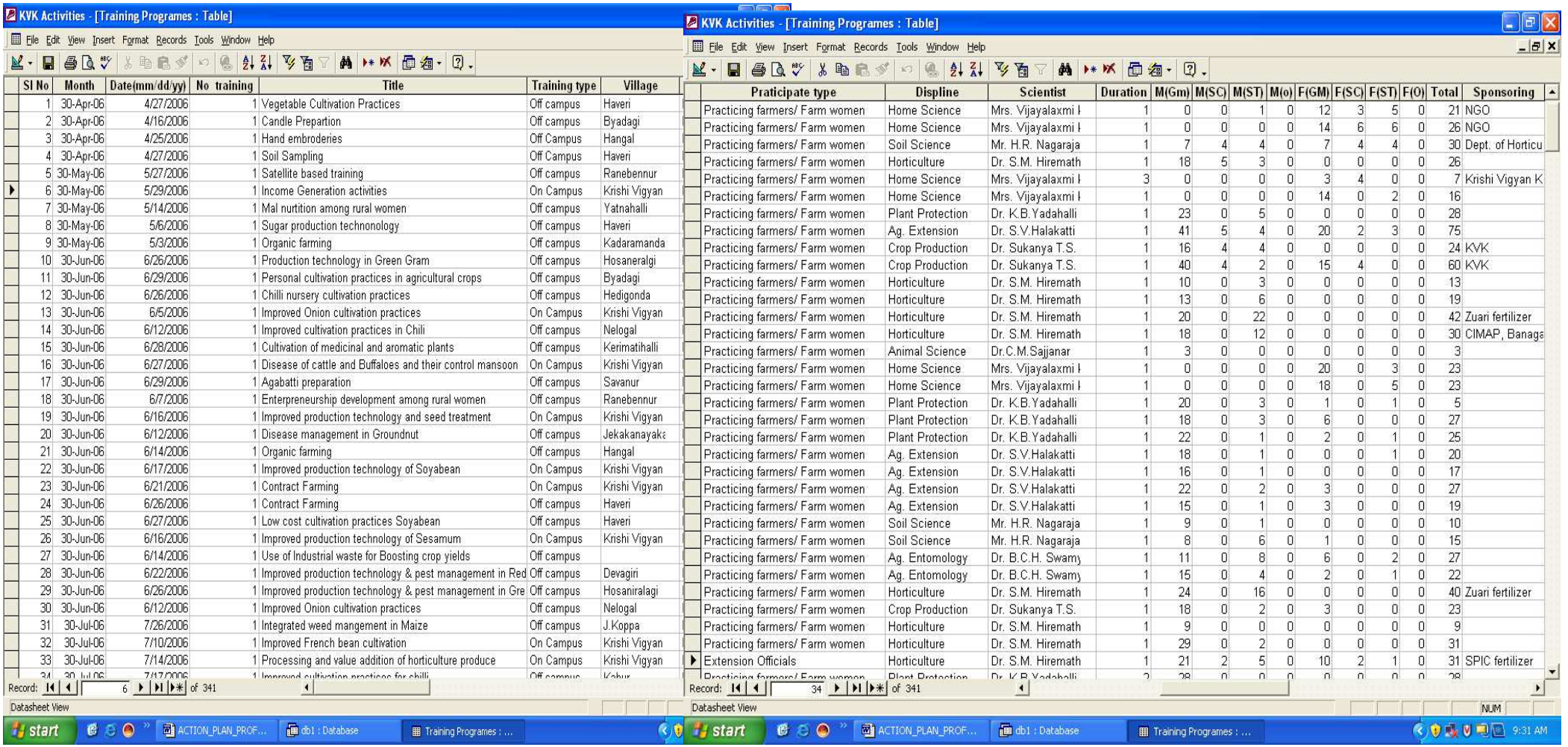
Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
October 2008	-	-	No Sponsorship
November 2008	-	-	-
December 2008	128	6	-
January 2009	-	-	-
February 2009	-	-	-
March 2009	-	-	-
April 2009	-	-	-
May 2009	-	-	Farmers busy with farm operations
June 2009	-	-	Farmers busy with farm operations
July 2009	-	-	Farmers busy with farm operations
August 2009	-	-	Farmers busy with farm operations
September 2009	-	-	Farmers busy with farm operations

13.F. Database management

S. No	Database target	Database created
1.	Training Database	Completed
2.	Soil Analysis Data Base	Completed
3.	Water Analysis Data Base	Completed
4.	KVK Inventory of Assets	Under progress
5.	Database of Extension Programmes	Under progress
6.	Seeds and Planting Material Database	Under Progress
7.	Resource inventory of the District	Under progress
8.	Farmers Database	Under Progress
9.	KVK Accounts Database	Under progress
10.	Frontline Demonstrations Database	Under progress
11.	Technology Inventory for the District	Yet to be start
12.	Database for Technologies assessed and Refined	Yet to be start

Created Database (2007-08)

a. Training Database : Table



KVK Activities - [Training Programes : Table]

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Sl No	Month	Date(mm/dd/yy)	No training	Title	Training type	Village
1	30-Apr-06	4/27/2006	1	Vegetable Cultivation Practices	Off campus	Haveri
2	30-Apr-06	4/16/2006	1	Candle Prepartion	Off campus	Byadagi
3	30-Apr-06	4/25/2006	1	Hand embroderies	Off Campus	Hangal
4	30-Apr-06	4/27/2006	1	Soil Sampling	Off Campus	Haveri
5	30-May-06	5/27/2006	1	Satellite based training	Off campus	Ranebennur
6	30-May-06	5/29/2006	1	Income Generation activities	On Campus	Krishi Vigyan
7	30-May-06	5/14/2006	1	Mal nurtition among rural women	Off campus	Yatnahalli
8	30-May-06	5/6/2006	1	Sugar production technonology	Off campus	Haveri
9	30-May-06	5/3/2006	1	Organic farming	Off campus	Kadaramanda
10	30-Jun-06	6/26/2006	1	Production technology in Green Gram	Off campus	Hosaneralgi
11	30-Jun-06	6/29/2006	1	Personal cultivation practices in agricultural crops	Off campus	Byadagi
12	30-Jun-06	6/26/2006	1	Chilli nursery cultivation practices	Off campus	Hedigonda
13	30-Jun-06	6/5/2006	1	Improved Onion cultivation practices	On Campus	Krishi Vigyan
14	30-Jun-06	6/12/2006	1	Improved cultivation practices in Chili	Off campus	Nelogal
15	30-Jun-06	6/28/2006	1	Cultivation of medicinal and aromatic plants	Off campus	Kerimatihalli
16	30-Jun-06	6/27/2006	1	Disease of cattle and Buffaloes and their control mansoon	On Campus	Krishi Vigyan
17	30-Jun-06	6/29/2006	1	Agabatti preparation	Off campus	Savanur
18	30-Jun-06	6/7/2006	1	Enterpreneurship development among rural women	Off campus	Ranebennur
19	30-Jun-06	6/16/2006	1	Improved production technology and seed treatment	On Campus	Krishi Vigyan
20	30-Jun-06	6/12/2006	1	Disease management in Groundnut	Off campus	Jekakanayaka
21	30-Jun-06	6/14/2006	1	Organic farming	Off campus	Hangal
22	30-Jun-06	6/17/2006	1	Improved production technology of Soyabean	On Campus	Krishi Vigyan
23	30-Jun-06	6/21/2006	1	Contract Farming	On Campus	Krishi Vigyan
24	30-Jun-06	6/26/2006	1	Contract Farming	Off campus	Haveri
25	30-Jun-06	6/27/2006	1	Low cost cultivation practices Soyabean	Off campus	Haveri
26	30-Jun-06	6/16/2006	1	Improved production technology of Sesamum	On Campus	Krishi Vigyan
27	30-Jun-06	6/14/2006	1	Use of Industrial waste for Boosting crop yields	Off campus	
28	30-Jun-06	6/22/2006	1	Improved production technology & pest management in Red	Off campus	Devagiri
29	30-Jun-06	6/26/2006	1	Improved production technology & pest management in Gre	Off campus	Hosaniralagi
30	30-Jun-06	6/12/2006	1	Improved Onion cultivation practices	Off campus	Nelogal
31	30-Jul-06	7/26/2006	1	Integrated weed mangement in Maize	Off campus	J.Koppa
32	30-Jul-06	7/10/2006	1	Improved French bean cultivation	On Campus	Krishi Vigyan
33	30-Jul-06	7/14/2006	1	Processing and value addition of horticulture produce	On Campus	Krishi Vigyan
34	30-Jul-06	7/17/2006	1	Improved cultivation practices for chilli	Off campus	Kohur

Record: 6 of 341

Datasheet View

KVK Activities - [Training Programes : Table]

File Edit View Insert Format Records Tools Window Help

Praticipate type	Displine	Scientist	Duration	M(Gm)	M(SC)	M(ST)	M(o)	F(GM)	F(SC)	F(ST)	F(O)	Total	Sponsoring
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	1	0	0	1	0	12	3	5	0	21	NGO
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	1	0	0	0	0	14	6	6	0	26	NGO
Practicing farmers/ Farm women	Soil Science	Mr. H.R. Nagaraja	1	7	4	4	0	7	4	4	0	30	Dept. of Horticu
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	18	5	3	0	0	0	0	0	26	
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	3	0	0	0	0	3	4	0	0	7	Krishi Vigyan K
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	1	0	0	0	0	14	0	2	0	16	
Practicing farmers/ Farm women	Plant Protection	Dr. K.B.Yadahalli	1	23	0	5	0	0	0	0	0	28	
Practicing farmers/ Farm women	Ag. Extension	Dr. S.V.Halakatti	1	41	5	4	0	20	2	3	0	75	
Practicing farmers/ Farm women	Crop Production	Dr. Sukanya T.S.	1	16	4	4	0	0	0	0	0	24	KVK
Practicing farmers/ Farm women	Crop Production	Dr. Sukanya T.S.	1	40	4	2	0	15	4	0	0	60	KVK
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	10	0	3	0	0	0	0	0	13	
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	13	0	6	0	0	0	0	0	19	
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	20	0	22	0	0	0	0	0	42	Zuari fertilizer
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	18	0	12	0	0	0	0	0	30	CIMAP, Banaga
Practicing farmers/ Farm women	Animal Science	Dr.C.M.Sajjanar	1	3	0	0	0	0	0	0	0	3	
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	1	0	0	0	0	20	0	3	0	23	
Practicing farmers/ Farm women	Home Science	Mrs. Vijayalaxmi I	1	0	0	0	0	18	0	5	0	23	
Practicing farmers/ Farm women	Plant Protection	Dr. K.B.Yadahalli	1	20	0	3	0	1	0	1	0	5	
Practicing farmers/ Farm women	Plant Protection	Dr. K.B.Yadahalli	1	18	0	3	0	6	0	0	0	27	
Practicing farmers/ Farm women	Plant Protection	Dr. K.B.Yadahalli	1	22	0	1	0	2	0	1	0	25	
Practicing farmers/ Farm women	Ag. Extension	Dr. S.V.Halakatti	1	18	0	1	0	0	0	1	0	20	
Practicing farmers/ Farm women	Ag. Extension	Dr. S.V.Halakatti	1	16	0	1	0	0	0	0	0	17	
Practicing farmers/ Farm women	Ag. Extension	Dr. S.V.Halakatti	1	22	0	2	0	3	0	0	0	27	
Practicing farmers/ Farm women	Ag. Extension	Dr. S.V.Halakatti	1	15	0	1	0	3	0	0	0	19	
Practicing farmers/ Farm women	Soil Science	Mr. H.R. Nagaraja	1	9	0	1	0	0	0	0	0	10	
Practicing farmers/ Farm women	Soil Science	Mr. H.R. Nagaraja	1	8	0	6	0	1	0	0	0	15	
Practicing farmers/ Farm women	Ag. Entomology	Dr. B.C.H. Swamy	1	11	0	8	0	6	0	2	0	27	
Practicing farmers/ Farm women	Ag. Entomology	Dr. B.C.H. Swamy	1	15	0	4	0	2	0	1	0	22	
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	24	0	16	0	0	0	0	0	40	Zuari fertilizer
Practicing farmers/ Farm women	Crop Production	Dr. Sukanya T.S.	1	18	0	2	0	3	0	0	0	23	
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	9	0	0	0	0	0	0	0	9	
Practicing farmers/ Farm women	Horticulture	Dr. S.M. Hiremath	1	29	0	2	0	0	0	0	0	31	
Extension Officials	Horticulture	Dr. S.M. Hiremath	1	21	2	5	0	10	2	1	0	31	SPIC fertilizer
Practicing farmers/ Farm women	Plant Protection	Dr. K.B.Yadahalli	2	28	0	0	0	0	0	0	0	28	

Record: 34 of 341

Datasheet View

NUM

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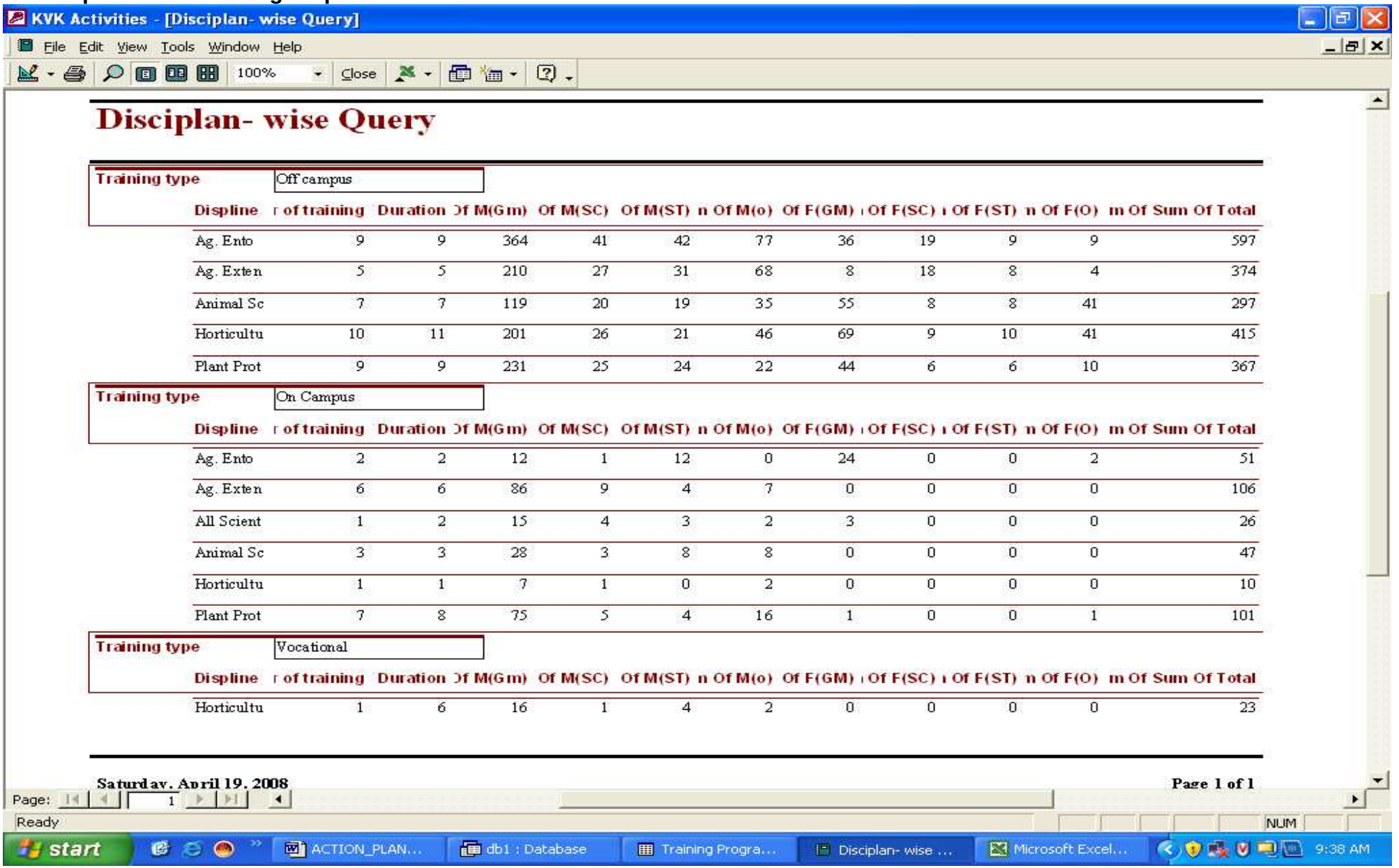
b. Discipline wise Training Report



Disciplan- wise Query

Training type Off campus

Displine	r of training	Duration	Of M(Gm)	Of M(SC)	Of M(ST)	n Of M(o)	Of F(GM)	Of F(SC)	Of F(ST)	n Of F(O)	m Of Sum Of Total
Ag. Ento	9	9	364	41	42	77	36	19	9	9	597
Ag. Exten	5	5	210	27	31	68	8	18	8	4	374
Animal Sc	7	7	119	20	19	35	55	8	8	41	297
Horticultu	10	11	201	26	21	46	69	9	10	41	415
Plant Prot	9	9	231	25	24	22	44	6	6	10	367

Training type On Campus

Displine	r of training	Duration	Of M(Gm)	Of M(SC)	Of M(ST)	n Of M(o)	Of F(GM)	Of F(SC)	Of F(ST)	n Of F(O)	m Of Sum Of Total
Ag. Ento	2	2	12	1	12	0	24	0	0	2	51
Ag. Exten	6	6	86	9	4	7	0	0	0	0	106
All Scient	1	2	15	4	3	2	3	0	0	0	26
Animal Sc	3	3	28	3	8	8	0	0	0	0	47
Horticultu	1	1	7	1	0	2	0	0	0	0	10
Plant Prot	7	8	75	5	4	16	1	0	0	1	101

Training type Vocational

Displine	r of training	Duration	Of M(Gm)	Of M(SC)	Of M(ST)	n Of M(o)	Of F(GM)	Of F(SC)	Of F(ST)	n Of F(O)	m Of Sum Of Total
Horticultu	1	6	16	1	4	2	0	0	0	0	23

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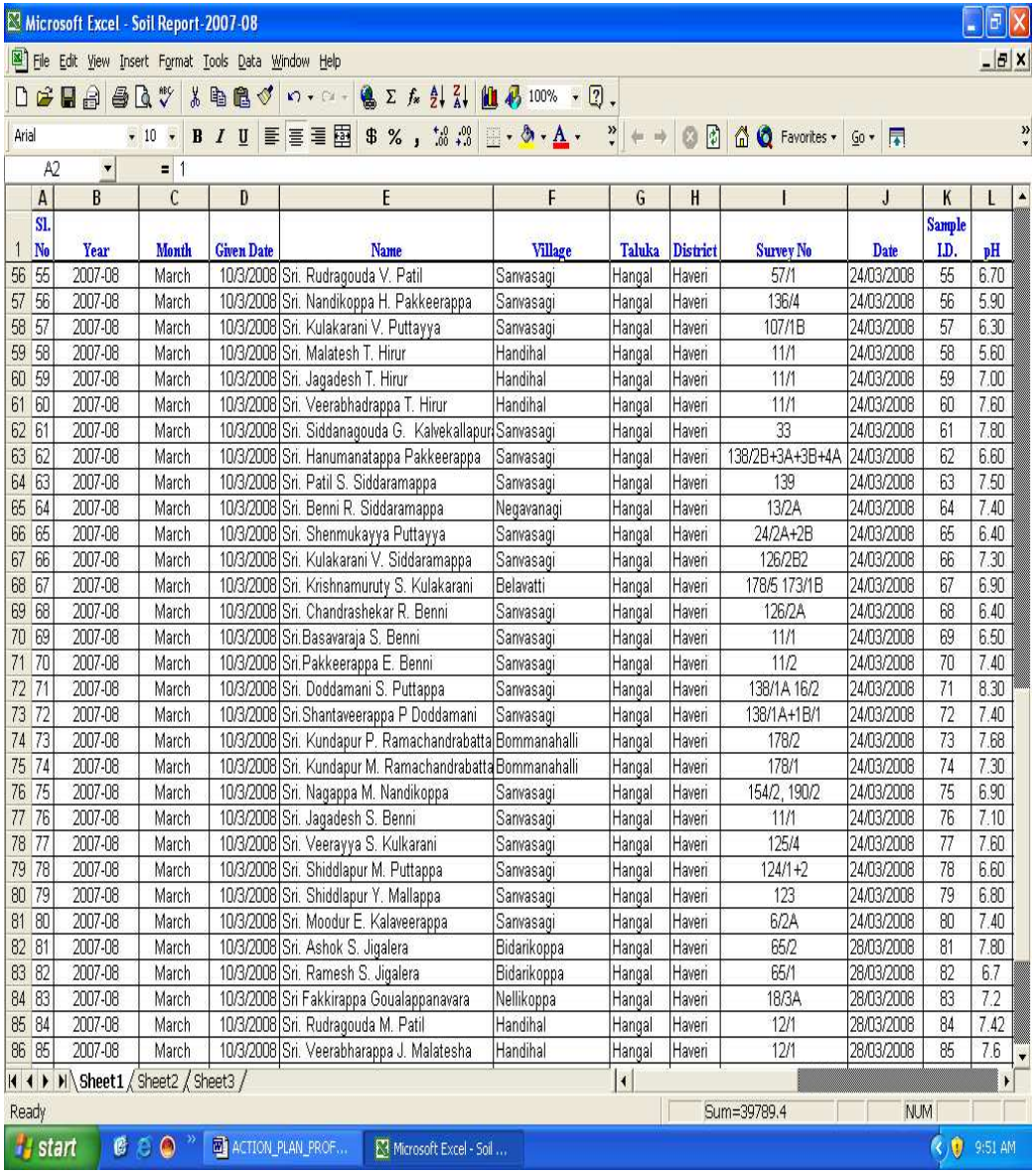
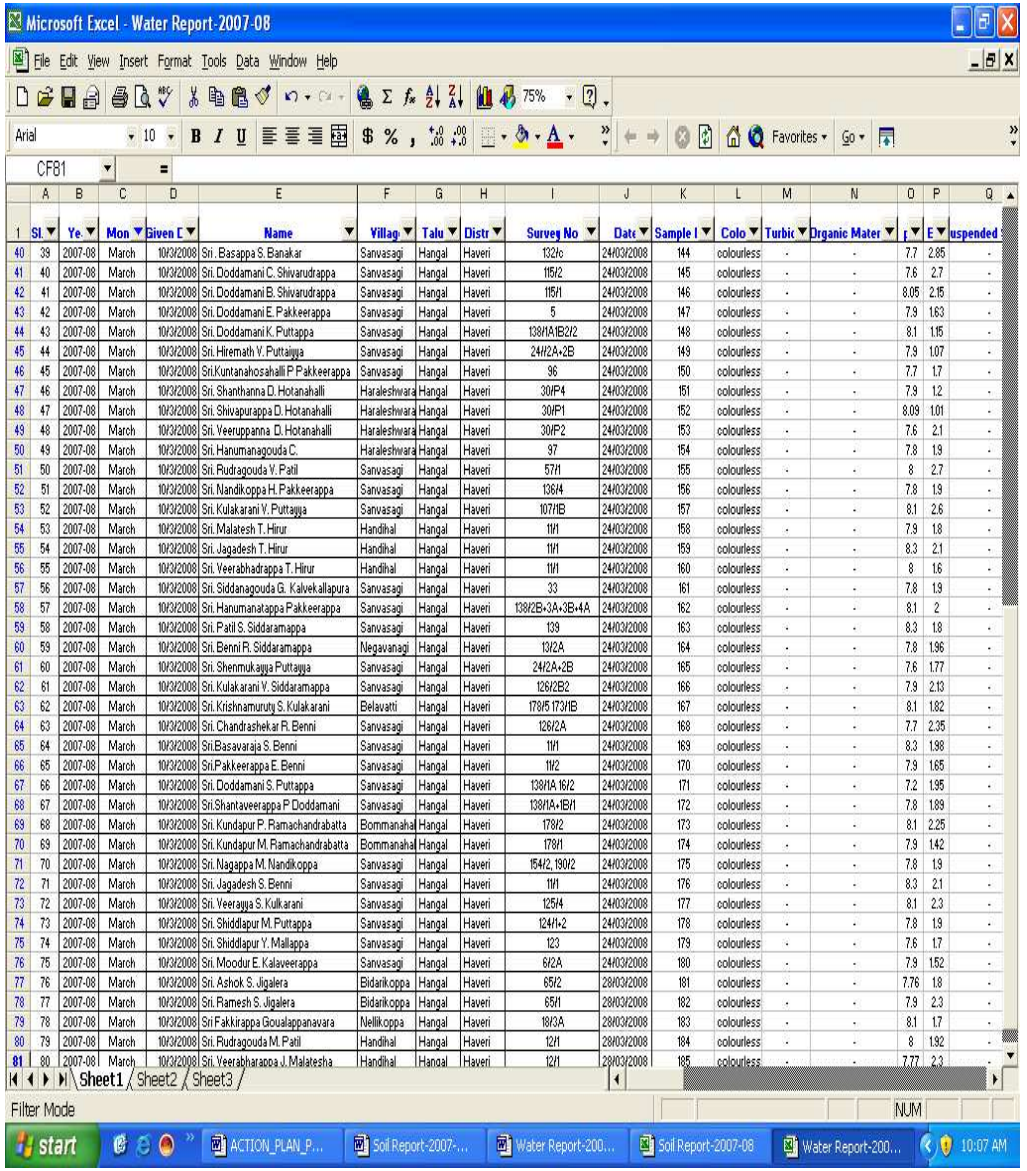
c. Soil & Water analysis Report Database (Excel and Word mail merge)

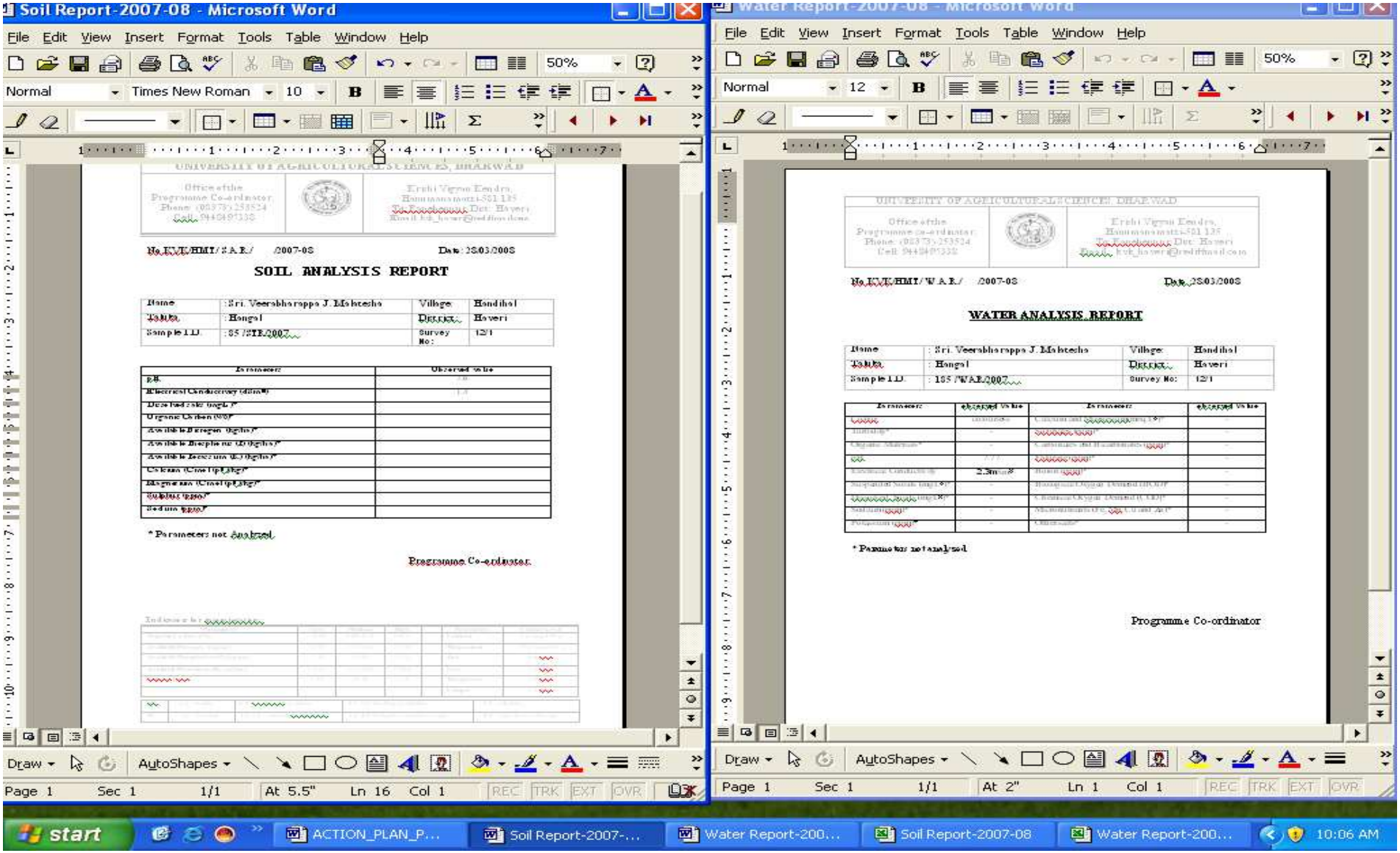


	A	B	C	D	E	F	G	H	I	J	K	L
1	Sl. No	Year	Month	Given Date	Name	Village	Taluka	District	Survey No	Date	Sample I.D.	pH
56	55	2007-08	March	10/3/2008	Sri. Rudragouda V. Patil	Sanvasagi	Hangal	Haveri	57/1	24/03/2008	55	6.70
57	56	2007-08	March	10/3/2008	Sri. Nandikoppa H. Pakkeerappa	Sanvasagi	Hangal	Haveri	136/4	24/03/2008	56	5.90
58	57	2007-08	March	10/3/2008	Sri. Kulakarani V. Puttayya	Sanvasagi	Hangal	Haveri	107/1B	24/03/2008	57	6.30
59	58	2007-08	March	10/3/2008	Sri. Malatesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	58	5.60
60	59	2007-08	March	10/3/2008	Sri. Jagadesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	59	7.00
61	60	2007-08	March	10/3/2008	Sri. Veerabhadrappa T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	60	7.60
62	61	2007-08	March	10/3/2008	Sri. Siddanagouda G. Kalvekallapur	Sanvasagi	Hangal	Haveri	33	24/03/2008	61	7.80
63	62	2007-08	March	10/3/2008	Sri. Hanumanatappa Pakkeerappa	Sanvasagi	Hangal	Haveri	138/2B+3A+3B+4A	24/03/2008	62	6.60
64	63	2007-08	March	10/3/2008	Sri. Patil S. Siddaramappa	Sanvasagi	Hangal	Haveri	139	24/03/2008	63	7.50
65	64	2007-08	March	10/3/2008	Sri. Benni R. Siddaramappa	Negavanagi	Hangal	Haveri	13/2A	24/03/2008	64	7.40
66	65	2007-08	March	10/3/2008	Sri. Shenmukayya Puttayya	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	65	6.40
67	66	2007-08	March	10/3/2008	Sri. Kulakarani V. Siddaramappa	Sanvasagi	Hangal	Haveri	126/2B2	24/03/2008	66	7.30
68	67	2007-08	March	10/3/2008	Sri. Krishnamuruty S. Kulakarani	Belavatti	Hangal	Haveri	178/5 173/1B	24/03/2008	67	6.90
69	68	2007-08	March	10/3/2008	Sri. Chandrashekar R. Benni	Sanvasagi	Hangal	Haveri	126/2A	24/03/2008	68	6.40
70	69	2007-08	March	10/3/2008	Sri.Basavaraja S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	69	6.50
71	70	2007-08	March	10/3/2008	Sri.Pakkeerappa E. Benni	Sanvasagi	Hangal	Haveri	11/2	24/03/2008	70	7.40
72	71	2007-08	March	10/3/2008	Sri. Doddamani S. Puttappa	Sanvasagi	Hangal	Haveri	138/1A 16/2	24/03/2008	71	8.30
73	72	2007-08	March	10/3/2008	Sri.Shantaveerappa P Doddamani	Sanvasagi	Hangal	Haveri	138/1A+1B/1	24/03/2008	72	7.40
74	73	2007-08	March	10/3/2008	Sri. Kundapur P. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/2	24/03/2008	73	7.68
75	74	2007-08	March	10/3/2008	Sri. Kundapur M. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/1	24/03/2008	74	7.30
76	75	2007-08	March	10/3/2008	Sri. Nagappa M. Nandikoppa	Sanvasagi	Hangal	Haveri	154/2, 190/2	24/03/2008	75	6.90
77	76	2007-08	March	10/3/2008	Sri. Jagadesh S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	76	7.10
78	77	2007-08	March	10/3/2008	Sri. Veerayya S. Kulkarani	Sanvasagi	Hangal	Haveri	125/4	24/03/2008	77	7.60
79	78	2007-08	March	10/3/2008	Sri. Shiddlapur M. Puttappa	Sanvasagi	Hangal	Haveri	124/1+2	24/03/2008	78	6.60
80	79	2007-08	March	10/3/2008	Sri. Shiddlapur Y. Mallappa	Sanvasagi	Hangal	Haveri	123	24/03/2008	79	6.80
81	80	2007-08	March	10/3/2008	Sri. Moodur E. Kalaveerappa	Sanvasagi	Hangal	Haveri	6/2A	24/03/2008	80	7.40
82	81	2007-08	March	10/3/2008	Sri. Ashok S. Jigalera	Bidarikoppa	Hangal	Haveri	65/2	28/03/2008	81	7.80
83	82	2007-08	March	10/3/2008	Sri. Ramesh S. Jigalera	Bidarikoppa	Hangal	Haveri	65/1	28/03/2008	82	6.7
84	83	2007-08	March	10/3/2008	Sri Fakkirappa Goualappanavara	Nellikoppa	Hangal	Haveri	18/3A	28/03/2008	83	7.2
85	84	2007-08	March	10/3/2008	Sri. Rudragouda M. Patil	Handihal	Hangal	Haveri	12/1	28/03/2008	84	7.42
86	85	2007-08	March	10/3/2008	Sri. Veerabharappa J. Malatesha	Handihal	Hangal	Haveri	12/1	28/03/2008	85	7.6

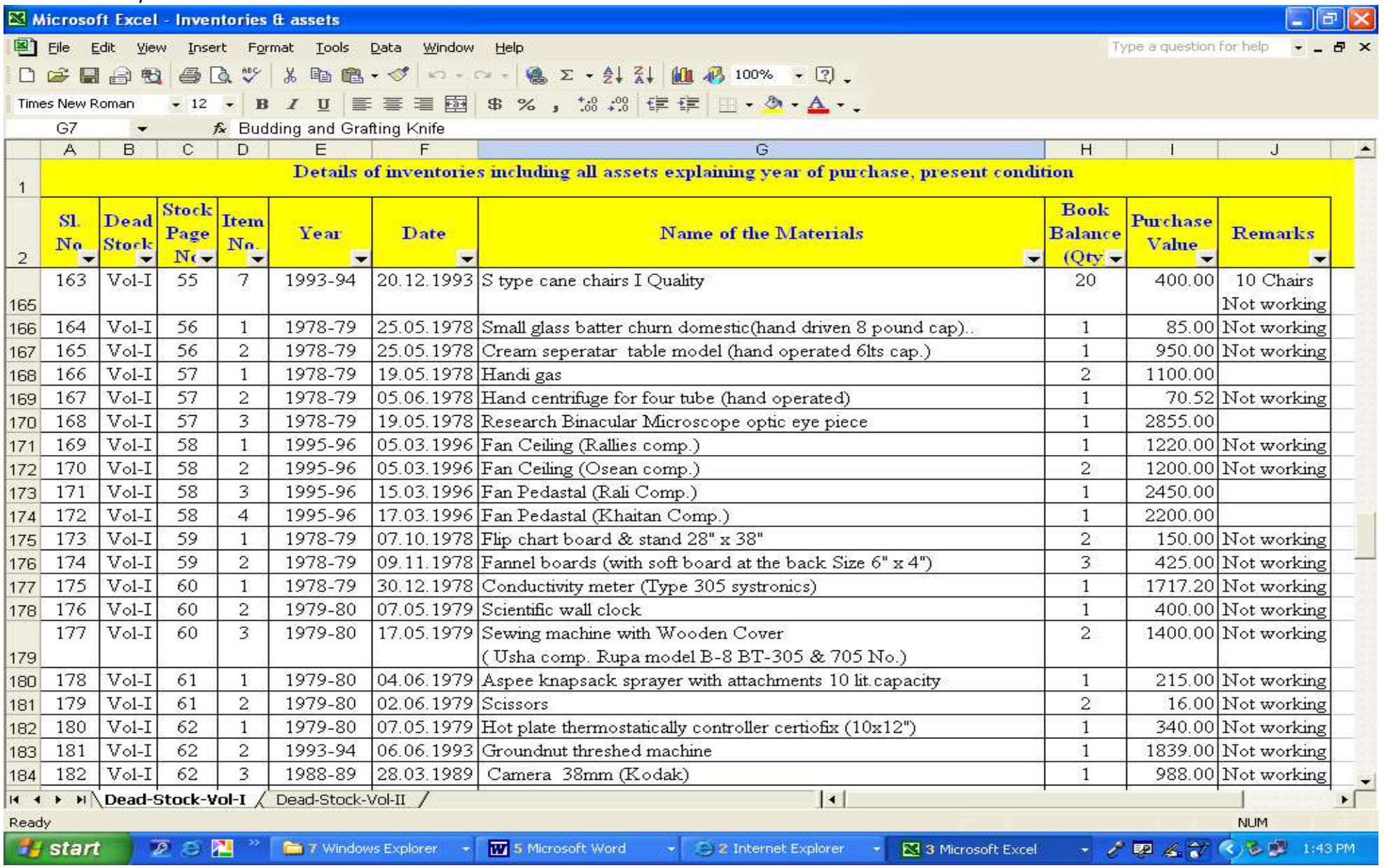


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Sl	Ye	Mon	Given D	Name	Villag	Talu	Distr	Survey No	Date	Sample I	Colo	Turbic	Organic Mater	p	E	uspended
40	39	2007-08	March	10/3/2008	Sri. Basappa S. Banakar	Sanvasagi	Hangal	Haveri	132/c	24/03/2008	144	colourless	-	-	7.7	2.85	-
41	40	2007-08	March	10/3/2008	Sri. Doddamani C. Shivarudrappa	Sanvasagi	Hangal	Haveri	115/2	24/03/2008	145	colourless	-	-	7.6	2.7	-
42	41	2007-08	March	10/3/2008	Sri. Doddamani B. Shivarudrappa	Sanvasagi	Hangal	Haveri	115/1	24/03/2008	146	colourless	-	-	8.05	2.15	-
43	42	2007-08	March	10/3/2008	Sri. Doddamani E. Pakkeerappa	Sanvasagi	Hangal	Haveri	5	24/03/2008	147	colourless	-	-	7.9	1.63	-
44	43	2007-08	March	10/3/2008	Sri. Doddamani K. Puttappa	Sanvasagi	Hangal	Haveri	138/1A1B2/2	24/03/2008	148	colourless	-	-	8.1	1.15	-
45	44	2007-08	March	10/3/2008	Sri. Hiremath V. Puttaiyya	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	149	colourless	-	-	7.9	1.07	-
46	45	2007-08	March	10/3/2008	Sri.Kuntanahosahalli P Pakkeerappa	Sanvasagi	Hangal	Haveri	96	24/03/2008	150	colourless	-	-	7.7	1.7	-
47	46	2007-08	March	10/3/2008	Sri. Shanthanna D. Hotanahalli	Haraleshwara	Hangal	Haveri	30/P4	24/03/2008	151	colourless	-	-	7.9	1.2	-
48	47	2007-08	March	10/3/2008	Sri. Shivapurappa D. Hotanahalli	Haraleshwara	Hangal	Haveri	30/P1	24/03/2008	152	colourless	-	-	8.09	1.01	-
49	48	2007-08	March	10/3/2008	Sri. Veeruppanna D. Hotanahalli	Haraleshwara	Hangal	Haveri	30/P2	24/03/2008	153	colourless	-	-	7.6	2.1	-
50	49	2007-08	March	10/3/2008	Sri. Hanumanagouda C.	Haraleshwara	Hangal	Haveri	97	24/03/2008	154	colourless	-	-	7.8	1.9	-
51	50	2007-08	March	10/3/2008	Sri. Rudragouda V. Patil	Sanvasagi	Hangal	Haveri	57/1	24/03/2008	155	colourless	-	-	8	2.7	-
52	51	2007-08	March	10/3/2008	Sri. Nandikoppa H. Pakkeerappa	Sanvasagi	Hangal	Haveri	136/4	24/03/2008	156	colourless	-	-	7.8	1.9	-
53	52	2007-08	March	10/3/2008	Sri. Kulakarani V. Puttayya	Sanvasagi	Hangal	Haveri	107/1B	24/03/2008	157	colourless	-	-	8.1	2.6	-
54	53	2007-08	March	10/3/2008	Sri. Malatesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	158	colourless	-	-	7.9	1.8	-
55	54	2007-08	March	10/3/2008	Sri. Jagadesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	159	colourless	-	-	8.3	2.1	-
56	55	2007-08	March	10/3/2008	Sri. Veerabhadrappa T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	160	colourless	-	-	8	1.6	-
57	56	2007-08	March	10/3/2008	Sri. Siddanagouda G. Kalvekallapura	Sanvasagi	Hangal	Haveri	33	24/03/2008	161	colourless	-	-	7.8	1.9	-
58	57	2007-08	March	10/3/2008	Sri. Hanumanatappa Pakkeerappa	Sanvasagi	Hangal	Haveri	138/2B+3A+3B+4A	24/03/2008	162	colourless	-	-	8.1	2	-
59	58	2007-08	March	10/3/2008	Sri. Patil S. Siddaramappa	Sanvasagi	Hangal	Haveri	139	24/03/2008	163	colourless	-	-	8.3	1.8	-
60	59	2007-08	March	10/3/2008	Sri. Benni R. Siddaramappa	Negavanagi	Hangal	Haveri	13/2A	24/03/2008	164	colourless	-	-	7.8	1.96	-
61	60	2007-08	March	10/3/2008	Sri. Shenmukayya Puttayya	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	165	colourless	-	-	7.6	1.77	-
62	61	2007-08	March	10/3/2008	Sri. Kulakarani V. Siddaramappa	Sanvasagi	Hangal	Haveri	126/2B2	24/03/2008	166	colourless	-	-	7.9	2.13	-
63	62	2007-08	March	10/3/2008	Sri. Krishnamuruty S. Kulakarani	Belavatti	Hangal	Haveri	178/5 173/1B	24/03/2008	167	colourless	-	-	8.1	1.82	-
64	63	2007-08	March	10/3/2008	Sri. Chandrashekar R. Benni	Sanvasagi	Hangal	Haveri	126/2A	24/03/2008	168	colourless	-	-	7.7	2.35	-
65	64	2007-08	March	10/3/2008	Sri.Basavaraja S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	169	colourless	-	-	8.3	1.98	-
66	65	2007-08	March	10/3/2008	Sri.Pakkeerappa E. Benni	Sanvasagi	Hangal	Haveri	11/2	24/03/2008	170	colourless	-	-	7.9	1.65	-
67	66	2007-08	March	10/3/2008	Sri. Doddamani S. Puttappa	Sanvasagi	Hangal	Haveri	138/1A 16/2	24/03/2008	171	colourless	-	-	7.2	1.95	-
68	67	2007-08	March	10/3/2008	Sri.Shantaveerappa P Doddamani	Sanvasagi	Hangal	Haveri	138/1A+1B/1	24/03/2008	172	colourless	-	-	7.8	1.89	-
69	68	2007-08	March	10/3/2008	Sri. Kundapur P. Ramachandrabatta	Bommanahal	Hangal	Haveri	178/2	24/03/2008	173	colourless	-	-	8.1	2.25	-
70	69	2007-08	March	10/3/2008	Sri. Kundapur M. Ramachandrabatta	Bommanahal	Hangal	Haveri	178/1	24/03/2008	174	colourless	-	-	7.9	1.42	-
71	70	2007-08	March	10/3/2008	Sri. Nagappa M. Nandikoppa	Sanvasagi	Hangal	Haveri	154/2, 190/2	24/03/2008	175	colourless	-	-	7.8	1.9	-
72	71	2007-08	March	10/3/2008	Sri. Jagadesh S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	176	colourless	-	-	8.3	2.1	-
73	72	2007-08	March	10/3/2008	Sri. Veerayya S. Kulkarani	Sanvasagi	Hangal	Haveri	125/4	24/03/2008	177	colourless	-	-	8.1	2.3	-
74	73	2007-08	March	10/3/2008	Sri. Shiddlapur M. Puttappa	Sanvasagi	Hangal	Haveri	124/1+2	24/03/2008	178	colourless	-	-	7.8	1.9	-
75	74	2007-08	March	10/3/2008	Sri. Shiddlapur Y. Mallappa	Sanvasagi	Hangal	Haveri	123	24/03/2008	179	colourless	-	-	7.6	1.7	-
76	75	2007-08	March	10/3/2008	Sri. Moodur E. Kalaveerappa	Sanvasagi	Hangal	Haveri	6/2A	24/03/2008	180	colourless	-	-	7.9	1.52	-
77	76	2007-08	March	10/3/2008	Sri. Ashok S. Jigalera	Bidarikoppa	Hangal	Haveri	65/2	28/03/2008	181	colourless	-	-	7.76	1.8	-
78	77	2007-08	March	10/3/2008	Sri. Ramesh S. Jigalera	Bidarikoppa	Hangal	Haveri	65/1	28/03/2008	182	colourless	-	-	7.9	2.3	-
79	78	2007-08	March	10/3/2008	Sri Fakkirappa Goualappanavara	Nellikoppa	Hangal	Haveri	18/3A	28/03/2008	183	colourless	-	-	8.1	1.7	-
80	79	2007-08	March	10/3/2008	Sri. Rudragouda M. Patil	Handihal	Hangal	Haveri	12/1	28/03/2008	184	colourless	-	-	8	1.92	-
81	80	2007-08	March	10/3/2008	Sri. Veerabharappa J. Malatesha	Handihal	Hangal	Haveri	12/1	28/03/2008	185	colourless	-	-	7.77	2.3	-

d. Prescription report of Soil & Water analysis:



e. KVK Inventory of Assets



	A	B	C	D	E	F	G	H	I	J
1	Details of inventories including all assets explaining year of purchase, present condition									
2	Sl. No	Dead Stock	Stock Page No	Item No.	Year	Date	Name of the Materials	Book Balance (Qty	Purchase Value	Remarks
165	163	Vol-I	55	7	1993-94	20.12.1993	S type cane chairs I Quality	20	400.00	10 Chairs Not working
166	164	Vol-I	56	1	1978-79	25.05.1978	Small glass batter churn domestic(hand driven 8 pound cap)..	1	85.00	Not working
167	165	Vol-I	56	2	1978-79	25.05.1978	Cream seperatar table model (hand operated 6lts cap.)	1	950.00	Not working
168	166	Vol-I	57	1	1978-79	19.05.1978	Handi gas	2	1100.00	
169	167	Vol-I	57	2	1978-79	05.06.1978	Hand centrifuge for four tube (hand operated)	1	70.52	Not working
170	168	Vol-I	57	3	1978-79	19.05.1978	Research Binacular Microscope optic eye piece	1	2855.00	
171	169	Vol-I	58	1	1995-96	05.03.1996	Fan Ceiling (Rallies comp.)	1	1220.00	Not working
172	170	Vol-I	58	2	1995-96	05.03.1996	Fan Ceiling (Osean comp.)	2	1200.00	Not working
173	171	Vol-I	58	3	1995-96	15.03.1996	Fan Pedastal (Rali Comp.)	1	2450.00	
174	172	Vol-I	58	4	1995-96	17.03.1996	Fan Pedastal (Khaitan Comp.)	1	2200.00	
175	173	Vol-I	59	1	1978-79	07.10.1978	Flip chart board & stand 28" x 38"	2	150.00	Not working
176	174	Vol-I	59	2	1978-79	09.11.1978	Fannel boards (with soft board at the back Size 6" x 4")	3	425.00	Not working
177	175	Vol-I	60	1	1978-79	30.12.1978	Conductivity meter (Type 305 systronics)	1	1717.20	Not working
178	176	Vol-I	60	2	1979-80	07.05.1979	Scientific wall clock	1	400.00	Not working
179	177	Vol-I	60	3	1979-80	17.05.1979	Sewing machine with Wooden Cover (Usha comp. Rupa model B-8 BT-305 & 705 No.)	2	1400.00	Not working
180	178	Vol-I	61	1	1979-80	04.06.1979	Aspee knapsack sprayer with attachments 10 lit.capacity	1	215.00	Not working
181	179	Vol-I	61	2	1979-80	02.06.1979	Scissors	2	16.00	Not working
182	180	Vol-I	62	1	1979-80	07.05.1979	Hot plate thermostatically controller certiofix (10x12")	1	340.00	Not working
183	181	Vol-I	62	2	1993-94	06.06.1993	Groundnut threshed machine	1	1839.00	Not working
184	182	Vol-I	62	3	1988-89	28.03.1989	Camera 38mm (Kodak)	1	988.00	Not working

13.G. Details on Rain Water Harvesting structure and micro-irrigation system

Amount sanction (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
998000.00	998000.00	➢ Percolation tanks ➢ Percolation ponds ➢ Construction of bunds ➢ Strengthening of existing bunds ➢ Construction of drains / deepening including water ways ➢ Laying of pipe line for conveying harvested water ➢ Pump sets ➢ Vermicompost production unit ➢ Apiculture colonies ➢ Fodder unit (Guinea grass)	08	25	-	25	05	-	-

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	SBI, Dharwad	Dharwad			-		
With KVK	SBI RNR	RNR	600909	Savings Bank	10811387955	KVK Main	SBIN-0000909
					10811389160	ICAR RF	
					10811388951	Training RF	

14.B. Utilization of funds under FLD on Oilseed *(Rs. in Lakh)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2009
	Kharif 2008	Rabi 2008-09	Kharif 2008	Rabi 2008-09	
Inputs	1.05	0.70	0.93	0.67	0.15
Extension activities	0.15	0.10	0.06	0.02	0.17
TA/DA/POL etc.	0.15	0.10	0.15	0.10	0.00
TOTAL	**1.35**	**0.90**	**1.14**	**0.79**	**0.32**

14.C. Utilization of funds under FLD on Pulses *(Rs. in Lakh)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2009
	Kharif 2008	Rabi 2008-09	Kharif 2008	Rabi 2008-09	
Inputs	1.05	0.52	1.04	0.51	0.02
Extension activities	0.15	0.075	0.00	0.02	0.055
TA/DA/POL etc.	0.15	0.075	0.15	0.075	0.00
TOTAL	**1.35**	**0.67**	**1.19**	**0.635**	**0.075**

14.D. Utilization of funds under FLD on Cotton *(Rs. in Lakh)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2009
	Kharif 2008	Rabi 2008-09	Kharif 2008	Rabi 2008-09	
Inputs	0.35	0.00	0.35	0.00	-
Extension activities	0.00	0.00	0.00	0.00	-
TA/DA/POL etc.	0.15	0.00	0.15	0.00	-
TOTAL	0.50	0.00	0.50	0.00	-

14.E. Utilization of KVK funds during the year 2008-09 (previous year) (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	29.00	29.00	29.00
2	**Traveling allowances**	1.00	1.00	1.00
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	1.75	1.75	1.62
B	POL, repair of vehicles, tractor and equipments	0.90	0.90	0.90
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.75	0.75	0.22
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.75	0.75	0.50
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.95	0.95	0.53
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.30	0.30	0.13
G	Training of extension functionaries	0.10	0.10	0.00
H	Maintenance of buildings	0.20	0.20	0.19
I	Establishment of Soil, Plant & Water Testing Laboratory	0.00	0.00	0.00
J	Farmers field school	0.25	0.25	0.24
K	Library	0.05	0.05	0.01
	TOTAL (A)	**36.00**	**36.00**	**34.34**
B. Non-Recurring Contingencies				
1	**Works**			
2	**Equipments including SWTL & Furniture**			
3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
4	**Library** (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
	GRAND TOTAL (A+B+C)	**36.00**	**36.00**	**34.34**

Utilization of KVK funds during the year 2009-10 (upto August 2009) (current year) (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	**Pay & Allowances**	29.00	29.00	18.81
2	**Traveling allowances**	1.00	1.00	0.35
3	**Contingencies**			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	0.90	0.90	0.60
B	POL, repair of vehicles, tractor and equipments	0.65	0.65	0.45
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.60	0.60	0.38
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.40	0.40	0.22
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.09	1.09	0.78
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.61	0.61	0.48
G	Training of extension functionaries	0.10	0.10	0.07
H	Maintenance of buildings	0.15	0.15	0.12
I	Extension Activities	0.15	0.15	0.07
J	Farmers Field school	0.25	0.25	0.10
K	Library	0.10	0.10	0.00
	TOTAL (A)	**35.00**	**35.00**	**22.48**
B. Non-Recurring Contingencies				
1	**Works**	0.00	0.00	0.00
2	**Equipments including SWTL & Furniture**	0.00	0.00	0.00
3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0.00	0.00	0.00
4	**Library** (Purchase of assets like books & journals)	0.00	0.00	0.00
	TOTAL (B)	0.00	0.00	0.00
C. REVOLVING FUND		0.00	0.00	0.00
	GRAND TOTAL (A+B+C)	**35.00**	**35.00**	**22.48**

14.F. Status of revolving fund (Rs. in lakh) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
ICAR				
April 2006 to March 2007	1.30	1.23	0.64	1.89
April 2007 to March 2008	1.89	0.35	0.78	1.46
April 2008 to March 2009	1.46	0.98	0.75	1.69
Training				
April 2006 to March 2007	1.56	Nil	0.27	1.29
April 2007 to March 2008	1.29	0.15	0.25	4.43
April 2008 to March 2009	4.43	0.03	0.40	4.06

PART XV - OTHERS

15. Please include information which has not been reflected above (write in detail).