

University of Agricultural Sciences

DHARWAD



Annual Report
(October, 2007 to September, 2008)
of
KRISHI VIGYAN KENDRA
HANUMANAMATTI



Prepared for the

Annual Review Meeting of KVK's of Zone VIII
2008-09

at

KVK
North Goa
(03rd – 06th November, 2008)

KRISHI VIGYAN KENDRA,
HANUMANAMATTI-581 135
TQ: RANEBENNUR , DT: HAVERI

karnataka state

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ANNUAL REPORT 2008-09

(October 2007-September 2008)

1. 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 15th September 2008)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Highest Qualification	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category
1	Programme Coordinator	Dr. M.V. Nagaraja	PC	Ag. Extn. Edu.	Ph.D (Ag.Extn.Edu.)	12000-16500 (16620)	01.08.07	Permanent	Others
2	Subject Matter Specialist	Dr. K.B. Yadahalli	SMS	Plant Pathology	Ph.D (Plant pathology)	12000-16500 (13680)	03.10.03	Permanent	OBC
3	Subject Matter Specialist	Dr. C.M. Sajjanar	SMS	Animal Science	M.V.Sc. (Animal Science)	8000-13500 (10750)	14.02.97	Permanent	Others
4	Subject Matter Specialist	Dr. S.M. Hiremath	SMS	Horticulture	Ph.D (Horticultur)	8000-13500 (11950)	09.07.02	Permanent	Others
5	Subject Matter Specialist	Dr. B.C. Hanumantha Swamy	SMS	Ag. Entomology	Ph.D (Entomology)	8000-13500 (9650)	03.03.06	Permanent	OBC
6	Subject Matter Specialist	Dr. Shashidhara K. K.	SMS	Ag. Extn. Edu.	Ph.D (Ag.Extn.Edu.)	12480 consolidated)	15.02.07	Temporary	OBC
7	Subject Matter Specialist	Vacant	SMS	Agronomy	-	-	-	-	-
8	Programme Assistant	Vacant	Prog. Asstt.	Soil Science	-	-	-	-	-
9	Computer Programmer	Ms. Rekha K.N.	Prog. Asstt.	Computer Science	M.Sc. (Information technology)	8750 (consolidated)	02.06.04	Temporary	OBC
10	Farm Manager	Mr. Chandrappa K. B.	Prog. Asstt.	B.Sc. (Agriculture)	B.Sc. (Agriculture)	8750 (consolidated)	08.02.07	Temporary	OBC
11	Accountant/ Superintendent	Mr. C. R. Arkachari	Senior Assistant	Arts	B.A.	10000-18500 (11100)	08.09.2008	Permanent	OBC
12	Stenographer	Mr. M.A. Radder	Stenographer	Stenographer	-	8000-14800 (10500)	03.01.08	Permanent	SC
13	Driver	Mr. Mahesh L.M.	Driver cum Mechanic	Driver cum Mechanic	-	5800-10500 (5800)	12.07.06	Permanent	Others
14	Driver	Mr. P.C. Kunbevin	Driver cum Mechanic	Driver cum Mechanic	-	5800-10500 (9050)	07.06.98	Permanent	OBC
15	Supporting staff	Mr. K. B. Belakeri	Messenger	Messenger	-	5200-8200 (6375)	02.11.98	Permanent	OBC
16	Supporting staff	Mr. C. V. Nelogal	Messenger	Messenger	-	5200-8200 (6375)	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

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 (6)		2007	399	39.68	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tempo trax Judo	2002	4.50	1,37,000	Good
Motor cycle Bajaj CT-100	2005	0.40	13,000	Good
Tractor and Trailer New Holland Ford 3230	2005	5.00	1935.5	Good
Motor cycle Bajaj CT-100	2006	0.40	9,100	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 2007-08

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken
1.	09.02.08	17	Conducting of Krishi Andolana in 7 taluks of Haveri District with the support of different development departments	On 11.06.08 in Madapur village of Savanur taluk Krishi Andolana was conducted with the support of BAIF
			In December 2007 Farmers tour was orgaised in this aspect please mention the adoption of technologies which were seen in the tour	The farmers are bring different types of fruit seeds , seedlings and also short durtation cowpea variety.
			Conducting vocational training programmes & how much trainees have utilize this training as an entrepreneurship	Kudupuli village of Hirekerur taluk SHG farm women's raising forest nurseries and marketing to forest office
			Conducting FLD on Sesame using rotavator in cotton & maize	DSS-1 sesame given for FLD and Rotavar is used in KVK, farm
			Staff research project on Azzola	In technical meeting it as been discussed
			Formation of resource inventory on live stock animals	It has been prepared
			Quarterly preparation of NEWS letter without fail	Every quarterly NEWS letter prepared
			Formation of farm pond and give impotence on farm pond	In every taluk for IFS farmers farm pond will be formed
			Prepare technological leaders on various aspects of agriculture	On various aspects of agriculture technological leaders for vericompost, nursery, organic farming and rainwater harvesting
			Timely update of website	Website will updated regularly
			Vertical and horizontal spread of Seeds produced in farm	GPBD-4 & DH-86 were supplied 4 KVKs and EEU's
Popularization of transplanting technique in redgram	In KVK field FLD was conducted on Redgram transplantation			

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken
2	24.07.08	21	Utilizing the ATMA fund and organize Krishi Mela with support of development departments	Action has to be taken
			Calculate economics on FLD cotton by using rotavator and compare with the farmers practices	
			Formation of resource inventory on live stock animals and information on veterinary hospitals in the district	
			In Krishi Anodolan distribute books on subsidies available in different departments	
			Prepare NEWS letter in English and Kannada and print at University DTP center.	
			With the help of Watershed department construct farm ponds in IFS farmers fields and sericulture	
			Give vocational training in other aspects of Agriculture	
			Give agriculture information to farmers once in 15 days for publicity	
			Appoint a contractual typist and update the website	
			Vertical and horizontal spread of Seeds produced in farm	
			Popularization of transplanting technique in redgram	
			Prepare technological leaders on various aspects of agriculture in every hoobli	
			Give importance on vermicomposting and prepare a information on vermicompost	
			Prepare a farmers list on bee keeping	
To popularization the organization give importance on EDP & vocational training				
Organize the farmers and scientist meet with the help of ATMA				

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises

S. No	Farming system/enterprise
1	Maize, Cotton, Minor millets, Sorghum, Groundnut, Sunflower, Soyabean, Greengram, Horticulture crops , Animal husbandry, Integrated farming system, Agro-silvi-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)	<ul style="list-style-type: none">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

A. Agriculture crops

S.No	Crop	Area(ha)	Production(t)	Productivity(qtl./ha)
1.	Paddy	39693	77699	19.57
2.	Maize	126780	335984	26.50
3.	Sorghum	44110	52068	11.80
4.	Cotton	78536	24625 (Bales)	3.14
5.	Groundnut	25163	28800	11.45
6.	Soyabean	11409	13805	12.10
7.	Sunflower	12953	8518	6.58
8.	Greengram	13835	2677	1.94
9.	Redgram	11869	6053	5.10
10.	Millets	196953	106355	5.40
11.	Horse gram	11599	5267	4.54
12.	Wheat	11197	373	3.73
13.	Sugar cane	2611	169715	65 (t/h)

B. Horticulture crops

S.No	Crop	Area(ha)	Production(t)	Productivity(t./ha)
1.	Mango	1808	33032	18.27
2.	Banana	2033	60510	29.76
3.	Onion	8550	158316	18.50
4.	Chilli (Green)	2840	53966	19.00
5.	Cole crops	612	12222	19.97
6.	Leafy vegetables	372	3754	10.09
7.	Garlic	1840	12120	6.59
8.	Chilli (Dry)	33274	48811	1.47
9.	Coconut	2815	317.02	0.11
10.	Betel vine (Lakh leaves)	703	17028.5	24.22
11.	Mari gold	515	5040	9.79
12.	Jasmine	339	2236	6.50
13.	Chrysanthemum	249	3365	13.51

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
Oct-07	108.76	31.49	20.7	64.20
Nov-07	14.41	30.89	24.88	67.61
Dec-07	0.00	31.35	14.87	55.48
Jan-08	0.00	31.75	14.95	44.81
Feb-08	0.00	32.67	16.61	48.44
March-08	109.44	36.01	20.70	54.75
April-08	33.43	37.05	22.82	55.63
May-08	71.84	33.00	22.59	65.36
June-08	117.73	32.00	22.20	81.21
July-08	23.47	35.64	22.20	85.15
August-08	152.12	26.38	22.21	86.15
Sept-08	88.4	27.91	21.26	88.35

Department of Agriculture, Haveri

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

Category	Population	Production	Productivity
Cattle			Meat 86.66 kg/animal
<i>Crossbred</i>	56747	24000 tones	5.63 kg milk
<i>Indigenous</i>	235402	26000 tones	2.1 kg milk
Buffalo	113847	32000 tones	Meat 95 kg/animal 2.5 kg /animal/day
Sheep			
<i>Crossbred</i>	282	287 tones	Meat 14.63 kg/animal
<i>Indigenous</i>	263977		
Goats	150650	158 tones	Meat 14.24 kg/animal
Pigs			Meat 62.5 kg/animal
<i>Crossbred</i>	-	-	
<i>Indigenous</i>	6827	2 tones	
Rabbits	250	-	
Poultry	398296	Eggs 436 lakh Meat 247 tones	Egg 238 /bird/year Egg 97 /Desi bird/year
Category	Area	Production	Productivity
Fish	3600 ha	4169	

18th Live stock censuses (Preliminary unpublished Report)

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.
				Sorghum	Shoot fly, Grain mould, Poor Nutrient management & use of local varieties	Promotion of recent varieties, Integrated nutrient & pest management.
				Cotton	Leaf reddening, bad boll opening & Bollworms in cotton	ICM technology
				Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
				Groundnut	Low yield & improper water management	Production technology & BBF methods.
				Minor millets	Poor Nutrient management & use of local varieties	roduction of new varieties & Nutrient Management
				Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew in Chilli INM, Management of murda complex, fruit borer & Dieback.
				Onion	Low yield, purple blotch & Poor Nutrient management	INM & Management of purple blotch.
				Tomato	Fruit borer & Alternaria Leaf blight	Management of fruit borer & Alternaria Leaf blight.
				Brinjal	Brinjal shoot and fruit borer	Integrated management of shoot and fruit borer
				Banana	Rhizome weevil, panama wilt & bunchy top	Integrated pest management
				Soil	Salinity	Reclamation of Saline soils
Soil & Water	Soil & water erosion & Depletion of ground water due to heavy exploitation	Rain water harvesting & ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area				
Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming, poultry management, Sheep management & cultivation & enrichment of fodder.				

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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
				Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated management of nutrients & pests.
				Minor millets	Poor Nutrient management & use of local varieties.	Introduction of new varieties & Nutrient Management
				Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
				Tomato	Fruit borer & Alternaria Leaf blight	Integrated Management of fruit borer & Alternaria Leaf blight
				Flowers	Alternaria leaf blight of Chrysanthemum & damping off diseases	Integrated disease management & use of GR.
				Soybean	Leaf eating Caterpillar & rust.	Integrated management of pest & Diseases.
				Maize	Turcicum leaf blight Low yield, poor nutrient management	Management of Turcicum leaf blight of Maize Production technology & Value addition techniques
				Cotton	Leaf reddening bad boll opening and Boll worms.	ICM technology
				Soil	Calcareous soils	Management of Calcareous soils
				Soil & Water	Soil & water erosion & Depletion of ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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
				Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated pest & disease management.
				Tomato	Fruit borer & Alternaria blight.	Management of fruit borer & Alternaria blight.
				Cowpea	Poor nutrient management	Production technology.
				Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
				Soybean	Spodoptera & other Leaf eating Caterpillars.	Management of pests.
				Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
				Greengarm	Stem fly Powdery mildew & Shattering	Management of Greengram stem fly Use of non shattering HYV & IDM.
				Redgram	Pod borer & wilt	Management of Pod borer & Fusarium wilt.
				Groundnut	Leaf spot and rust	Production technology & BBF
				Paddy	Poor water management	Water Management (SRI Method)
				Soils	Problematic soils	Management of Vertiosols
Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area				

SI.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
4	Hangal	Hangal Bommanahalli 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.
				Paddy	Lack of awareness in water management	Water Management (SRI Method)
				Soybean	Leaf eating Caterpillar & rust.	Management of pest & disease.
				Redgram	Pod borer & Wilt	Management of Pod borer & Fusarium wilt.
				Sugarcane	Sett rot & wooly aphids	Management of pest & disease.
				Soils	Soil Acidity	Management of Acidic soils
Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge				

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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
				Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated nutrient management & pests.
				Cotton	Leaf reddening bad boll opening & Bollworms in cotton	ICM technology
				Sunflower	Necrosis, BHC	Necrosis & BHC management & IDM.
				Groundnut	Low yield & improper water management	Production technology & BBF.
				Minor millets	Poor Nutrient management & use of local varieties	Introduction of new varieties & Nutrient Management
				Cowpea	Poor nutrient management	Production technology
				Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew of Chilli INM, Management of murda complex, fruit borer & Dieback.
				Onion	Purple blotch, Twisting and Crinkling & Onion thrips	INM, Management of purple blotch & Twisting and Crinkling in onion.
				Garlic	Poor nutrient & weed management	Integrated crop management
				Brinjal	Brinjal shoot and fruit borer	Integrated management shoot and fruit borer
				Cole crops	Cabbage aphids, Black rot and DBM	Integrated pest & disease management
				Banana	Rhizome weevil, panama wilt & bunchy top	Integrated pest management
				Sericulture	Uzi fly & powdery mildew in mulberry	Integrated pest & disease management
				Soil	Salinity & Sodcity	Reclamation of problematic soils
Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Scientific method of rain water harvesting & under ground water recharge				
Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.				

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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
				Sorghum	Shoot fly, Poor Nutrient management & use of local varieties	Integrated nutrient management
				Chilli	Powdery mildew Dieback Fruit borer & Murda complex.	Management of Powdery Mildew in Chilli INM, Management of murda complex, fruit borer & Dieback.
				Onion	Low yield, purple blotch & Poor Nutrient management	INM & Management of purple blotch.
				Tomato	Fruit borer & Alternaria blight	Management fruit borer & Alternaria blight
				Brinjal	Brinjal shoot and fruit borer	Integrated management shoot and fruit borer
				Cabbage	Aphids, Black rot and DBM	Integrated pest & disease management
				Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area
Sheep rearing, Dairying & Poultry	FMD, improper management of live stock	Scientific dairy farming , poultry management, Sheep management & cultivation & enrichment of fodder.				

Sl.No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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
				Paddy	Poor water management	Water Management (SRI Method)
				Tomato	Fruit borer & Alternaria blight	Management of fruit borer & Alternaria blight
				Soils	Soil Acidity	Management of Acidic soils
Soil & Water	Soil & water erosion & Depletion of under ground water due to heavy exploitation	Rain water harvesting & Ground water recharge Soil & water conservation in watershed area through participatory approach Use of improved agricultural implements in watershed area				

2.7 Priority thrust areas

S. No	Thrust area
1.	Popularization of minor millets in rain fed crop production system.
2.	Production and supply of seeds, planting materials and Bio-pesticides/agents.
3.	Soil and water conservation & rainwater harvesting with emphasis on ground water recharge
4.	Powdery mildew problem in Chili and mites.
5.	Stem fly problem in Greengram.
6.	Maximization of returns in Chrysanthemum through mixed cropping.
7.	Tip burn, improper nutrient management in Onion
8.	Integrated farming system in rain fed ecosystem.
9.	Empowerment of rural youths / Farm women through EDP activities
10.	Promotion of organic farming.
11.	Popularization of production technology of mandate crops.
12.	Popularization of locally available feed resources for livestock
13.	Dairying – Nutritional & Breeding management and health coverage, clean & quality milk production
14.	Usage of Agricultural byproducts and residues as cattle feed, enrichment of poor quality fodder.
15.	Poultry – Nutritional & Breeding management and health coverage.
16.	Sheep & Goat – Nutritional & Breeding management and health coverage.

3. 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	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
06	05	23	15	26	20	512	417

Training				Extension Activities			
3				4			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
200	152	5000	4096	400	355	1500	950

Seed Production (Qtl.)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
70	150	1500	1512

3.B1. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	2	3	4	5	6	7	8	9	10
1.	Disease Management	Chilli	Powdery mildew	Management of Powdery Mildew of Chilli	-	Management of Powdery Mildew of Chilli	Management of Powdery Mildew of Chilli	-	Fungicide
2.	Pest Management	Greengram	Stem fly	Management of Greengram stem fly	-	Management of Greengram stem fly	Management of Greengram stem fly	-	Insecticide
3.	Crop production	Redgram	Low yield	Alternate method of Redgram planting	-	Production technology in Redgram	Production technology in Redgram	-	Seedlings
4.	Maximization of net returns	Chrysanthemum	Lower returns	Maximization of returns in Chrysanthemum through mixed cropping	-	Chrysanthemum Based cropping system	Chrysanthemum Based cropping system	-	Seeds of different vegetables
5.	Tip burn management	Onion	Tip burn	Tip burn management	-	Tip burn , improper nutrient management	Balanced nutrient management	-	Onion Seeds
6.	Crop production	Groundnut	Leaf spot & Rust disease	-	-	1. Disease & Pest management 2.Improved cultivation practices	-	Field visit Method demonstration Field Day	Seeds Insecticide Fungicides Gypsum
7.	Crop production	Soybean	Rust disease	-	FLD on Soyabean (JS-335)	1. Disease & Pest management 2.Improved cultivation practices	-	Field visit Method demonstration Field Day	Seeds Insecticide Fungicides
8.	Crop production	Sunflower	Necrosis & Powdery mildew disease	-	FLD on Sunflower (KBSH-41)	1. Disease & Pest management 2.Improved cultivation practices	-	Field visit Method demonstration	Seeds Insecticide Fungicides

1	2	3	4	5	6	7	8	9	10
9.	Crop production	Sesamum	Powdery mildew disease	-	FLD on Sesamum (DS-9)	1. Disease & Pest management 2.Improved cultivation practices	-	Field visit Method demonstration	Seeds
10.	Crop production	Redgram	Pod borer & Fuserium wilt	-	FLD on Redgram (ASHA)	1. IPM in Redgram 2.Redgram cultivation	-	Field visit Method demonstration	Seeds Insecticides
11.	Crop production	Greengram	Powdery mildew & Pod borer	-	FLD on Greengram (S-4)	1. Disease & Pest management 2.Improved cultivation practice	-	Field visit Method demonstration	Seeds Insecticide Fungicides
12.	Crop production	Blackgram	Powdery mildew & Pod borer	-	FLD on Blackgram (DU-1)	1. Disease & Pest management 2.Improved cultivation practice	-	Field visit Method demonstration	Seeds Insecticide Fungicides
13.	Crop production	Bengalgram	Pod borer & Fuserium wilt	-	FLD on Bengalgram (ICCV-10)	1. Disease & Pest management 2.Improved cultivation practice	-	Field visit Method demonstration	Seeds Insecticide Fungicides
14.	Integrated crop management	Cotton(Kharif)	Sucking pest, leaf reddening & Black arm	-	FLD on Bt cotton MRC-6918 (ICM)	1. Disease & Pest management 2.Improved cultivation practices	Training	Field visit Method demonstration Field days	Seeds Fertilizers Traps Vermicompost Insecticide Fungicides
15.	Integrated crop management	Cotton (Rabi)	Grey mildew	-	FLD on DDHC-11 (ICM)	1. Disease & Pest management 2.Improved cultivation practice	Training	Field visit Method demonstration Field days	Seeds Fertilizers Vermicompost
1	2	3	4	5	6	7	8	9	10

16.	Crop production	Maize	Turcicum leaf blight	-	Management of Turcicum leaf blight in Maize	-	-	Field visit	Seeds
17.	Productivity	Hybrid Chilli	Popularization of Hybrid chilli	-	Introduction of Chilli hybrid (HCH-9646)	Improve production technology for green chilli	-	-	Seeds
18.	Productivity	Onion	Popularization of improved variety	-	Popularization of high yielding Onion Variety (Arka kalyan)	Production potentialities for Onion	-	-	Seeds
19.	Productivity	Aster	Popularization of improved variety	-	Popularization of Improved Aster Variety (Kamini)	Improve production technology for Aster	-	-	Seeds
20.	Productivity	Chrysanthemum	Popularization of improved variety	-	Popularization of Improved Chrysanthemum (Co-1 and Raja)	Production potentialities for Chrysanthemum	-	-	Seeds
21.	Integrated Nutrient Management	Ginger	Integrated Nutrient Management in Ginger	-	Integrated Nutrient Management in Ginger	-	-	-	Micro nutrient
22.	Productivity	Dolichus bean	Popularization of improved variety	-	Popularization of high yielding bushy Dolichus bean (Var. Konkan Bhushan/ improved Hebbal avare).	-	-	-	Seeds

3.B2 List of Technology Assessed during 2007-08

S. No	Thematic area	Name of the technology assessed	Area (ha.)	Number of trials
1.	Pest Management	Management of <i>Greengram</i> stem fly	0.05	03
2.	Disease Management	Management of Powdery Mildew of Chilli	0.05	03
3.	Crop production	Alternate Transplanting method in Redgram	0.05	03
4.	Maximization of net returns	Maximization of returns in <i>Chrysanthemum</i> through mixed cropping	0.05	03
5.	Tip burn management	Tip burn management	0.05	03
Total			0.20	12

3.B3 List of Technology Refined during 2007-08 : Nil

3.C Details of technology used during reporting period

S.No	Title of Technology	Crop/ enterprise	Mode of use				No. of farmers covered					
			OFT	FLD	Training	Others (Specify)	Other farmers			SC / ST farmers		
							Male	Female	Total	Male	Female	Total
1.	Suitability of Maize genotypes during Kharif season	Maize	✓	-	-	-	2	-	2	1	-	01
2.	Management of Rhizoctonia root rot disease in Papaya	Papaya	✓	-	-	-	4	-	4	-	-	-
3.	Wider row spacing in brinjal	Brinjal	✓	-	-	-	4	-	4	1	-	1
4.	Control of Internal parasite in Buffalo calves	Dairy	✓	-	-	-	-	-	-	-	-	-
5.	FLD on Groundnut	Groundnut	-	✓	✓	-	6	-	6	4	-	4
6.	FLD on Soybean	Soybean	-	✓	✓	-	16	4	20	3	2	5
7.	FLD on Sunflower	Sunflower	-	✓	✓	-	19	2	21	3	1	4
8.	FLD on Sesamum	Sesamum	-	✓	-	-	-	-	-	-	-	-
9.	Front Line Demonstration on Redgram	Redgram	-	✓	✓	-	13	01	14	11	-	11
10.	Front Line Demonstration on Greengram	Greengram	-	✓	✓	-	13	3	16	9	-	9
11.	Front Line Demonstration on Blackgram	Blackgram	-	✓	✓	-	22	1	23	2	-	2
12.	Introduction of HYV Arka kalyan	Onion	-	✓	✓	-	3	-	3	2	-	2
13.	Introduction of HY Tomato DMT-1	Tomato	-	✓	✓	-	-	-	-	-	-	-
14.	Introduction of purified Byadagi kaddi/ dabbi chilli variety	Chilli	-	✓	✓	-	7	-	7	3	-	3
15.	Foliar application of nutrients in vegetables	Vegetables	-	✓	✓	-	-	-	-	-	-	-
16.	Introduction of deep coloured and HYV Kamini	Aster	-	✓	✓	-	3	-	3	2	-	5
17.	Introduction of Marigold HY orange	Marigold	-	✓	✓	-	5	-	5	5	-	5
18.	Foliar application of nutrients in Chrysanthemum	Chrysanthemum	-	✓	✓	-	-	-	-	-	-	-
19.	Need based of pesticides hormones and nutrients in Mango	Mango	-	✓	✓	-	-	-	-	-	-	-
20.	Popularization of Kitchen garden	Kitchen garden	-	✓	✓	-	-	-	-	-	-	-
21.	Multi storied cropping in coconut plantation with banana and velvet bean	Multi storied cropping	-	✓	✓	-	-	-	-	-	-	-
22.	Popularization of Agri-Horti- silvi pasture System	Agri-Horti- silvi pasture System	-	✓	✓	-	-	-	-	-	-	-
23.	Demonstration of nutritional green fodder crop for dairy animals	Fodder	-	✓	✓	-	-	-	-	-	-	-

3.1 Achievements on technologies assessed

A. 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
Greengram	Rainfed	Stem fly	Management of Greengram stem fly	03	Insecticide evaluation	Pest intensity	3.86 % Infestation	Pest intensity was less and yield was high	The technology is very effective for the management of pest	Soil application of neem cake @ 2.5 q/ha. before sowing & one spray of Imidacloprid @ 0.2 ml/lit between 10-20 DAS.	For effective management of pest and avoid residue problem in the crop.
Chilli	Irrigated	Powdery mildew	Management of Powdery Mildew of Chilli	03	Fungicide evaluation	Disease intensity	22.38% Intensity	Disease incidence was less and yield was high	The technology is very effective for the management of Disease	Spraying of Penconazole @ 1 g/lit.(Topaz)	For effective management of Disease and to get higher yield
Redgram	Rainfed	Seedling mortality & reduction in yield	Alternate transplanting method in Redgram	03	Economic of yield	Yield		Higher returns	The technology is very effective in transplanting method	Alternative method of planting (transplanting method, var: ASHA -ICPL - 87119, Maruti - ICPL -8863)	Transplanting method is effective for get higher yield

1	2	3	4	5	6	7	8	9	10	11	12
Chrysanthemum	Irrigated	Maximization of returns	Maximization of returns in Chrysanthemum through mixed cropping	0	Economics	Economics	Doubled economics returns	Enhanced Economics returns	Inclusion of different kinds of vegetables definitely increase the yield besides its supplying vegetables to home purpose	Introduction of different kinds of vegetables chilli, Coriander, Onion, Garlic, Cluster bean and Redgram as a border crop	For maximization of returns by efficient utilization of natural resources (land, soil moisture & applied nutrients)
Onion	Rainfed	Tip burn	Tip burn management	03	Tip burn	Tip burn	10 % reduced tip burn, enhanced yield (148 q/ha)	Yield, Per cent tip burn	By supplying micro nutrients (Zn) & Foliar application of Potash over come the tip burn damage intern enhance the yield	RDF (125 :50: 120 kg/ha) Foliar application of ZnSo ₄ (0.5 %) Foliar application of Potash(Multi-K @ 2%)	Effectively Tip burn management by suitable nutrient management

Technology Assessed / Refined	*Production per unit (kg/ha)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Technology option 1 (Farmer's practice) Endosulfan (4 ml/l.)	250	4500.00	1:1.07
Technology option 2 Spraying of Dimethoate @ 1.7 ml/lit.	310	5580.00	1:1.14
Technology option 3 Soil application of neem cake @ 2.5 q/ha. before sowing & one spray of Imidacloprid @ 0.2 ml/lit between 10-20 DAS.	375	6750.00	1:1.35
Technology option 1 (Farmer's practice) Mancozeb (2 g/l.)/ W. sulphur(3 g/l.)/ Blitox (3 g/l.)	1180	35400.00	1:1.83
Technology option 2 Carbendazim @ 1 g/lit. or Wetttable sulphur @ 3 g/lit of water	1350	40500.00	1:2.20
Technology option 3 Spraying of Penconazole @ 1 g/lit.(Topaz)	1620	48600.00	1:2.60

13	14	15	16
Technology option 1 (Farmer's practice) Drill sowing method, Spacing 60x30 cm	1342	26840	1:1.89
Technology option 2 Drill sowing method, Spacing 60 x30 cm	1644	32880	1:2.10
Technology option 3 Alternative method of planting (transplanting method, var: ASHA - ICPL - 87119, Maruti -ICPL -8863)	1860	37200	1:2.43
Technology option 1 (Farmer's practice) Use of different locally available vegetables as a mixed crops	5.0	119000	1:2.20
Technology option 2 Sole/mono cropping	7.7	135250	1:2.36
Technology option 3 Mixed cropping with short durated vegetables [chilli, Coriander, Onion, Garlic, Cluster bean] along with Redgram as a border crop.	10.15	193537	1:3.21
Technology option 1 (Farmer's practice) Application of 100 kg DAP & 100 kg urea (64:46: 0), No appli cation of potash	12.9	30000	1:2.5
Technology option 2 RDF 125 :50: 120 kg/ha	13.5	45000	1:3.3
Technology option 3 RDF (125 :50: 120 kg/ha) Foliar application of ZnSo ₄ (0.5 %) Foliar application of Potash(Multi-K @ 2%)	14.8	59500	1:4.1

**Field crops - kg/ha, * for horticultural crops -= t/ha, * milk and meat - litres or kg/animal, * for mushroom and vermi compost kg/unit area.*

*** Give details of the technology assesse*

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

1) Title of Technology assessed	:	Management of Greengram stem fly
2) Problem Definition	:	Stem fly
3) Details of technologies selected for assessment/refinement	:	Soil application of neem cake @ 2.5 q/ha. before sowing & one spray of Imidacloprid @ 0.2 ml/lit between 10-20 DAS.
4) Source of technology	:	Agriculture Research station, Gulbarga
5) Production system and thematic area	:	Rainfed , Pest Management
6) Performance of the Technology with performance indicators	:	The technology is very effective in reducing the pest incidence and increasing the yield
7) Final recommendation for micro level situation	:	This technology can be recommended for the management of Stem fly in Greengram.
8) Constraints identified and feedback for research	:	There are no constraints identified in this technology
9) Process of farmers participation and their reaction	:	Farmers were very much impressed in this technology. They are ready to take up this technology for the management of Stem fly in Greengram

1. Title of on-farm trials	:	Management of Powdery Mildew of Chilli
2. Problem diagnose	:	Powdery Mildew of Chilli
3. Details of technologies selected for assessment/refinement	:	Spraying of Penconazole @ 1 g/lit.(Topaz)
4. Source of technology	:	Chilli Research station, Devihosur, Haveri
5. Production system and thematic area	:	Irrigated , Disease Management
6. Performance of the Technology with performance indicators	:	The technology is very effective in reducing the disease incidence and increasing the yield
7. Final recommendation for micro level situation	:	This technology can be recommended for the management of Powdery Mildew of Chilli
8. Constraints identified and feedback for research	:	There are no constraints identified in this technology
9. Process of farmers participation and their reaction	:	Farmers were very much impressed in this technology. They are ready to take up this technology for the management of Powdery Mildew of Chilli

1. Title of on-farm trials	:	Alternate transplanting method in Redgram
2. Problem diagnose	:	Seedling mortality & reduction in yield
3. Details of technologies selected for assessment/refinement	:	Alternative method of planting (transplanting method, var: ASHA -ICPL - 87119, Maruti -ICPL -8863)
4. Source of technology	:	ARS, Bidar
5. Production system and thematic area	:	Rainfall & Crop production
6. Performance of the Technology with performance indicators	:	Transplanting method is effective for get higher yield

7. Final recommendation for micro level situation	:	This technology can be recommended for Transplanting method
8. Constraints identified and feedback for research	:	There are no constraints identified in this technology
9. Process of farmers participation and their reaction	:	Farmers were very much impressed with this technology and ready for adopt.

1. Title of on-farm trials	:	Maximization of returns in Chrysanthemum through mixed cropping
2. Problem diagnose	:	Low returns
3. Details of technologies selected for assessment/refinement	:	Introduction of quick growing short durated improved vegetables [chilli, Coriander, Onion, Garlic, Cluster bean and Redgram as a border crop.
4. Source of technology	:	Progressive farmers
5. Production system and thematic area	:	Irrigated, For maximization of returns by efficient utilization of natural resources (land, soil moisture & applied nutrients)
6. Performance of the Technology with performance indicators	:	The technology is very effective in enhancing economic returns by efficient utilization of resources
7. Final recommendation for micro level situation	:	This technology can be recommended for the enhancement of total economic yield
8. Constraints identified and feedback for research	:	-
9. Process of farmers participation and their reaction	:	Inclusion of different kinds of vegetables definitely increase the yield besides its supplying vegetables to home purpose

1. Title of on-farm trials	:	Tip burn management
2. Problem diagnose	:	Tip Burn
3. Details of technologies selected for assessment/refinement	:	Application of RDF (125 :50: 120 kg/ha), foliar application of ZnSo4 (0.5 %) & foliar application of Potash(Multi-K @ 2%)
4. Source of technology	:	ICAR, institute
5. Production system and thematic area	:	Rainfed, the high yield levels are reducing by the incidence of tip burn in Onion
6. Performance of the Technology with performance indicators	:	The technology is very effective in reducing the tip burn incidence and their by increasing in yield
7. Final recommendation for micro level situation	:	This technology can be recommended for the management of tip burn in Onion
8. Constraints identified and feedback for research	:	-
9. Process of farmers participation and their reaction	:	Farmers were very much impressed in this technology. They are ready to adopt this technology for the management of tip burn in Onion

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during previous years

Sl. No	Thematic Area	Technology demonstrated	Extension Activities	Horizontal spread of technology		
				No. of villages	No. of farmers	Area in ha
1.	Crop Production	Groundnut (GPBD-4)	FLD	10	25	100
2.	Crop Production	Soyabean(JS-335)	FLD	15	40	50
3.	Crop Production	Sunflower(KBSH-41)	FLD	20	60	120
4.	Crop Production	Redgram(Asha)	FLD	15	40	60
5.	Crop Production	Greengram(S-4)	FLD	20	60	40
6.	Crop Production	Blackgram(DU-1)	FLD	10	30	40
7.	Crop Production	Management of Turcicum leaf blight in Maize	FLD	15	20	30
8.	Crop Production	Integrated Nutrient Management in Little millet	FLD	10	15	20
9.	Crop Production	Integrated Nutrient Management in Foxtail millet	FLD	10	15	20
10.	Varietal evaluation	Introduction of chilli hybrid (HCH-9646)	FLD	15	40	60
11.	Varietal evaluation	Popularization of high yielding onion variety (Arka Kalyan)	FLD	20	60	40
12.	Varietal evaluation	Popularization of improved Aster variety (Kamini)	FLD	10	30	40
13.	Varietal evaluation	Popularization of improved Chrysanthemum (CO-1 & Raja)	FLD	15	20	30
14.	Crop production	Integrated Nutrient Management in Ginger	FLD	10	30	40
15.	Varietal evaluation	Popularization of high yielding bushy Dolichus bean	FLD	15	20	30

b. Details of FLDs implemented during 2007-08

i) Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1.	Maize	Crop production	Popularize the Maize varieties EH434042	Kharif-2007	05	05	2	10	12

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Maize	Kharif	RF/Irrigated	Medium black	Not Analyzed			Bengalgram, Sorghum & Sunflower	III week of June	I week of October	154.35	20-25

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Maize	Popularize the Maize varieties	EH434042	12	05	38.4	33.0	35.00	28.60	22.37	35.00	28.60

Economic Impact

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
8313	7800	21000	17160	12687	9360	1:1.52

1. Oil seeds

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season Andyear	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1.	Groundnut	Varietal Evaluation	<ul style="list-style-type: none"> Improved varieties GPBD-4 FeSO₄ & ZnSO₄ Soil application @ 10 kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @ 4 g/kg. Rhizobium treatment @ 400 gm/ha. 	Kharif 2007-08	10	10	03	07	10
2.	Sunflower	Varietal Evaluation	<ul style="list-style-type: none"> Sunflower hybrid (KBSH-41) Wider spacing (90 cm X 30 cm) Imidacloprid (5 g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. 	Kharif 2007-08	10	10	05	20	25
3.	Soybean	Varietal Evaluation	<ul style="list-style-type: none"> High yielding varieties (JS-335). ZnSO₄-12 kg/ha Rhizobium & PSB treatment @ 400 g/ha Urea spray @ 2% at 50 % flowering 	Kharif 2007-08	10	10	6	19	25
4.	Sesamum	Varietal Evaluation	<ul style="list-style-type: none"> Improved variety Vermicompost @5 q/ha 	Kharif 2007-08	05	05	3	9	12
5.	Groundnut	Varietal Evaluation	<ul style="list-style-type: none"> Improved varieties (DH-86). Soil application FeSO₄ & ZnSO₄ @ 10kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @4gm/kg. Rhizobium treatment @ 400 gm/ha. 	Rabi 2007-08	10	10	4	6	10
6.	Sunflower	Varietal Evaluation	<ul style="list-style-type: none"> Sunflower hybrid (KBSH-41) Wider spacing (90 cm X 30 cm) Imidacloprid (5 g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. Boron spray @ 0.5 % 	Rabi 2007-08	10	10	3	9	25

Details of farming situation

Crop	Season	Farming situation	Soil type	Status of soil (NPK)	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
Groundnut	Kharif	RF	Alfisol	Not Analyzed	Bengalgram, Sorghum & Sunflower	I week of July	II week of November	183	35
Sunflower	Kharif	RF	Vertisols and Alfisols		Paddy, Groundnut Jowar, Redgram and Cotton	August II week	December III week	132	45
Soyabean	Kharif	Rf	Vertisols		Sunflower, Safflower, Bengalgram, Sorghum	III week of June	II week of September	175	35
Sesamum	Kharif	RF	Alfisols		Sunflower, Redgram, Sorghum	II fortnight of July	II fortnight of October	183	35
Groundnut	Rabi	Irrigated	Vertisol and Alfisol		Cotton, Maize, Sorghum & Sunflower	III week of January	III week of May	90.54	15
Sunflower	Rabi	Borwell/ RF	Red, Medium black		Jawar, Groundnut, Brinjal, Tomato ,	II Week of December	II Week of March	60.00	10

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Groundnut	<ul style="list-style-type: none"> Improved varieties GPBD-4 FeSO₄ & ZnSO₄ Soil application @ 10 kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @ 4 g/kg. Rhizobium treatment @ 400 gm/ha. 	GPBD-4	10	10	18.5	16.5	17.8	14.00	27	17.8	14.00
2.	Sunflower	<ul style="list-style-type: none"> Sunflower hybrid (KBSH-41) Wider spacing (90cmX30 cm) Imidacloprid (5g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. Boron spray @ 0.5 % 	KBSH-41	12	05	14.2	12.5	13.4	10.31	30	13.4	10.31
3.	Soyabean	<ul style="list-style-type: none"> High yielding varieties (JS-335). ZnSO₄ -12 kg/ha Rhizobium & PSB treatment @ 400 g/ha Urea spray @ 2% at 50 % flowering Soil application of Biozyme @ 20 ml/ha. 	JS-335	25	10	19.4	17.5	18.6	13.50	38	18.6	13.50
4.	Sesamum	<ul style="list-style-type: none"> Improved variety Rhizobium and PSB @ 400 g/ha Vermicompost @5 q/ha 	DS-1	12	05	2.9	2.3	2.60	1.80	30	2.60	1.80
5.	Groundnut	<ul style="list-style-type: none"> Improved varieties (DH-86). Soil application FeSO₄ & ZnSO₄ @ 10 kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @ 4 gm/kg. Rhizobium treatment @ 400 gm/ha. 	DH-86	10	10	30.0	26.1	28.50	19.50	46.15	28.50	19.50

6.	Sunflower	Sunflower hybrid (KBSH-41) Wider spacing (90cmX30 cm) Imidacloprid (5 g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. Boron spray @ 0.5 %	KBSH-14	25	10	9.3	8.3	8.8	7.2	22	8.8	7.2
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Economic Impact

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
11977	10410	44500	35000	32523	24590	1:2.71
6982	6380	33500	25775	26518	19395	1:3.8
6995	6370	31899	23153	24904	16783	1:3.5
2780	2310	2.60	1.80	9310	6060	1: 3.34
14231	12450	79800	54600	65569	42150	1:4.60
4147	3869	19360	15840	15213	11971	1:3.6

2. Pulses

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1.	Redgram	Varietal Evaluation	<ul style="list-style-type: none"> Improved variety (BSMR & ASHA) RDF-25: 50 : 12.5 NPK kg /ha Seed treatment with Trichoderma(4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) NSKE (5%) & Need based insecticides spray Pheromone traps (5 traps/ha) 	Kharif 2007-08	10	10	08	17	25
2.	Green gram	Varietal Evaluation	<ul style="list-style-type: none"> Improved variety S-4 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) 	Kharif 2007-08	10	10	07	18	25
3.	Black gram	Varietal Evaluation	<ul style="list-style-type: none"> Improved variety Like DU-1 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) 	Kharif 2007-08	10	10	05	20	25
4.	Bengal gram	Varietal Evaluation	<ul style="list-style-type: none"> Improved variety (Bheema) Nipping 45-50 DAS Seed treatment with Trichoderma(4g/kg) 	Rabi 2007-08	15	15	7	28	35

Details of farming situation

Crop	Season	Farming situation	Soil type	Status of soil (NPK)	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
Redgram	Kharif	RF	Alfisols and Vertisols	Not Analyzed	Groundnut, Sorghum, Sunflower, Cotton	III week of June	I week of January.	183	35
Greengram	Kharif	RF	Alfisols and Vertisols		Jowar, Sunflower, Sorghum, Cotton	II week of July	II week of October	132	45
Blackgram	Kharif	RF	Alfisols and vertisols		Rabi Jowar, Bengalgram and cotton	II week of June	II week of October	175	35
Bengalgram	Rabi	RF	Medium black		Maize, Sorghum, Sunflower	I week of Nov.	I week of Feb.	90.54	15

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase In yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Redgram	<ul style="list-style-type: none"> Improved variety (BSMR & ASHA) RDF-25: 50 : 12.5 NPK kg /ha Seed treatment with Trichoderma(4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) NSKE (5%) Pheromone traps (5 traps/ha) Need based insecticides spray 	BSMR & ASHA	25	10	14.5	11.00	12.56	9.23	36.08	12.56	9.23
2.	Greengram	<ul style="list-style-type: none"> Improved variety S-4 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) 	S-4	25	10	3.6	2.4	3.1	2.5	24	3.1	2.5
3.	Blackgram	<ul style="list-style-type: none"> Improved variety Like DU-1 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) 	DU-1	25	10	6.6	4.1	5.7	3.8	50	5.7	3.8
4.	Bengalgram	<ul style="list-style-type: none"> Improved variety Bheema Nipping 45-50 DAS Seed treatment with Trichoderma (4g/kg) 	Bheema	35	14	8.5	5.9	7.3	6.1	19.44	7.3	6.1

Economic Impact

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
8267	6951	25120	18460	16853	11509	1:2.04
2603	2170	5580	4500	2977	2330	1:1.14
4121	3540	13688	9120	9567	5580	1:2.3
2234	2750	18250	15250	16016	12500	1:7.16

3. Horticulture Crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1.	Chilli	Evaluation	<ul style="list-style-type: none"> Introduction of Chilli Hybrid (HCH-9646) Seed treatment with Trichoderma (4 g/kg) & Imidachloprid 	Kharif 07-08	10	10	-	25	25
2.	Onion	Varietal evaluation	<ul style="list-style-type: none"> Introduction of HYV (Arka kalyan). Application of RDF (30 + FYM + 125 : 50 : 125 kg NPK/ ha.) Seed treatment with Trichoderma (4 g/kg) 	Kharif 07-08	10	10	-	25	25
3.	Aster	Varietal evaluation	<ul style="list-style-type: none"> Introduction of HYV (Kamini, Phule Purple, etc.) Adoption of RDF (20 + FYM + 180 : 120 : 60 NPK kg / ha.) 	Kharif 07-08	05	05	-	10	10
4.	Chrysanthe mum	Varietal evaluation	<ul style="list-style-type: none"> Introduction of cuttings of improved and HYV (coloured varieties) Spraying with plant growth regulators Adoption of RDF 20 + FYM + 100 :150 : 100 kg NPK /ha.) 	Kharif 07-08	10	10	-	25	25
5.	Ginger	Crop Production	<ul style="list-style-type: none"> Application of Recommended dose of fertilizer along with micro nutrients 	Kharif 07-08	05	05	-	10	10
6.	Dolichus bean	Varietal evaluation	<ul style="list-style-type: none"> Introduction of high yielding variety Konkan Bhushan 	Kharif 07-08	05	05	-	10	10

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (NPK)	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
Chilli	Kharif	RF	Black	Not analyzed	Safflower, Jowar, Sorghum, Cotton, Bengalgram	II week of June	III week of October	602	32
Onion	Kharif	RF	Red		Maize, Cotton, Bengalgram, Sorghum	II week of June	III week of September	602	32
Aster	Kharif	Irrigated	Red		Rabi Jowar, Bengalgram	II week of June	III week of September	602	32
Chrysanthemum	Kharif	Irrigated	Red		Maize, Sorghum, Sunflower	II week of June	III week of September	602	32
Ginger	Kharif	RF	Red		Maize, Cotton, Sunflower	II week of June	III week of September	602	32
Dolicus Bean	Kharif	RF	Red		Maize, Sorghum, Sunflower	II week of June	III week of September	602	32

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter demonstrateds	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Chilli	<ul style="list-style-type: none"> • Introduction of Chilli Hybrid (HCH-9646) • Seed treatment with Trichoderma (4 g/kg) & Imidachlopid 	(HCH-9646)	25	10	162	76	95.0	71.0	33.80	95.0	71.0
2.	Onion	<ul style="list-style-type: none"> • Introduction of HYV (Arka kalyan). • Application of RDF (30 + FYM +125 : 50 : 125 kg NPK/ ha.) • Seed treatment with Trichoderma(4 g/kg) 	Arak kalayn	25	10	230	145	192	150	28	192	150
3.	Aster	<ul style="list-style-type: none"> • Introduction of HYV (Kamini, Phule Purple, etc..) • Adoption of RDF (20 + FYM +180 :120 : 60 NPK kg / ha.) 	Kamini, Pule yashoda	10	05	53	47	50	39.5	26.58	50	39.5
4.	Chrysanth emum	<ul style="list-style-type: none"> • Introduction of cuttings of improved and HYV (coloured varieties) • Spraying with plant growth regulators • Adoption of RDF 20 + FYM +100 :150 : 100 kg NPK /ha.) 	Idira, chandric	25	10	115	76	97	77	25.94	97	77
5.	Ginger	<ul style="list-style-type: none"> • Application of Recommended dose of fertilizer along with micro nutrients 	Local	10	05	96	64	78	64	21.88	78	64
6.	Dolichus bean	<ul style="list-style-type: none"> • Introduction of high yielding variety Konkan Bhushan 	Konkan Bhushan	10	05	7.5	6.0	6.7	5.2	28.84	6.7	5.2

Economic Impact

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
21396	24000	76000	56800	54604	32800	1:2.55
18972	16700	76800	60000	57828	43300	1:3.04
29530	28000	150000	118500	120470	90500	1:4.07
59794	57250	242500	192500	182706	135250	1:3.05
16491	15600	50700	41600	30959	28300	1:2.07
10713	10400	43550	33800	32837	23400	1:3.06

4. Cotton

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration		
					Proposed	Actual	SC/ST	Others	Total
1	Cotton	Introduction of High yielding variety Extra long staple (ELS)	<ul style="list-style-type: none"> Improved variety MRCH-6918 Seed treatment with Imidacloprid 10 g/kg seeds Seed treatment with Trichoderma (6g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) NSKE (5%) Pheromone traps (5 traps/ha) Need based insecticides spray Topping 60 - 70 DAS 	Kharif 2007-08	20	20	16	34	50
2	Cotton	Introduction of High yielding variety	<ul style="list-style-type: none"> Popularizing high yielding Variety like DDHC-11. Nipping at 70 days after sowing. Seed treatment with Trichoderma @ 8 g/kg seed against soil -borne diseases Usage of Micronutrients/ Bio-fertilizers 	Rabi 2007-08	10	10	08	17	25

Crop	Season	Farming situation	Soil type	Status of soil (NPK)	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
Cotton	Kharif	RF	Medium Black soil	Not analyzed	Maize, Sorghum	II week of June	III week of December	190	45
Cotton	Rabi	RF	Black soil		Maize, Onion, Chilli,	I week of September	Last week of February	120	20

Performance of FLD

Sl.No.	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Cotton	<ul style="list-style-type: none"> Improved variety MRCH-6918 Seed treatment with Imdacloprid 10 g/kg seeds Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) NSKE (5%) Pheromone traps (5 traps/ha) Need based insecticides spray Topping 60 - 70 DAS 	MRCH-6918	50	20	19.80	18.10	18.87	15.64	20.68	18.87	15.64
2	Cotton	<ul style="list-style-type: none"> Popularizing high yielding Variety like DDHC-11. Nipping at 70 days after sowing. Seed treatment with Trichoderma @ 8 g/kg seed against soil-borne diseases Usage of Micronutrients/ Bio-fertilizers 	DDHC-11	25	10	6.1	4.9	5.5	4.3	27.09	5.5	4.3

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
16650.00	18750.00	49062.00	40664.00	32412.00	21914.00	1:2.94
2948.00	3336.00	8250.00	6450.00	5302.00	3114.00	1:2.8

Analytical Review of component demonstrations

1) Cereals

Crop	Season	Component		Farming Situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Maize	Kharif	1. Seed/Variety	Improved variety EH434042	RF/irrigated	35.00	28.60	22.37
		2. Fertilizer management	1. RDF - 150 : 75 : 37.05 2. ZnSO ₄ - 10 kg /ha				
		3. Plant Protection	Seed treatment with <i>Trichoderma</i> 4 g/kg seed				

2) Oil Seeds

Crop	Season	Component		Farming Situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Groundnut	Kharif	1. Seed/Variety	Improved variety GPBD-4	RF	17.8	14.00	27
		2. Fertilizer management	1. RDF –25 : 50 : 25 2. Gypsum application - 500 kg /ha				
		3. Plant Protection	Seed treatment with <i>Trichoderma</i> 4 g/kg seed				
Soyabean	Kharif	1. Seed/Variety	Improved variety JS-335	Rf	18.6	13.50	38
		2. Fertilizer management	1.RDF – 25:35:25 2.Urea Spray (2%) at 50% Flowering. 3. ZnSO ₄ @ 12 kg/ha.				
		3. Plant Protection	Rust management with Contaf @ 1ml/lt.				
Sunflower	Kharif	1.Seed/Variety	Improved variety KBSH-41	RF	13.4	10.31	30
		2.Fertilizer management	1.RDF – 35:50:35 2.Boron spray @ 0.2% at flowering				
		3.Plant Protection	Seed treatment with imidacloprid @ 5 gm/kg seed for Necrosis Management				
		4. Cultural practices	Wider spacing 90x60 cm				
Sesamum	Kharif	1. Seed/Variety	Improved variety DSS-1	RF	2.60	1.80	30
Groundnut	Rabi	1. Seed/Variety	Improved variety GPBD-4	Irrigated	28.50	19.50	46.15
		2. Fertilizer management	1.RDF – 25:50:25 2.Gypsum application - 500 kg/ha				
		3. Plant Protection	Seed treatment with <i>Trichoderma</i> @ 4 gm/kg seeds				
Sunflower	Rabi	1. Seed/Variety	Improved variety KBSH-41	Borwell/ RF	8.8	7.2	22
		2. Fertilizer management	RDF –35: 50 : 35				
		3. Plant Protection	Seed treatment with Imidacloprid @5g/kg				
		4. Cultural practices	Wider spacing 90x60 cm				

3. Pulses

Crop	Season	Component		Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Redgram	Kharif	1. Seed/Variety	Improved variety (BSMR &Asha)	RF	12.56	9.23	36.08
		2. Fertilizer management	RDF – 25 : 50 : 00				
		3. Plant Protection	1. Seed treatment with <i>Trichoderma</i> @ 4 gm/kg seed. 2. IPM practices				
Greengram	Kharif	1. Seed/Variety	Improved variety S-4	RF	3.1	2.5	24
		2. Fertilizer management	RDF – 25:50: 00				
		3. Plant Protection	1.Powdery mildew management with Bavistin @ 1g/lit. 2.Control of rust with mancozeb @ 2 g/L.				
Blackgram	Kharif	1. Seed/Variety	Improved variety TAU-1	RF	5.7	3.8	50
		2. Fertilizer management	INM -RDF- 25 : 50 :00				
		3. Plant Protection	1.Powdery mildew management with Bavistin @ 1 g/lit. 2.Control of rust with mancozeb @ 2 g/L.				
Bengalgram	Rabi	1. Seed/Variety	Improved variety Bheema	RF	7.3	6.1	19.44
		2. Fertilizer management	RDF– 25:50:00				
		3. Plant Protection	1. <i>Trichoderma</i> seed treatment @ 4 g/kg 2. Control of pod borer with malathion				
		4. Cultural practice	Nipping at 30-40 DAS				

4. Cotton

Crop	Season	Component		Farming situation	Average yield(q/ha)	Local check(q/ha)	Percentage increase in productivity over local check
Cotton	Kharif	1. Seed/Variety	MRCH-Bt-6918	RF	18.87	15.64	20.68
		2. Plant Protection	1. Vermicompost @ 2.5 q/ha. 2. <i>Trichoderma harzianum</i> (2.5 kg/ha). 3. Supply of Bhendi / Marigold/ Caster @ 250gm/ha. 4. Yellow Sticky traps @ 5 / ha. 5. Pheromone traps @ 5 traps / ha. 6. Nimbicidin @ 2.5 ltr/ha. 7. Agromix @ 2.5 ltr/ha. 8. Methomyl @ 250 gm/ha. 9. Confidor 250 ml/ha.				
		3. Combination of components	1. Vermicompost @ 2.5 q/ha. 2. <i>Trichoderma harzianum</i> (2.5 kg/ha). 3. Supply of Bhendi / Marigold/ Caster @ 250gm/ha. 4. Yellow Sticky traps @ 5 / ha. 5. Pheromone traps @ 5 traps / ha.				
Cotton	Rabi	1. Seed/Variety	D.D.H.C.-11	RF	5.5	4.3	27.09
		2. Bio-fertilizer	Vermicompsot, <i>Trichoderma</i> Bio agent ,				
		3. Fertilizer management	Agromin, 17:17:17				
		4. Plant Protection	Nimbicidin,				
		5. Combination of components	Vermicompsot , <i>Trichoderma</i> Bio agent , Agromin, 17:17:17				

5. Horticulture Crops

Crop	Season	Component		Farming situation	Average Yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Chilli	Kharif	1. Seed/Variety	Seeds-HCH-9646	Irrigated	95.0	71.0	33.80
		2. Fertilizer management	125 : 50 : 125 kg NPK/ ha.				
		3. Combination of components	Seed treatment with Trichoderma (4 g/kg)				
Onion	Kharif	1. Seed/Variety	Seeds-Arka kalyan	Rf	192	150	28
		2. Fertilizer management	125 : 50 : 125 kg NPK/ ha.				
		3. Combination of components	Seed treatment with Trichoderma (4 g/kg)				
Aster	Kharif	1. Seed/Variety	Kamini	Irrigated	50	39.5	26.58
		2. Fertilizer management	180 : 120 : 60 NPK kg / ha.				
Chrysanthemum	Kharif	1. Seed/Variety	Coloured varieties-Co-1,Raja	Irrigated	97	77	25.94
		2. Fertilizer management	100 :150 : 100 kg NPK /ha.)				
		3. Combination of components	Spraying with plant growth regulators				
Ginger	Kharif	1. Seed/Variety	Local	Irrigated	78	64	21.88
		2. Fertilizer management	INM with Micro nutrient				
		3. Combination of components	Growing maize as catch crop Seed treatment with Trichderma (4 gm/kg)				
Dolichus bean	Kharif	1. Seed/Variety	Konkan Bhushan	RF	6.7	5.2	28.84
		2. Fertilizer management	Integrated nutrient management				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Farmers getting higher yields compared to local Method of practices
2	Proper usage of chemicals reduced the number of sprays for the control of pest & diseases
3	Demonstration on broad cast onion and garlic
4	Intercropping demonstrations in Horticulture crops
5	Integrated cultivation practices for Agriculture/ Horticulture crops.
6	Storage studies in onion and garlic

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers having good opinion about the technology demonstrated and it can reduced the cost of cultivation
2	Cultivation of Aster and Chrysanthemum found ruminative crops
3	Use of weedicides in vegetables
4	Large scale demonstration of vegetables and flower crops

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants
1	Field days			
	Soyabean (JS-335)	01	12-10-07	75
	Groundnut (GPBD-4)	01	16-10-07	75
	Aster	01	16-10-07	78
	Aster under IFS	01	07-11-07	37
	Cotton(MRC-6918)	01	28-11-07	37
	Redgram(BSMR-736)	01	27-12-07	41
	Cowpea (K.G.C.-2, C-152)	01	20-03-08	52
	Bengalgram (A-1)	01	31-03-08	36
	Groundnut(GPBD-4)	01	28-04-08	42
Groundnut(GPBD-4)	01	06-05-08	37	
2	Farmers Training			
Maize	Off Campus Trainings	03	17-07-07	35
			25-08-07	
			16-09-07	
	On Campus Trainings	02	7-08-07	10
			25-08-07	
	Group meeting	03	25-07-07	50
			30-08-07	
			25-09-07	
	Field visits	04	25-07-07	40
			30-08-07	
			25-09-07	
			05-10-07	
Groundnut	Off campus	02	25-07-07	50
			30-08-07	
	On campus	01	30-08-07	35
	Group meeting	04	25-07-07	45
			30-08-07	
			25-09-07	
			05-10-07	
	Field visits	03	25-07-07	50
30-08-07				
25-09-07				
Soyabean	Field visits	04	17-07-07	40
			7-08-07	
			25-08-07	
			16-09-07	
	Group meeting	02	25-09-07	50
			05-10-07	
	Off Campus Trainings	02	25-07-07	40
			30-08-07	
On Campus Trainings	01	30-08-07	25	
Sunflower	Off Campus Trainings	03	30-08-07	47
			25-09-07	
			05-10-07	
	On Campus Trainings	02	25-09-07	30
05-10-07				

	Group meeting	04	25-07-07 30-08-07 25-09-07 20-09-07	52
Sesamum	Off Campus	02	30-08-07 25-09-07	40
	On Campus	01	20-08-07	20
	Group meeting	02	25-09-07 05-10-07	32
Redgram	Off Campus Trainings	03	20-08-07 25-09-07 05-10-07	65
	Group meeting	03	20-08-07 25-09-07 05-10-07	45
	Method Demonstration	01	25-07-07	20
Black gram	Off Campus Trainings	01	25-09-07	25
	Group meeting	02	30-08-07 25-09-07	30
Green gram	Off Campus	03	20-08-07 25-09-07 05-10-07	60
	Group meetings	01	25-09-07	25
	Field visits	04		55
Rabi				
Bengal gram	Off Campus Trainings	02	25-10-07 05-11-07	36
	On Campus Training	03	30-10-07 15-11-07 12-12-07	70
	Method Demonstration	02	25-10-07 30-10-07	35
	Group meeting	02	30-11-07	29
Ground nut	Field visits	02	25-10-07 05-11-07	30
	Group meeting	02	25-10-07 30-10-07	29
	Off Campus Trainings	02	25-10-07 05-11-07	46
	On Campus Trainings	01	14-10-07	09
Sunflower	Group meeting	01	15-01-08	25

c. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	No. of farmers	Area (ha)	Performance parameters / indicators	Data on parameter in relation to technology demonstrated				% change in the parameter		Remarks
					Demon.		Local check		FE	LS	
					FE	LS	FE	LS			
1. T/D pneumatic planter	Cotton	10	20	Good	28.10	24.20	10.05	08.82	179.60	174.38	Farmers are readily accepted the technology
2. Inclined plate planter (Animal drawn)	Redgram	10	10	Good	15.50	20.10	05.15	07.90	200.97	154.43	
3. Kamadhenu Bullock drawn tractor	Sunflower	10	10	Good	18.20	19.40	08.90	05.60	104.49	246.43	
4. Rotavator	Cotton	10	20	Good	26.05	30.50	07.90	09.20	229.75	231.52	
5. Power weeder (1.6/2.2KW/HP)	-	-	-	-	-	-	-	-	-	-	Not yet implement
6. Mist Blower (with ULV attachment)	-	-	-	-	-	-	-	-	-	-	

FE- Field efficiency, LS-labour saving etc.

(ii) Livestock Enterprises : Nil

(iii) Other Enterprises : Nil

Achievements on Training :

A. ON Campus

Farmers and Farm Women

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Male	Female	Total	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
1/10/2007	Improved Cultivation practices in Rabi Jowar	1	22	0	22	0	0	0	22	0	22
5/11/2007	Improved Agriculture Practices in Bengal gram	1	9	0	9	1	0	1	10	0	10
13/11/2007	Effective utilization of Natural resoures	1	8	0	8	4	0	4	12	0	12
14/11/2007	Integrated disease management in Bengalgram	1	9	0	9	0	0	0	9	0	9
14/11/2007	Improved Dairy & fodder management practices	1	8	0	8	0	0	0	8	0	8
20/11/2007	Integrated disease management in Rabi Crops	1	7	2	9	0	0	0	7	2	9
26/11/2007	Income generating activities in Agriculture	1	10	0	10	4	0	4	14	0	14
17/12/2007	Improved Groundnut cultivation practices	1	16	0	16	0	0	0	16	0	16
18/12/2007	Improved Dairy & fodder management practices	1	8	0	8	4	0	4	12	0	12
20/12/2007	Important Groundnut Diseases management	1	14	0	14	1	0	1	15	0	15
28/12/2007	Disease Management in Rabi Crop	2	21	0	21	7	0	7	28	0	28
7/1/2008	Management of Sunflower necrosis	1	10	0	10	1	0	1	11	0	11
24/1/2008	Income Generating activities in Agriculture	1	28	0	28	4	0	4	32	0	32
25/1/2008	Clean Milk Production	1	20	0	20	7	0	7	27	0	27
25/2/2008	Vermicompost production Technology	1	10	0	10	13	2	15	23	2	25
26/2/2008	Trichoderma production and its uses	1	5	2	7	9	0	9	14	2	16

1	2	3	4	5	6	7	8	9	10	11	12
3/3/2008	Vermicompost production Technology	1	26	8	34	7	0	7	33	8	41
4/3/2008	Management of Poultry farming	1	5	0	5	8	0	8	13	0	13
7/3/2008	Silk Worm rearing	1	16	0	16	6	0	6	22	0	22
17/3/2008	Vermicompost Production Technology	1	11	0	11	5	0	5	16	0	16
24/3/2008	Improved Broiler rearing method	1	9	0	9	3	0	3	12	0	12
28/3/2008	Silk Worm rearing	1	16	0	16	2	0	2	18	0	18
24/3/2008	Vermicompost Production Technology	1	21	0	21	0	0	0	21	0	21
25/3/2008	Vermicompost Production Technology	1	0	24	24	0	1	1	0	25	25
27/3/2008	Rabit Rearing	1	9	0	9	4	0	4	13	0	13
27/3/2008	Silk Worm rearing	1	17	0	17	1	0	1	18	0	18
29/3/2008	Vermicompost Production Technology`	1	0	8	8	2	6	8	2	14	16
31/3/2008	Vermicompost Production Technology	1	21	0	21	2	0	2	23	0	23
4/4/2008	Management of Sunflower Necrosis disease	1	30	0	30	0	0	0	30	0	30
5/5/2008	Use of vermicompost in Organic farming	1	12	0	12	4	0	4	16	0	16
26/5/2008	EDP in Animal Husbandry	3	0	9	9	0	8	8	0	17	17
13/6/2008	Improved Dairy farming- SHG members	1	1	14	15	0	0	0	1	14	15
14/6/2008	Improved Production practices for chili	1	13	0	13	0	0	0	13	0	13
17/6/2008	Improved production Technology for Aster	1	7	0	7	3	0	3	10	0	10
18/6/2008	Onion improved production technology	1	4	1	5	5	0	5	9	1	10
16/7/2008	Vermicompost Production technology	1	22	4	26	6	2	8	28	6	34

1	2	3	4	5	6	7	8	9	10	11	12
17/7/2008	Brinjal production technology	1	8	0	8	2	0	2	10	0	10
13/8/2008	Integrated Disease management in Cotton	1	24	0	24	7	0	7	31	0	31
14/8/2008	Pest and Disease management in Cotton	1	22	0	22	8	0	8	30	0	30
20/8/2008	Pest and disease management in Sunflower	1	3	0	3	3	0	3	6	0	6
20/8/2008	Vermicompost Production technology	1	9	15	24	2	0	2	11	15	26

Rural Youth

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Male	Female	Total	Total	Male	Female	Total
26/11/2007	Integrated Horticulture	6	18	0	18	5	0	5	23	0	23

Extension Personnel

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Male	Female	Total	Total	Male	Female	Total
19/7/2008	Agriculture and allied activities	1	26	2	28	0	0	0	26	2	28
28/12/2007	Disease Management in Rabi Crop	2	17	3	20	7	0	7	24	3	27

B.OFF Campus

Farmers and Farm Women

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Male	Female	Total	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
1/10/2007	Production technologies of Rose	1	30	0	30	1	0	1	31	0	31
1/10/2007	Integrated management of pest and diseases in Chilli	1	20	2	22	3	3	6	23	5	28
1/10/2007	Cultivation of grasses and fodder crops	1	20	0	20	5	0	5	25	0	25
1/10/2007	Aster cultivation	1	22	0	22	1	0	1	23	0	23
1/10/2007	Management of Groundnut pest and diseases	1	8	3	11	1	2	3	9	5	14
1/10/2007	Integrated management of pest and diseases of Cotton	1	30	5	35	5	3	8	35	8	43
1/10/2007	Production technologies of Rabi Jowar	1	20	1	21	2	2	4	22	3	25
12/10/2007	Improved cultivation Practices in Rabi Jowar	1	22	0	22	0	0	0	22	0	22
13/11/2007	Management of Cotton Crop disease	1	40	5	45	15	0	15	55	5	60
19/11/2007	Management of Maize crop diseases	1	20	5	25	5	0	5	25	5	30
18/12/2007	Processing and Post harvest handling of Horticulture crops	1	14	3	17	3	1	4	17	4	21
11/12/2007	Integrated Pest management in Cotton	1	31	0	31	5	0	5	36	0	36
11/12/2007	Integrated nutrient Management Bengalgram	1	17	0	17	4	0	4	21	0	21
12/12/2007	Integrated Pest management in Cotton	1	17	0	17	3	0	3	20	0	20
12/12/2007	Integrated Pest management in Cotton	1	18	0	18	6	0	6	24	0	24

1	2	3	4	5	6	7	8	9	10	11	12
14/12/2007	Cultivation of grasse and fodder crops	1	17	13	30	3	2	5	20	15	35
24/12/2007	Indigenous cattle and their importance	1	37	44	81	13	7	20	50	51	101
24/12/2007	Mango Campaign	1	32	21	53	3	3	6	35	24	59
24/12/2007	Importance of Hortiucture Crops	1	37	44	81	13	7	20	50	51	101
29/12/2007	Processing, value addition, Post harvesting , handling of Horticulture crops	2	25	9	34	5	1	6	30	10	40
2/1/2008	Integrated Pest Management	1	208	6	214	45	26	71	253	32	285
2/1/2008	Employment Opportunities in Agriculture	1	208	6	214	45	26	71	253	32	285
10/1/2008	Disease Management in Rabi Crop	1	17	13	30	3	2	5	20	15	35
10/1/2008	Pest Management in Rabi Crops	1	17	13	30	3	2	5	20	15	35
10/1/2008	Management of Oilseed crops diseases	1	55	0	55	15	0	15	70	0	70
24/1/2008	Management of animals Summer	1	31	6	37	9	0	9	40	6	46
24/1/2008	Entrepreneurship Development training to youth	1	31	6	37	9	0	9	40	6	46
24/1/2008	Vermicompost production Technology	1	31	6	37	9	0	9	40	6	46
2/2/2008	Onion Production technology	1	42	12	54	13	3	16	55	15	70
11/2/2008	Integrated Horticulture Development	1	30	10	40	0	0	0	30	10	40
13/2/2008	Kitchen Garden	1	0	20	20	0	10	10	0	30	30
20/2/2008	Importance and scope for Dylan Horticulture	1	0	20	20	0	10	10	0	30	30
21/2/2008	Disease Management in Papaya	1	15	10	25	10	5	15	25	15	40
21/2/2008	Extension Approaches for papaya production	1	15	10	25	10	5	15	25	15	40

1	2	3	4	5	6	7	8	9	10	11	12
21/2/2008	Papaya- Improved production technology	1	15	10	25	10	5	15	25	15	40
21/2/2008	Pest Management in Papaya	1	15	10	25	10	5	15	25	15	40
25/2/2008	EDP in Animal Husbandry	1	25	6	31	8	3	11	33	9	42
26/2/2008	EDP activities in Horticulture	1	0	27	27	0	3	3	0	30	30
29/2/2008	Improved Production Technology for Banana	1	38	7	45	2	3	5	40	10	50
3/3/2008	Improved Cultivation practices for flower crops	1	0	22	22	0	3	3	0	25	25
17/3/2008	Day today management Dairy farming	1	0	60	60	0	15	15	0	75	75
20/3/2008	Disease of Cattle and their control measures	1	27	10	37	3	10	13	30	20	50
24/3/2008	Organic farming in Horticulture crops	1	24	15	39	6	5	11	30	20	50
31/03/2008	Day today management Dairy farming	1	26	16	42	6	9	15	32	25	57
9/4/2008	Improved production practices for Cole crop	1	24	0	24	6	0	6	30	0	30
11/6/2008	Disease of Cattalos and Buffaloes	1	29	0	29	6	0	6	35	0	35
11/6/2008	Dry Land Horticulture	1	29	0	29	6	0	6	35	0	35
11/6/2008	Importance of Bio-agents for the management of Soil borne disease	1	29	0	29	6	0	6	35	0	35
11/6/2008	Vermicompost production technology	1	29	0	29	6	0	6	35	0	35
11/6/2008	Role of organic farming in pest management	1	29	0	29	6	0	6	35	0	35
18/7/2008	Disease management in Animal	1	22	0	22	7	0	7	29	0	29
19/6/2008	Composting with animal waste and biproducts	1	0	0	0	0	0	0	0	0	0
19/6/2008	EDP in Agriculture-Vermicomposting technology	1	0	0	0	20	5	25	20	5	25
19/6/2008	Organic farming	1	0	0	0	20	5	25	20	5	25

1	2	3	4	5	6	7	8	9	10	11	12
28/7/2008	Vermicompost production technology	1	22	1	23	17	0	17	39	1	40
28/7/2008	Vegetable production technology	1	15	0	15	10	0	10	25	0	25
8/7/2008	Contract Farming in Agriculture	1	12	0	12	5	0	5	17	0	17
8/7/2008	Management of Cross bred cows	1	10	0	10	2	0	2	12	0	12
8/7/2008	Management of Guava	1	11	0	11	5	0	5	16	0	16
30/7/2008	Day to day management of Giriraja Birds	1	7	2	9	2	1	3	9	3	12
18/7/2008	EDP- in Agriculture	1	22	0	22	7	0	7	29	0	29
18/7/2008	Importance of Horticulture in IFS demonstrations	1	22	0	22	7	0	7	29	0	29
20/7/2008	Management and development of Buffalos	1	14	4	18	5	0	5	19	4	23
25/7/2008	Cultivation of improved grass and fodder	1	9	1	10	2	2	4	11	3	14
28/7/2008	KVK, Activities	1	15	0	15	10	0	10	25	0	25
28/7/2008	KVK, Activities	1	22	1	23	17	0	17	39	1	40
28/7/2008	Pest management in Bt-Cotton	1	15	0	15	10	0	10	25	0	25
30/7/2008	Organic Farming	1	13	7	20	3	3	6	16	10	26
30/7/2008	Pest management in Chilli	1	7	0	7	5	0	5	12	0	12
30/7/2008	Production Technology in Green Chilli	1	7	0	7	5	0	5	12	0	12
6/8/2008	Improved production technology Arecanut	1	17	0	17	8	0	8	25	0	25
8/8/2008	Improved production technology for vegetables	1	23	0	23	7	0	7	30	0	30
8/8/2008	Kitchen garden	1	38	0	38	12	0	12	50	0	50
13/8/2008	Improved cultivation practices for Jasmine, Aster	1	27	0	27	8	0	8	35	0	35

1	2	3	4	5	6	7	8	9	10	11	12
14/8/2008	Organic farming practices in Horticulture	1	33	0	33	7	0	7	40	0	40
17/8/2008	Improved cultivation practices for onion	1	24	0	24	6	0	6	30	0	30
25/8/2008	Nutrient Management in Horticulture	1	17	0	17	8	0	8	25	0	25
25/8/2008	Pest Management in Bt-Cotton	1	17	0	17	8	0	8	25	0	25
25/8/2008	Role of KVK, Activities	1	17	0	17	8	0	8	25	0	25
28/8/2008	Quality Mango Production for Export	1	15	0	15	0	0	0	15	0	15
8/9/2008	Pest resistance management in Cotton	1	31	0	31	5	0	5	36	0	36
11/9/2008	Organic farming practices in horticulture	1	25	0	25	10	0	10	35	0	35

Rural Youth

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
12/11/2007	Bio diversity of Horticulture crops	1	27	18	45	4	2	6	31	20	51
12/11/2007	EDP in vegetables	1	22	15	37	5	5	10	27	20	47
12/11/2007	Bio diversity of Animals	1	27	18	45	4	2	6	31	20	51
12/11/2007	Indigenous cattle and their importance	1	22	15	37	5	5	10	27	20	47

Extension Personnel

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
28/2/2008	Quality production practices for Chillis	1	35	8	43	5	2	7	40	10	50

C) Consolidated table (ON and OFF Campus)

Farmers and Farm Women

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
On campus											
1/10/2007	Improved Cultivation practices in Rabi Jowar	1	22	0	22	0	0	0	22	0	22
5/11/2007	Improved Agriculture Practices in Bengal gram	1	9	0	9	1	0	1	10	0	10
13/11/2007	Effective utilization of Natural resoures	1	8	0	8	4	0	4	12	0	12
14/11/2007	Integrated disease management in Bengalgram	1	9	0	9	0	0	0	9	0	9
14/11/2007	Improved Dairy & fodder management practices	1	8	0	8	0	0	0	8	0	8
20/11/2007	Integrated disease management in Rabi Crops	1	7	2	9	0	0	0	7	2	9
26/11/2007	Income generating activities in Agriculture	1	10	0	10	4	0	4	14	0	14
17/12/2007	Improved Groundnut cultivation practices	1	16	0	16	0	0	0	16	0	16
18/12/2007	Improved Dairy & fodder management practices	1	8	0	8	4	0	4	12	0	12

1	2	3	4	5	6	7	8	9	10	11	12
20/12/2007	Important Groundnut Diseases management	1	14	0	14	1	0	1	15	0	15
28/12/2007	Disease Management in Rabi Crop	2	21	0	21	7	0	7	28	0	28
7/1/2008	Management of Sunflower necrosis	1	10	0	10	1	0	1	11	0	11
24/1/2008	Income Generating activities in Agriculture	1	28	0	28	4	0	4	32	0	32
25/1/2008	Clean Milk Production	1	20	0	20	7	0	7	27	0	27
25/2/2008	Vermicompost production Technology	1	10	0	10	13	2	15	23	2	25
26/2/2008	Trichoderma production and its uses	1	5	2	7	9	0	9	14	2	16
3/3/2008	Vermicompost production Technology	1	26	8	34	7	0	7	33	8	41
4/3/2008	Management of Poultry farming	1	5	0	5	8	0	8	13	0	13
7/3/2008	Silk Worm rearing	1	16	0	16	6	0	6	22	0	22
17/3/2008	Vermicompost Production Technology	1	11	0	11	5	0	5	16	0	16
24/3/2008	Improved Broiler rearing method	1	9	0	9	3	0	3	12	0	12
28/3/2008	Silk Worm rearing	1	16	0	16	2	0	2	18	0	18
24/3/2008	Vermicompost Production Technology	1	21	0	21	0	0	0	21	0	21
25/3/2008	Vermicompost Production Technology	1	0	24	24	0	1	1	0	25	25
27/3/2008	Rabit Rearing	1	9	0	9	4	0	4	13	0	13
27/3/2008	Silk Worm rearing	1	17	0	17	1	0	1	18	0	18
29/3/2008	Vermicompost Production Technology`	1	0	8	8	2	6	8	2	14	16
31/3/2008	Vermicompost Production Technology	1	21	0	21	2	0	2	23	0	23
4/4/2008	Management of Sunflower Necrosis disease	1	30	0	30	0	0	0	30	0	30

1	2	3	4	5	6	7	8	9	10	11	12
5/5/2008	Use of vermicompost in Organic farming	1	12	0	12	4	0	4	16	0	16
26/5/2008	EDP in Animal Husbandry	3	0	9	9	0	8	8	0	17	17
13/6/2008	Improved Dairy farming- SHG members	1	1	14	15	0	0	0	1	14	15
14/6/2008	Improved Production practices for chili	1	13	0	13	0	0	0	13	0	13
17/6/2008	Improved production Technology for Aster	1	7	0	7	3	0	3	10	0	10
18/6/2008	Onion improved production technology	1	4	1	5	5	0	5	9	1	10
16/7/2008	Vermicompost Production technology	1	22	4	26	6	2	8	28	6	34
17/7/2008	Brinjal production technology	1	8	0	8	2	0	2	10	0	10
13/8/2008	Integrated Disease management in Cotton	1	24	0	24	7	0	7	31	0	31
14/8/2008	Pest and Disease management in Cotton	1	22	0	22	8	0	8	30	0	30
20/8/2008	Pest and disease management in Sunflower	1	3	0	3	3	0	3	6	0	6
20/8/2008	Vermicompost Production technology	1	9	15	24	2	0	2	11	15	26
Off campus											
1/10/2007	Production technologies of Rose	1	30	0	30	1	0	1	31	0	31
1/10/2007	Integrated management of pest and diseases in Chilli	1	20	2	22	3	3	6	23	5	28
1/10/2007	Cultivation of grasses and fodder crops	1	20	0	20	5	0	5	25	0	25
1/10/2007	Aster cultivation	1	22	0	22	1	0	1	23	0	23
1/10/2007	Management of Groundnut pest and diseases	1	8	3	11	1	2	3	9	5	14
1/10/2007	Integrated management of pest and diseases of Cotton	1	30	5	35	5	3	8	35	8	43
1/10/2007	Production technologies of Rabi Jowar	1	20	1	21	2	2	4	22	3	25

1	2	3	4	5	6	7	8	9	10	11	12
12/10/2007	Improved cultivation Practices in Rabi Jowar	1	22	0	22	0	0	0	22	0	22
13/11/2007	Management of Cotton Crop disease	1	40	5	45	15	0	15	55	5	60
19/11/2007	Management of Maize crop diseases	1	20	5	25	5	0	5	25	5	30
18/12/2007	Processing and Post harvest handling of Horticulture crops	1	14	3	17	3	1	4	17	4	21
11/12/2007	Integrated Pest management in Cotton	1	31	0	31	5	0	5	36	0	36
11/12/2007	Integrated nutrient Management Bengalgram	1	17	0	17	4	0	4	21	0	21
12/12/2007	Integrated Pest management in Cotton	1	17	0	17	3	0	3	20	0	20
12/12/2007	Integrated Pest management in Cotton	1	18	0	18	6	0	6	24	0	24
14/12/2007	Cultivation of grasse and fodder crops	1	17	13	30	3	2	5	20	15	35
24/12/2007	Indigenous cattle and their importance	1	37	44	81	13	7	20	50	51	101
24/12/2007	Mango Campaign	1	32	21	53	3	3	6	35	24	59
24/12/2007	Importance of Horticulture Crops	1	37	44	81	13	7	20	50	51	101
29/12/2007	Processing, value addition, Post harvesting , handling of Horticulture crops	2	25	9	34	5	1	6	30	10	40
2/1/2008	Integrated Pest Management	1	208	6	214	45	26	71	253	32	285
2/1/2008	Employment Opportunities in Agriculture	1	208	6	214	45	26	71	253	32	285
10/1/2008	Disease Management in Rabi Crop	1	17	13	30	3	2	5	20	15	35
10/1/2008	Pest Management in Rabi Crops	1	17	13	30	3	2	5	20	15	35
10/1/2008	Management of Oilseed crops diseases	1	55	0	55	15	0	15	70	0	70
24/1/2008	Management of animals Summer	1	31	6	37	9	0	9	40	6	46
24/1/2008	Entrepreneurship Development training to youth	1	31	6	37	9	0	9	40	6	46

1	2	3	4	5	6	7	8	9	10	11	12
24/1/2008	Vermicompost production Technology	1	31	6	37	9	0	9	40	6	46
2/2/2008	Onion Production technology	1	42	12	54	13	3	16	55	15	70
11/2/2008	Integrated Horticulture Development	1	30	10	40	0	0	0	30	10	40
13/2/2008	Kitchen Garden	1	0	20	20	0	10	10	0	30	30
20/2/2008	Importance and scope for Dylan Horticulture	1	0	20	20	0	10	10	0	30	30
21/2/2008	Disease Management in Papaya	1	15	10	25	10	5	15	25	15	40
21/2/2008	Extension Approaches for papaya production	1	15	10	25	10	5	15	25	15	40
21/2/2008	Papaya- Improved production technology	1	15	10	25	10	5	15	25	15	40
21/2/2008	Pest Management in Papaya	1	15	10	25	10	5	15	25	15	40
25/2/2008	EDP in Animal Husbandry	1	25	6	31	8	3	11	33	9	42
26/2/2008	EDP activities in Horticulture	1	0	27	27	0	3	3	0	30	30
29/2/2008	Improved Production Technology for Banana	1	38	7	45	2	3	5	40	10	50
3/3/2008	Improved Cultivation practices for flower crops	1	0	22	22	0	3	3	0	25	25
17/3/2008	Day today management Dairy farming	1	0	60	60	0	15	15	0	75	75
20/3/2008	Disease of Cattle and their control measures	1	27	10	37	3	10	13	30	20	50
24/3/2008	Organic farming in Horticulture crops	1	24	15	39	6	5	11	30	20	50
31/03/2008	Day today management Dairy farming	1	26	16	42	6	9	15	32	25	57
9/4/2008	Improved production practices for Cole crop	1	24	0	24	6	0	6	30	0	30
11/6/2008	Disease of Cattalos and Buffaloes	1	29	0	29	6	0	6	35	0	35
11/6/2008	Dry Land Horticulture	1	29	0	29	6	0	6	35	0	35

1	2	3	4	5	6	7	8	9	10	11	12
11/6/2008	Importance of Bio-agents for the management of Soil borne disease	1	29	0	29	6	0	6	35	0	35
11/6/2008	Vermicompost production technology	1	29	0	29	6	0	6	35	0	35
11/6/2008	Role of organic farming in pest management	1	29	0	29	6	0	6	35	0	35
18/7/2008	Disease management in Animal	1	22	0	22	7	0	7	29	0	29
19/6/2008	Composting with animal waste and biproducts	1	0	0	0	0	0	0	0	0	0
19/6/2008	EDP in Agriculture-Vermicomposting technology	1	0	0	0	20	5	25	20	5	25
19/6/2008	Organic farming	1	0	0	0	20	5	25	20	5	25
28/7/2008	Vermicompost production technology	1	22	1	23	17	0	17	39	1	40
28/7/2008	Vegetable production technology	1	15	0	15	10	0	10	25	0	25
8/7/2008	Contract Farming in Agriculture	1	12	0	12	5	0	5	17	0	17
8/7/2008	Management of Cross bred cows	1	10	0	10	2	0	2	12	0	12
8/7/2008	Management of Guava	1	11	0	11	5	0	5	16	0	16
30/7/2008	Day to day management of Giriraja Birds	1	7	2	9	2	1	3	9	3	12
18/7/2008	EDP- in Agriculture	1	22	0	22	7	0	7	29	0	29
18/7/2008	Importance of Horticulture in IFS demonstrations	1	22	0	22	7	0	7	29	0	29
20/7/2008	Management and development of Buffalos	1	14	4	18	5	0	5	19	4	23
25/7/2008	Cultivation of improved grass and fodder	1	9	1	10	2	2	4	11	3	14
28/7/2008	KVK, Activities	1	15	0	15	10	0	10	25	0	25
28/7/2008	KVK, Activities	1	22	1	23	17	0	17	39	1	40
28/7/2008	Pest management in Bt-Cotton	1	15	0	15	10	0	10	25	0	25

1	2	3	4	5	6	7	8	9	10	11	12
30/7/2008	Organic Farming	1	13	7	20	3	3	6	16	10	26
30/7/2008	Pest management in Chilli	1	7	0	7	5	0	5	12	0	12
30/7/2008	Production Technology in Green Chilli	1	7	0	7	5	0	5	12	0	12
6/8/2008	Improved production technology Arecanut	1	17	0	17	8	0	8	25	0	25
8/8/2008	Improved production technology for vegetables	1	23	0	23	7	0	7	30	0	30
8/8/2008	Kitchen garden	1	38	0	38	12	0	12	50	0	50
13/8/2008	Improved cultivation practices for Jasmine, Aster	1	27	0	27	8	0	8	35	0	35
14/8/2008	Organic farming practices in Horticulture	1	33	0	33	7	0	7	40	0	40
17/8/2008	Improved cultivation practices for onion	1	24	0	24	6	0	6	30	0	30
25/8/2008	Nutrient Management in Horticulture	1	17	0	17	8	0	8	25	0	25
25/8/2008	Pest Management in Bt-Cotton	1	17	0	17	8	0	8	25	0	25
25/8/2008	Role of KVK, Activities	1	17	0	17	8	0	8	25	0	25
28/8/2008	Quality Mango Production for Export	1	15	0	15	0	0	0	15	0	15
8/9/2008	Pest resistance management in Cotton	1	31	0	31	5	0	5	36	0	36
11/9/2008	Organic farming practices in horticulture	1	25	0	25	10	0	10	35	0	35

Rural Youth

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
On campus											
26/11/2007	Integrated Horticulture	6	18	0	18	5	0	5	23	0	23
Off campus											
12/11/2007	Bio Diversity of Horticulture crops	1	27	18	45	4	2	6	31	20	51
12/11/2007	EDP in vegetables	1	22	15	37	5	5	10	27	20	47
12/11/2007	Bio Diversity of Animals	1	27	18	45	4	2	6	31	20	51
12/11/2007	Indigenous cattle and their importance	1	22	15	37	5	5	10	27	20	47

Extension Personnel

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
19/7/2008	Agriculture and allied activities	1	26	2	28	0	0	0	26	2	28
28/12/2007	Disease Management in Rabi Crop	2	17	3	20	7	0	7	24	3	27

Extension Personnel

Date	Title of the training programme	Duration in days	Number of participants (General)			Number of SC/ST			Total number of participants		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
On campus											
19/7/2008	Agriculture and allied activities	1	26	2	28	0	0	0	26	2	28
28/12/2007	Disease Management in Rabi Crop	2	17	3	20	7	0	7	24	3	27
Off campus											
28/2/2008	Quality production practices for Chillis	1	35	8	43	5	2	7	40	10	50

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	No. of courses	Duration (days)	No. of Participants General			No. of Participants SC/ST			No. of Participants Total			Number of persons employed else where
					Male	Female	Total	Male	Female	Total	Male	Female	Total	
Horticulture	Fruits	Nursery management practices	1	6	0	10	10	0	0	0	0	10	10	02
Dairy	Livestock production & Management	Improved Dairy farming	1	6	0	9	9	0	0	0	0	9	9	-

(E) Sponsored Training Programmes :Farmers

Sl. No	Title	Thematic area	Month	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	
						Male		Female		Total			
						Others	SC/ST	Others	SC/ST	Others	SC/ST		Total
1.	Watershed Training programme	Soil and water conservation	17/01/20008	3	11	18	8	5	2	23	7	30	District watershed Department, Haveri
2.			22/01/20008	3		24	9	0	0	24	0	24	
3.			31/01/20008	3		28	8	0	0	28	0	28	
4.			11/2/2008	3		20	7	0	0	20	0	20	
5.			14/2/2008	3		10	13	9	3	19	12	31	
6.			18/2/2008	3		18	8	4	4	22	8	30	
7.			21/2/2008	3		20	9	4	3	24	7	31	
8.			10/3/2008	3		13	11	4	8	17	12	29	
9.			04/09/2008	3		28	8	0	0	28	0	28	
10.			08/09/2008	3		20	7	0	0	20	0	20	
11.			11/09/2008	3		10	13	9	3	19	12	31	
12.	Chili Seminar		27/2/2008	1	01	59	6	1	0	60	1	61	Spice Board Hubli
13.	Grama Totagarike		12/8/2008	1	03	21	4	8	2	29	10	39	Department of Horticulture, Haveri
14.			13/8/2008	1		27	8	2	0	29	2	31	
15.			14/8/2008	1		29	7	0	0	29	0	29	
16.	EDP in Agriculture	Capacity building & group dynamics	25/8/2008	5	03	13	1	6	1	19	7	26	CIDAC, Hubli
			Total	33	18	358	127	52	26	410	78	488	

Rural Youths : Nil

Extension personnel : Nil

3.4. Extension Programmes

For Farmers

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	10	250	20	270	80	35	115	330	55	385
Kisan Mela	1	30	5	35	15	03	18	45	8	53
Kisan Ghosthi	1	25	10	35	03	08	11	28	18	46
Exhibition	0	-	-	-	-	-	-	-	-	-
Film Show	9	25	128	153	56	15	71	81	143	224
Method Demonstrations	10	233	35	268	59	30	89	292	65	357
Farmers Seminar	1	59	06	65	15	09	24	74	15	89
Newspaper coverage	11	-	-	-	-	-	-	-	-	-
Radio talks	18	-	-	-	-	-	-	-	-	-
TV talks	1	-	-	-	-	-	-	-	-	-
Popular articles	39	-	-	-	-	-	-	-	-	-
Advisory Services	51	-	-	-	-	-	-	-	-	-
Scientific visit to farmers field	100	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	91	34	15	49	32	10	42	66	25	91
Diagnostic visits	10	-	-	-	-	-	-	-	-	-
Exposure visits	1	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	1	00	25	25	00	08	08	00	33	33
Total	355	656	244	900	260	118	378	916	362	950

For Extension personnel :Nil

3.5 Production and supply of technological products (2007-08)

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS					
1.	Bajra	ICTP-8-03	10.50	10500	5
2.	Rabi jowar	M-35-1	6.0	10800	2 + not sold
3.	Little millet	Sukshema	3.4	3400	2 + not sold
4.	Foxtail millet	HMT-100-1	0.4	500	1 + not sold
OILSEEDS					
1.	Groundnut	GPBD-4	2.5	14800	07
2.	Soybean	JSS-335	2.5		Not sold
PULSES					
1	Greengram	S-4	0.51	2500	5
2	Greengram	Chainamung	0.68	3400	4
3	Blackgram	DU-1	0.98	4900	Not Sold
4		BSMR-786	4.5	16650	15
5	Redgram	Asha	2.0	7400	5
6		Maruthi	0.5	1850	2

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	20.3	25200	10
2	OILSEEDS	6.45	19300	20
3	PULSES	9.19	36700	31
TOTAL		35.94	81200	61

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
	Sapota	DHS-1	79	3950.00	50
	Sapota	DHS-2	312	15600.00	95
SPICES					
	Curry leaf	Suvasini	1067	5335.00	500
	Tamarind	NTI	54	1080.00	35
	Chekramani		100	200.00	80
Others	Kitchen garden		1512	25965	760

SUMMARY

Sl. No.	Crop	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS	391	19550	145
2	SPICES	1221	6615	615
3	Kitchen garden	1512	25965	760
	TOTAL	3124	52130	1520

BIO PRODUCTS : NIL

LIVESTOCK : NIL

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

(A) KVK News Letter

Date of start	Periodicity	Number of copies distributed
2005	Quarterly	300

(B) Literature developed/published

Item	Title	Authors name	Number
Research Papers	Evaluation of Pollen Supplement and substitute on Honey and Pollen stores of Honeybee, <i>Apis cerana</i> Fabricius	Prakash S.,Bhat N.S.,Naik, M.I., Hanumantha Swamy B.C.	12
	Growth attributes and dry matter accumulation in cowpea as influenced by different sources and levels of phosphorus with P-solubilizer	Sunil C.,Veeranna H.K.,Nanjappa H.V. Hanumantha Swamy B.C.	
	Evaluation of Sugarcane genotypes for resistance to pineapple disease(<i>Ceratocystis paradoxa</i>)	Yadahalli K.B.	
	Scenario of Sugarcane cultivation in Northern Karnataka	Yadahalli K.B.	
	<i>Ceratocystis paradoxa</i> associated mycotoxin - deterring bud germination in Sugarcane	Yadahalli K.B.,Adiver, S. S. ,Srikant Kulkarni	
	Environmental factors influencing growth and development of <i>Ceratocystis paradoxa</i> -A causal organism of pineapple disease of sugarcane.	Yadahalli K.B.	
	Influence of <i>Trichoderma harzianum</i> for the Sugarcane sett rot	Yadahalli K.B.	
	Empowerment of Women Through Dairy Training	S.V. Halakatti, C.M. Sajjanar,D.S.M. Gowda, Vijayalaxmi Kamaraddi	
	Role of bio intensive methods in the management of Greater waxmoth, <i>Galleria mellonella</i>	Hanumantha Swamy B.C.,Rajagopal D.	
	Occurrence and abundance of insect enemies of honey bees in Karnataka.	Hanumantha Swamy, B.C.,	
	Bionomics and Biometrics of Greater wax moth <i>Galleria mellonella</i> Linnaeus	Hanumantha Swamy, B.C	
	Effect of colony strength and weather factors on the incidence of greater waxmoth (<i>Galleria mellonella</i> Linn.)	Hanumantha Swamy, B.C	

Abstract Papers	Impact of Integrated Farming System Demonstrations on Small and Medium Farmers	S.M. Hiremath, Shashidhar.K.K,M.V.Nagaraj	16
	Impact of Front Line Demonstrations on Onion Productivity in Farmers Field	S.M. Hiremath,M.V.Nagaraj ,Shashidhar.K.K	
	A study on the information of consultancy pattern of Guava growers of northern Karnataka	Shashidhar.K.K,L. Majunath,L.V. Hirevenkanagoudra,S.M. Hiremath	
	Income Generation Process in Animal Husbandry under SGSY Scheme for Rural Women	Shashidhar.K.K,L. Majunath,L.V. Hirevenkanagoudra	
	Innovative Dairy Entrepreneur Farmer	C.M. Sajjanar,Shashidhar.K.K,A.B. Angadi,M.V. Nagaraj	
	A Successful Dairy Women Entrepreneur	C.M. Sajjanar,Shashidhar.K.K,M.V. Nagaraj	
	Impact of Ground Water Recharge through Community Approach	S.M. Hiremath,Shashidhar.K.K, C.M. Sajjanar,M.V.Nagaraj	
	Studies on clonal variation of sugarcane varieties	Kiran V.B.,Yadahalli K.B. Adiver S.S.,	
	Effect of culture filtrate of colletorichum falcatum on callus growth of different sugarcane varieties	Kiran V.B.,Yadahalli K.B.,Adiver S.S.	
	Value Addition and Marketing of Underutilized Fruits- A case study	Gowda, D.S.M.,Hiremath S.M.,Prashant J.M,Hilli J.S. Menisihal S.K.	
	Popularization of medicinal plants through Kitchen garden	J. S. Hilli,Prashant J.M.,Hiremath S.M.,Devendrappa S.	
	Intercropping of Medicinal plants with fruit crop	Hiremath, S.M,Nagaraja M.V.,Prashant J.M.,J.M., Hilli	
	Management of Chrysanthemum bud worm	Hanumanatha Swamy B.C.,Yadahalli K.B.	
	Foraging Behavior of Honeybees on Sunflower	Hanumanatha Swamy B.C.,Yadahalli K.B.,Venkatesh Hosamani	

	Management of Chilli Powdery Mildew disease	Yadahalli K.B., Hanumanatha Swamy B.C.	
	Management of Tursicum Leaf blight of Maize and transfer of technology through Front Line Demonstrations	Yadahalli K.B., Hanumanatha Swamy B.C.	
News Letter	KVK, News letters	KVK, Scientists	04
Technical bulletins	Velayele sudarith besaya kramagalu	S.M. Hiremath, D.S.M. Gouda, B.C. H. Swamy, C.K. Beerajanvar	07
	Mavu sudharita basaya kramagalu	S.M. Hiremath, D.S.M. Gouda, Yadahalli, K.B., Shashidara K.K.,	
	Mavu beleya adhunika utpadana tantrikategalu	S.M. Hiremath, D.S.M. Gouda, Yadahalli, K.B.	
	Bale beleya utpadana tantrikategalu	S.M. Hiremath, Nagaraj M.V., Hanumantha Swamy B.C.,	
	Bale beleya adhunika utpadana tantrikategalu	S.M. Hiremath, D.S.M. Gouda, Nagaraj H.R., Swamy G.S.K.	
	Papaya Uthpadana Thantrikathe	S.M. Hiremath, Nagaraj .V., Yadahalli, K.B., Hanumantha Swamy B.C.,	
	Hingari Beleyalli sassya samrakshana kramagalu	Yadahalli, K.B., Hanumantha Swamy B.C., Hiremath S.M., Nagaraj M.V., Sajjanar, C.M	
Popular articles	Keetagalinda bele rakshisu bevu .	Hanumanthaswamy B. C., Yadahalli K. B Shashidhar K.K,	10
	Shega beleyalli kempu thale kambali huluvin samagra nirvahane,	Hanumanthaswamy B. C., Yadahalli K. B. Mallikarjunappa Gowda D.S.	

	Bhattada Pramuka Keetagala nirvahane.	Hanumanthaswamy B. C. ,Yadahalli K. B. ,Beerajjanavar C.K.	
	Keeta nirvahaneyalli sasya janya keeta nashakagalla patra	Hanumanthaswamy B. C. ,Yadahalli K. B. ,	
	Bahu Upayogakari Lavanha.	Shashidhar K.K.,Hanumanthaswamy B. C.,Beerajjanavar C.K.	
	Jaivika gobbaragalu mattu avugala mahiti	Chandrappa K. Beerajjanavar, Venkatesh Hosamani,	
	Shevantige (Charysanthemum)	Chandrappa Beerajjanavar,K.K. Shashidra, Venkatesh Hosamani, S.M. Hiremath	
	Mulangi vandu uttama tarakari	Chandrappa K. Beerajjanavar, Venkatesh Hosamani,S.M. Hiremath	
	Jaivik Indhanvagi Jatropa	Chandrappa Beerajjanavar,K.K. Shashidra,Venkatesh Hosamani, S.M. Hiremath	
	Manu beleya Keetagalu hagu avugala nirvahane,	Hanumanthaswamy B. C.,Yadahalli K. B. Hiremath S.M.	
Extension literature	Yerehula gobbara	B.C.H. Swamy, M.V. Nagaraju, K.B. Yadahalli, S.M. Hiremath C.M.Sajjanar., Shashidara K.K., Chandrappa K.B. ,Venkatesh Hosamani,	09
	Krishi Uttapadaneyalli Jenu nonagala patra	B.C.H. Swamy, M.V. Nagaraju, K.B. Yadahalli,S.M. Hiremath ,C.M. Sajjanar., Shashidara K.K., Venkatesh Hosamani ,Chandrappa K.B	
	Suryakanti beleya sasya samrakshane	K.B. Yadahalli, B.C.H. Swamy, S.M. Hiremath, C.M.Sajjanar,Shashidara K.K	

	Raitara sanjeevini Krishi Vigyana Kendra, Hanuman	M.V. Nagaraju, Shashidara K.K., K.B. Yadahalli, C.M.Sajjanar., S.M. Hiremath,B.C.H. Swamy	
	In-situ Mango grafting	S.M. Hiremath , M.V. Nagaraju, K.B. Yadahalli, C.M.Sajjanar,B.C.H. Swamy, Shashidara K.K. ,Venkatesh Hosamani	
	<i>Trichoderma Jaivika Shilindra,</i>	K.B. Yadahalli, M.V. Nagaraju, B.C.H. Swamy, Venkatesh Hosamani ,S.M. Hiremath ,C.M.Sajjanar,Shashidara K.K.	
	<i>Pashu Aharadalle Ajolla Balake</i>	C,M Sajjnar,Venkatesh Hosamani, K.B Yadahalli, B.C Hanumanthaswamy, S,M Hiremath,Shashidhara.K.K,	
	<i>Kitagalle Kitanashkagal Nirodhka Shakthiya Nivarhana Kramagallu</i>	S.S. Udikare, S.B Patil, B.C Hanumanthaswamy,K.B Yadahalli, Venkatesh Hosamani, M.V. Nagaraja, S,M Hiremath, Shashidhara.K.K, Purinama Matti ,S.S Patil, <i>Hattiya</i>	
	<i>Hattiya Sampradhika Kita Pidegalu,</i>	S.S. Udikare, S.B Patil, B.C Hanumanthaswamy, K.B Yadahalli, Venkatesh Hosamani, M.V. Nagaraja, Purinama Matti, Shashidhara.K.K, G.S Guruprasad,S.S Patil,	
		TOTAL	60

B. Details of Electronic Media Produced : Nil

3.7. Success Stories

1. Title: A successful farmer with Integrated Farming System approach

a) Back ground : Sri Pakirappa Haveri, aged 65 years, resident of Karjjaggi village of Haveri taluka of Haveri district, he had education only upto Vth std. His major source of income is through agriculture. He is head of the joint family constituting a total of 20 members, with land holding of 27 acres, of which 5 ha of land is rainfed. Before in his land he was following monocropping system, growing crops like sorghum local, little and foxtail millet, maize, sunflower and local vegetable crops alone. He was not having Horticulture, forestry plants in his land, similarly he was also not having poultry birds and vermi compost units. He had 2 buffaloes and 6 bullocks as animal component.

b) Interventions :

i) Process : During 2004-05 and 2005-06 farming system demonstrations under Sujala project was implemented and demonstrated through Krishi Vigyan Kendra in the Maruti micro Watershed Sanga, classified as micro watershed by Sujala watershed organizations of Itagi subwatershed. Our Krishi Vigyan Kendra, conducted farming system demonstrations to promote the adoption of improved farming practices on major crops, introduced Horticulture plants, Sapota, Curryleaf and Lime, Animal husbandry (Giri rani Birds), Forestry (Teak) seedlings and construction of vermicompost twin units. The critical inputs distributed included improved seeds, Horticultural plants, sapota (DSH-1 and DSH-2), curryleaf (Suhavasini), teak seedlings etc. Similarly poultry birds (Girirani) 2 male and 10 female birds were distributed and twin vermicompost units were constructed.

ii) Technology :

Introducing the farming system demonstrations to the farmer with improved variety and technologies in Agriculture and vegetable crops increased farmers income substantially. In field crops, Greengram (S-4), Blackgram (TAU-1) Sunflower (KBSH-1), Little millet (sukshema), Foxtail millet (HMT-100-1), Redgram (Asha), Soybean (JS-335) and Cotton (DSH-11) with IPM practices were advocated and critical inputs provided.

Impact (Horizontal Spread, Economic gains & Employment Generation):

He has followed all above practices through the advice of KVK scientists, subsequently average yield of field crops increased to 37.56 q/ha compared to benchmark yield of about 18.90 q/ha. The annual gross income through field crops from rainfed increased from Rs.14580/- to Rs. 51420/- year. Similarly on cultivation of improved vegetable crops such as cluster bean, Bhendi, French bean, Chilli, Tomato, Cucumber and Ash gourd, he has obtained increased average

yield of vegetable crops i.e., 56 q/ha compared to bench mark yield 19.50 q/ha. The annual gross income through vegetable crops from rainfed increased from Rs. 11860/- to Rs. 23081/-. The Animal components viz., 12 Girirani chicks of one month old were distributed, which during the past 10 months have laid more than 500 eggs earning an income of Rs. 1500/- per year. Further few eggs were allowed to hatch and the chicks obtained, were subsequently sold @ Rs.50/- each bird of one month old. Similarly aged birds were sold for meat purpose locally @ Rs.300/- bird. The total earning from these animal components was Rs. 15000/- per year. In his farm construction of vermicompost twin units was taken up and efficient strain of earth worms were supplied for initiating vermi composting. He has produced 7 q/year/twin units. The overall additional income has increased to Rs. 50034/- per year (73%) over bench mark income of Rs. 13440/- per year. The benefit from every Rupee spent increased from 0.74 to 1.32 rupees

2) Title : Mushroom Production

Back ground :

Shri Shankarappa M. Malagi, aged 38 years, resident of Ranebennur, had education up to Diploma. His major source of income is through welding shop. He is living in a joint family setup constituting a total of 13 members including his two daughters. In order meet his large family requirements he needed a subsidiary occupation with sizeable income. in this regard he underwent training on " Mushroom Production " at Krishi Vigyan Kendra, Hanumanamatti on 21-22 November, 2003 along with his wife. This training impacted in them through knowledge and skill in mushroom production, marketing and its medicinal values. He realised, the scope and profitability of this venture, as were no producers in this product. He began the production of mushroom from 5th January,2004 with minimum of 10 kilo spawn. It was a failure. He persisted with his efforts in this line and successfully started production from March,2004 with five kilo spawn material purchased from Lalbagh, Government of Karnataka, Bangalore.

b) Interventions :

The knowledge acquired in the training programme and through is trial and error methods, he is now sustains production level of two to five kilo per day. This accrues to 60-150 kg per month. He sells fresh mushroom, to the selected consumers on demand at the price of Rs. 60 per kg. The gross returns range from

Rs. 3600 to Rs.,9000 per month and the net returns being Rs. 2500 to Rs.7500 per month.

ii)Technology :

He is doing business without affecting his regular welding, daily he spends a minimum of two hours in early morning hours and the rest of the work load is attended by his wife. He sustains is family through this subsidiary income of Rs. 2500 to 7500 per month by self marketing system. By puting least efforts in the subsidiary occupation he earns sizeable income, as a reward for his enterprenarship. He is aspiring to expand this business in large scale in future.

3.8. 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.

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

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 past	As a mosquito repellent.
3.		Use of ash / neem leaves	Control of storage pests
4.	Vegetables	Odour of coriander and fennel	Avoid menace of wild pigs
5.	Crop production	Crop rotation with sorghum after garlic,	Increases Rabi sorghum yield
6.	Maize	Use of Human hairs	Control of wild pigs in

3.10 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.

In-service personnel

- Bimonthly workshops
- NARP workshops
- Extension workshops

3.11 Field activities

- i. Number of villages adopted : 10
- ii. No.of farm families selected : 84
- iii. No.of survey/PRA conducted : 20

3.12. 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 Inset 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

3. Details of samples analyzed so far :

Details	No. of Samples analysed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	243	243	170	12150
Water Samples	226	226	153	11300
Total	469	469	323	23450

3.1. Details of samples analyzed during 2007-08 :

Details	No. of Samples analysed	No. of Farmers benefited	No. of Villages	Amount realized
Soil Samples	136	128	112	6800.00
Water Samples	123	111	108	6150.00
Total	259	239	220	12950.00

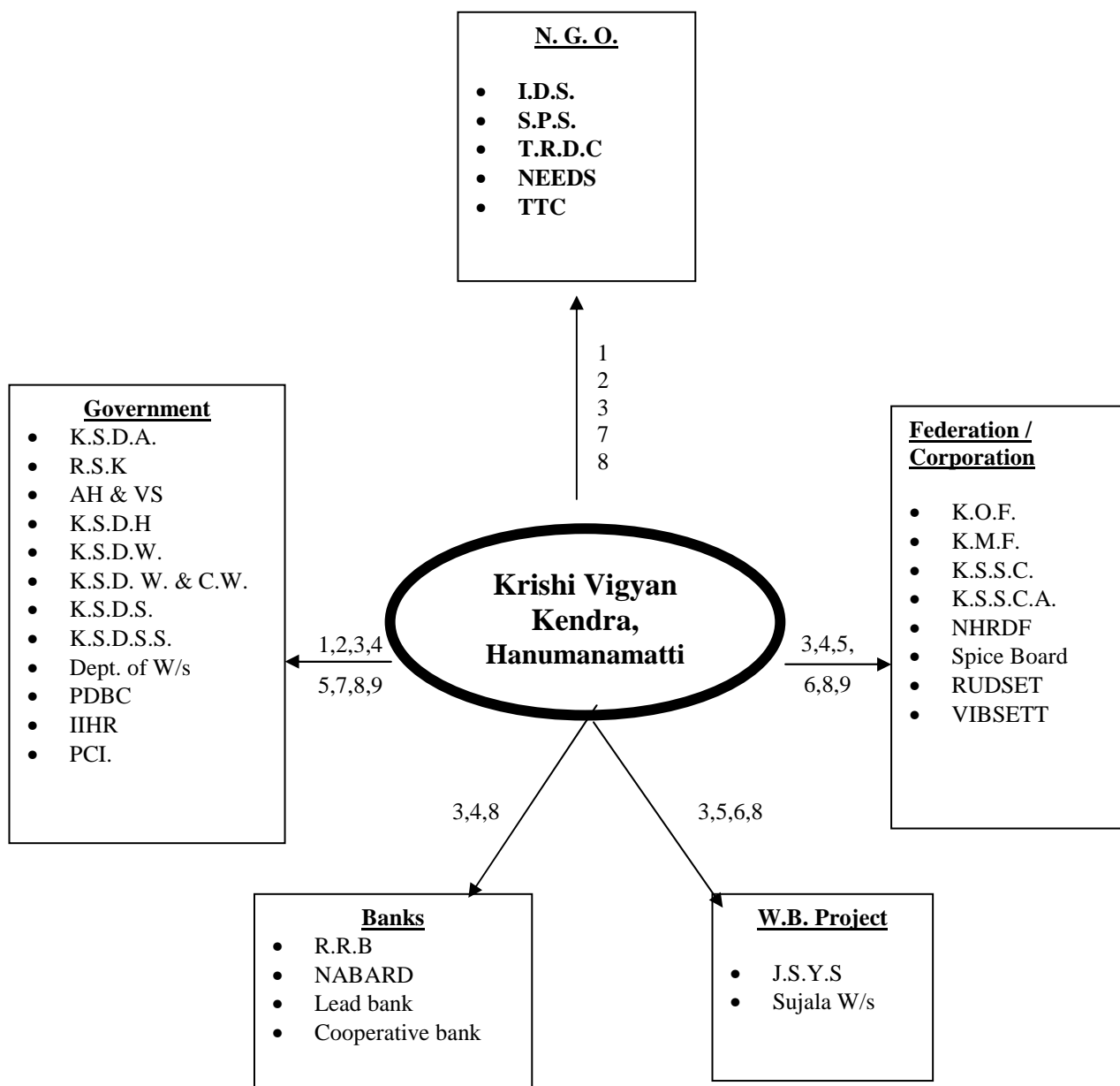
4.0 IMPACT : Nil

5.0 LINKAGES

5.1 Functional linkage with different organizations

Sl. No.	Name of the organization	Nature of Linkage
1.	State Dept. of Agriculture	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
2.	State Dept. of Horticulture	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
3.	Rural Development Institutes (Zilla & Taluk Panchayats)	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
4.	State Dept. of Animal husbandry & Veterinary Services	Conducting training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
5.	Karnataka Milk Federation	Conducting training programmes.
6.	Women and Child Development Department	Conducting training programmes.
7.	Karnataka Oil Seeds Federation	Supply of inputs
8.	NABARD, Vijaya Bank, State Bank of India, M.G. Bank and Syndicate Bank.	Participation in meeting, conducting training programmes and promotion of TTC.
9.	Bharath Agro Industries Foundation, Haveri	Conducting training programmes
10.	GRASIM Janakalyan Trust, Kumar Pattanum	Conducting training programmes.
11.	Sheep and Wool Development Board	Conducting trainings.
12.	State Dept. of Watershed	Conducting training programmes, IFS Demonstration, Seminars and Field days.
13.	JSYS	Conducting training programmes, Demonstration, Seminars and Field days.
14.	National Horticultural Research and Development Federation	Joint implementation and participation in meeting/Training Programme
15.	Spice Board	Joint implementation and participation in meeting/Training Programme
16.	Different private firms dealing with Medicinal and Aromatic crops	Training Programmes
17.	IIHR, Bangalore	Technical consultancy
18.	NGO's	Joint implementation and participation in meeting.
19.	Mahila Mandals and Youth Clubs	Joint implementation and participation in meeting.
20.	Sugar Factories	Joint diagnostic survey and participation in meeting
21.	Karnataka Sugar Institute, Belgaum	Joint diagnostic survey and participation in meeting/ Training
22.	Private Vegetable Seed Industry	Consultancy
23.	Successful Entrepreneurs	Conducting Training Programme/ Technical Advice
24.	Vijaya Bank Sponsored Employment Training Institute	Joint implementation participation in meeting and conducting in Training Programme.

LINKAGES DEVELOPED



Nature of Linkages are indicated by following Numbers

1. Training needs
2. Conducting of training programmes
3. Organising training programmes
4. Joint implementation of programmes for increasing productivity of crops/enterprises
5. Joint diagnostic survey
6. Contribution received for infrastructure development
7. Identification of target groups for implementing the KVK activities such as training, OFT, demonstrations
8. Advisory services
9. Supply of inputs/materials

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies : Nil

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1.	Conducting assessment, refinement, validation and adoption of Front Line technologies	Collaboration	Rs. 50,000/- released

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any
1	Gramma Totagarike	Training Programme	-

5.5 Nature of linkage with National Fisheries Development Board : Nil

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit	Year of estt.	Area	Details of production			Amount (Rs.)	
				Variety	Produce	Qty. Qtl.	Cost of inputs	Gross income
1.	Vermi compost	1998	0.1	<i>E. euginea</i>	Vermi compost	11	1000.00	3300.00

6.2 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. (qtl.)	Cost of inputs	Gross income	
Cereals									
Bajjar	22.06.07	28.10.07	0.8	ICTP-8-03	Bulk seed	10.50	5000	10500	Sold out
Rabi(Jowar)	05.10.07	31.01.08	1.0	M-35-1	Seed	6.00	2500	-	Not Sold
Little millet(Savi)	10.07.07	29.10.07	0.8	Sukshema	Seed	3.40	15000	-	Not Sold
Little millet(Navane)	10.07.07	02.11.07	0.8	HMT-100-1	Seed	0.40	1000	-	Not Sold
Pulses									
Green gram	26.06.07	13.09.07	0.3	S-4	Seed	0.51	600	-	Not Sold
Green gram	26.06.07	18.09.07	0.3	Chainmung	Seed	0.68	559	-	Not Sold
Black gram	26.06.07	20.09.07	0.3	DU-1	Seed	0.98	850	-	Not Sold
Red gram (Transplanting Technique used)	08.06.07	09.01.08	0.5	BSMR-736	Seed	4.5	3100	3700	(1 qtl) Sold
	28.05.07	21.01.08	0.2	ASHA	Seed	2.0	1500	-	Not Sold
	26.07.07	28.01.08	0.2	Maruti	Seed	0.5	1250	-	Not Sold
Oilseeds									
Groundnut	28.07.07	24.11.07	0.6	GPBD-4	Seed	2.5	5200	14222	Sold
	28.07.07	24.11.07		GPBD-5	Seed	0.2			
	28.07.07	24.11.07		TAG-26	Seed	0.4			
	28.07.07	24.11.07		TAG-28	Seed	0.25			
	28.07.07	24.11.07		DH-86	Seed	0.6			
Sunflower	13.07.07	15.10.07	0.6	KBSH-41	Bulk seed	4.0	6500	18150	Sold
	13.07.07	15.10.07	0.8	KBSH-1	Bulk seed	3.26			
Soybean	29.06.07	03.10.07	0.2	JSS-335	Seed	2.50	2100	-	Not Sold
Fibers									
Sunhemp	25.07.07	29.12.07	1.2	Local	Seed	0.4	1100	-	Not Sold
Spices & Plantation crops									
Fruits									
Guava	-	-	-	L-49	Fruits	1.68	-	840	Sold
Sapota	-	-	-	DHS-1	Fruits	2.0	-	1000	Sold
Sapota	-	-	-	DHS-2	Fruits	2.0	-	1000	Sold
Custard apple	-	-	-	Local	Fruits	0.81	-	405	Sold

6.3 Performance of production Units : Bio-agents : Yet be started

6.4 Performance of instructional farm : Nil

6.5 Utilization of hostel facilities Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
October 2007	-	-	-
November 2007	-	-	-
December 2007	55	04	-
January 2008	102	09	-
February 2008	132	12	-
March 2008	36	3	-
April 2008	-	-	-
May 2008	-	-	-
June 2008	-	-	-
July 2008	-	-	-
August 2008	21	5	-
September 2008	72	3	-

7. Achievements in database management

a. Training Database : Table

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

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 Horti
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	Krishivi Vgyan 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	38	0	0	0	0	0	0	0	38	

b. Discipline wise Training report

KVK Activities - [Disciplan- wise Query]

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Disciplan- wise Query

Training type:

Disipline	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:

Disipline	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:

Disipline	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

Saturday, April 19, 2008

Page: 1 of 1

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

Microsoft Excel - Soil Report-2007-08

Sl. No	Year	Month	Given Date	Name	Village	Taluka	District	Survey No	Date	Sample ID.	pH
56	2007-08	March	10/3/2008	Sri. Rudragouda V. Patil	Sanvasagi	Hangal	Haveri	57/1	24/03/2008	55	6.70
57	2007-08	March	10/3/2008	Sri. Nandikoppa H. Pakkeerappa	Sanvasagi	Hangal	Haveri	136/4	24/03/2008	56	5.90
58	2007-08	March	10/3/2008	Sri. Kulakarani V. Puttappa	Sanvasagi	Hangal	Haveri	107/1B	24/03/2008	57	6.30
59	2007-08	March	10/3/2008	Sri. Malatesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	58	5.80
60	2007-08	March	10/3/2008	Sri. Jagadesh T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	59	7.00
61	2007-08	March	10/3/2008	Sri. Veerabhadrapa T. Hirur	Handihal	Hangal	Haveri	11/1	24/03/2008	60	7.80
62	2007-08	March	10/3/2008	Sri. Siddanagouda G. Kalvekallapur	Sanvasagi	Hangal	Haveri	33	24/03/2008	61	7.80
63	2007-08	March	10/3/2008	Sri. Hanumanatappa Pakkeerappa	Sanvasagi	Hangal	Haveri	138/2B+3A+3B+4A	24/03/2008	62	6.60
64	2007-08	March	10/3/2008	Sri. Patil S. Siddaramappa	Sanvasagi	Hangal	Haveri	139	24/03/2008	63	7.50
65	2007-08	March	10/3/2008	Sri. Benni R. Siddaramappa	Negavanagi	Hangal	Haveri	132A	24/03/2008	64	7.40
66	2007-08	March	10/3/2008	Sri. Shenmukayya Puttappa	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	65	6.40
67	2007-08	March	10/3/2008	Sri. Kulakarani V. Siddaramappa	Sanvasagi	Hangal	Haveri	126/2B2	24/03/2008	66	7.30
68	2007-08	March	10/3/2008	Sri. Krishnamurthy S. Kulakarani	Belavatti	Hangal	Haveri	178/5 173/1B	24/03/2008	67	6.90
69	2007-08	March	10/3/2008	Sri. Chandrashekar R. Benni	Sanvasagi	Hangal	Haveri	126/2A	24/03/2008	68	6.40
70	2007-08	March	10/3/2008	Sri. Basavaraja S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	69	6.50
71	2007-08	March	10/3/2008	Sri. Pakkeerappa E. Benni	Sanvasagi	Hangal	Haveri	11/2	24/03/2008	70	7.40
72	2007-08	March	10/3/2008	Sri. Doddamani S. Puttappa	Sanvasagi	Hangal	Haveri	138/1A, 16/2	24/03/2008	71	8.30
73	2007-08	March	10/3/2008	Sri. Shantaveerappa P. Doddamani	Sanvasagi	Hangal	Haveri	138/1A+1B/1	24/03/2008	72	7.40
74	2007-08	March	10/3/2008	Sri. Kundapur P. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/2	24/03/2008	73	7.68
75	2007-08	March	10/3/2008	Sri. Kundapur M. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/1	24/03/2008	74	7.30
76	2007-08	March	10/3/2008	Sri. Nagappa M. Nandikoppa	Sanvasagi	Hangal	Haveri	154/2, 190/2	24/03/2008	75	6.90
77	2007-08	March	10/3/2008	Sri. Jagadesh S. Benni	Sanvasagi	Hangal	Haveri	11/1	24/03/2008	76	7.10
78	2007-08	March	10/3/2008	Sri. Veerayya S. Kulkarani	Sanvasagi	Hangal	Haveri	125/4	24/03/2008	77	7.60
79	2007-08	March	10/3/2008	Sri. Shiddapur M. Puttappa	Sanvasagi	Hangal	Haveri	124/1+2	24/03/2008	78	6.60
80	2007-08	March	10/3/2008	Sri. Shiddapur Y. Mallappa	Sanvasagi	Hangal	Haveri	123	24/03/2008	79	6.80
81	2007-08	March	10/3/2008	Sri. Moodur E. Kalaveerappa	Sanvasagi	Hangal	Haveri	6/2A	24/03/2008	80	7.40
82	2007-08	March	10/3/2008	Sri. Ashok S. Jigalera	Bidanikoppa	Hangal	Haveri	65/2	28/03/2008	81	7.80
83	2007-08	March	10/3/2008	Sri. Ramesh S. Jigalera	Bidanikoppa	Hangal	Haveri	65/1	28/03/2008	82	6.7
84	2007-08	March	10/3/2008	Sri. Fakirappa Goulappanavara	Nellikoppa	Hangal	Haveri	18/3A	28/03/2008	83	7.2
85	2007-08	March	10/3/2008	Sri. Rudragouda M. Patil	Handihal	Hangal	Haveri	12/1	28/03/2008	84	7.42
86	2007-08	March	10/3/2008	Sri. Veerabharappa J. Malatesha	Handihal	Hangal	Haveri	12/1	28/03/2008	85	7.6

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Microsoft Excel - Water Report-2007-08

Sl. No	Year	Month	Given Date	Name	Village	Talu	District	Survey No	Date	Sample ID	Color	Turbid	Organic Mater	E	uspended
40	2007-08	March	10/3/2008	Sri. Basappa S. Banakar	Sanvasagi	Hangal	Haveri	132/6	24/03/2008	144	colourless	-	-	7.7	2.85
41	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	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	2007-08	March	10/3/2008	Sri. Doddamani E. Pakkeerappa	Sanvasagi	Hangal	Haveri	5	24/03/2008	147	colourless	-	-	7.9	1.63
44	2007-08	March	10/3/2008	Sri. Doddamani K. Puttappa	Sanvasagi	Hangal	Haveri	138/1A+B2/2	24/03/2008	148	colourless	-	-	8.1	1.15
45	2007-08	March	10/3/2008	Sri. Hiramah Y. Puttappa	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	149	colourless	-	-	7.9	1.07
46	2007-08	March	10/3/2008	Sri. Kuntanahoshalli P. Pakkeerappa	Sanvasagi	Hangal	Haveri	96	24/03/2008	150	colourless	-	-	7.7	1.7
47	2007-08	March	10/3/2008	Sri. Shantihanna D. Hotanahalli	Haraleshwara	Hangal	Haveri	30/P4	24/03/2008	151	colourless	-	-	7.9	1.2
48	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	2007-08	March	10/3/2008	Sri. Veerupanna D. Hotanahalli	Haraleshwara	Hangal	Haveri	30/P2	24/03/2008	153	colourless	-	-	7.6	2.1
50	2007-08	March	10/3/2008	Sri. Hanumanagouda C.	Haraleshwara	Hangal	Haveri	97	24/03/2008	154	colourless	-	-	7.8	1.9
51	2007-08	March	10/3/2008	Sri. Rudragouda Y. Patil	Sanvasagi	Hangal	Haveri	57/1	24/03/2008	155	colourless	-	-	8	2.7
52	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	2007-08	March	10/3/2008	Sri. Kulakarani V. Puttappa	Sanvasagi	Hangal	Haveri	107/1B	24/03/2008	157	colourless	-	-	8.1	2.6
54	2007-08	March	10/3/2008	Sri. Malatesh T. Hirur	Handihal	Hangal	Haveri	1/1	24/03/2008	158	colourless	-	-	7.9	1.8
55	2007-08	March	10/3/2008	Sri. Jagadesh T. Hirur	Handihal	Hangal	Haveri	1/1	24/03/2008	159	colourless	-	-	8.3	2.1
56	2007-08	March	10/3/2008	Sri. Veerabhadrapa T. Hirur	Handihal	Hangal	Haveri	1/1	24/03/2008	160	colourless	-	-	8	1.6
57	2007-08	March	10/3/2008	Sri. Siddanagouda G. Kalvekallapur	Sanvasagi	Hangal	Haveri	33	24/03/2008	161	colourless	-	-	7.8	1.9
58	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	2007-08	March	10/3/2008	Sri. Patil S. Siddaramappa	Sanvasagi	Hangal	Haveri	139	24/03/2008	163	colourless	-	-	8.3	1.8
60	2007-08	March	10/3/2008	Sri. Benni R. Siddaramappa	Negavanagi	Hangal	Haveri	132A	24/03/2008	164	colourless	-	-	7.8	1.96
61	2007-08	March	10/3/2008	Sri. Shenmukayya Puttappa	Sanvasagi	Hangal	Haveri	24/2A+2B	24/03/2008	165	colourless	-	-	7.6	1.77
62	2007-08	March	10/3/2008	Sri. Kulakarani V. Siddaramappa	Sanvasagi	Hangal	Haveri	126/2B2	24/03/2008	166	colourless	-	-	7.9	2.10
63	2007-08	March	10/3/2008	Sri. Krishnamurthy S. Kulakarani	Belavatti	Hangal	Haveri	178/5 173/1B	24/03/2008	167	colourless	-	-	8.1	1.82
64	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	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	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	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	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	2007-08	March	10/3/2008	Sri. Kundapur P. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/2	24/03/2008	173	colourless	-	-	8.1	2.25
70	2007-08	March	10/3/2008	Sri. Kundapur M. Ramachandrabatta	Bommanahalli	Hangal	Haveri	178/1	24/03/2008	174	colourless	-	-	7.9	1.42
71	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	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	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	2007-08	March	10/3/2008	Sri. Shiddapur M. Puttappa	Sanvasagi	Hangal	Haveri	124/1+2	24/03/2008	178	colourless	-	-	7.8	1.9
75	2007-08	March	10/3/2008	Sri. Shiddapur Y. Mallappa	Sanvasagi	Hangal	Haveri	123	24/03/2008	179	colourless	-	-	7.6	1.7
76	2007-08	March	10/3/2008	Sri. Moodur E. Kalaveerappa	Sanvasagi	Hangal	Haveri	6/2A	24/03/2008	180	colourless	-	-	7.9	1.82
77	2007-08	March	10/3/2008	Sri. Ashok S. Jigalera	Bidanikoppa	Hangal	Haveri	65/2	28/03/2008	181	colourless	-	-	7.6	1.8
78	2007-08	March	10/3/2008	Sri. Ramesh S. Jigalera	Bidanikoppa	Hangal	Haveri	65/1	28/03/2008	182	colourless	-	-	7.9	2.3
79	2007-08	March	10/3/2008	Sri. Fakirappa Goulappanavara	Nellikoppa	Hangal	Haveri	18/3A	28/03/2008	183	colourless	-	-	8.1	1.7
80	2007-08	March	10/3/2008	Sri. Rudragouda M. Patil	Handihal	Hangal	Haveri	12/1	28/03/2008	184	colourless	-	-	8	1.92
81	2007-08	March	10/3/2008	Sri. Veerabharappa J. Malatesha	Handihal	Hangal	Haveri	12/1	28/03/2008	185	colourless	-	-	7.77	2.3

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d. Prescription report of Soil & Water analysis:

Soil Report - 2007-08 - Microsoft Word

Office of the Programme Co-ordinator, Phone: (05373) 253524, Fax: 9443497332, Email: kvt_haveri@rediffmail.com

Office of the Programme Co-ordinator, Phone: (05373) 253524, Fax: 9443497332, Email: kvt_haveri@rediffmail.com

No. KVK/HMT/S.A.E./ 2007-08 Date: 25.03/2008

SOIL ANALYSIS REPORT

Name	: Sri. Veerabharappa J. Maheshwari	Village	: Handedal
Block	: Hongsal	Dist.	: Haveri
Sample ID	: 85 /S.A.E./2007	Survey No.	: 12/1

As received	Observed Value
Moisture Content (%)	11.5
Available Nitrogen (%)	0.15
Available Phosphorus (%)	0.05
Available Potassium (%)	0.15
Calcium (%)	0.15
Magnesium (%)	0.15
Sulphur (%)	0.15
Iron (%)	0.15

Programme Co-ordinator

Water Report - 2007-08 - Microsoft Word

Office of the Programme Co-ordinator, Phone: (05373) 253524, Fax: 9443497332, Email: kvt_haveri@rediffmail.com

Office of the Programme Co-ordinator, Phone: (05373) 253524, Fax: 9443497332, Email: kvt_haveri@rediffmail.com

No. KVK/HMT/W.A.R./ 2007-08 Date: 25.03/2008

WATER ANALYSIS REPORT

Name	: Sri. Veerabharappa J. Maheshwari	Village	: Handedal
Block	: Hongsal	Dist.	: Haveri
Sample ID	: 185 /W.A.E./2007	Survey No.	: 12/1

As received	Observed Value	As received	Observed Value
Temperature	25.00	Calcium	0.15
pH	7.5	Magnesium	0.15
Total Hardness	2.50	Sulphur	0.15
Calcium Hardness	0.15	Iron	0.15
Magnesium Hardness	0.15	Zinc	0.15
Chloride	0.15	Copper	0.15
Sulphate	0.15	Nickel	0.15
Nitrate	0.15	Fluoride	0.15

Programme Co-ordinator

The image shows two side-by-side screenshots of Microsoft Word documents. The left document is a 'Soil Analysis Report' and the right is a 'Water Analysis Report'. Both reports are from the University of Agricultural Sciences, Dharwad, and are dated 25.03.2008. The soil report includes a table with 8 rows of parameters and their observed values. The water report includes a table with 8 rows of parameters and their observed values. Both reports are signed by the Programme Co-ordinator.

e. Seeds and Planting Material Database: Details of crops along with varieties sold

SI No	Year	Month	Date	Name	Village	Tq	Dist	Particulares	Variety	Rate[(per/P (seeds/d
1	2007-08	July	6.7.07	PC, JSS, KVK	Suttur			Groundnut		3200
2	2007-08	July	21.7.07	SFS, ZARS	Mudagere			Groundnut		3200
3	2007-08	August	21.8.07	Extension Leader, Eeu	Hadagali			Groundnut		3200
4	2007-08			PC, KVK	Kanehalli	Tiptur		Groundnut		3200
5	2007-08			PC, KVK	Bagalkote	Bagalkote	Bagalkote	Groundnut		3200
6	2007-08			V.C. Patil	Ranebennur	Ranebennur	Haveri	Curryleaf	Suwasini	5
7	2007-08			PC, KVK, Babbur farm	Hiriyur			Groundnut		3200
8	2007-08			PC, KVK, Babbur farm	Hassan	Hassan		Groundnut		3200
9	2008-09	October	27.10.08	D.H. Vadder	Vanahalli	Siggaon	Haveri	Curryleaf		5
10	2008-09	October	27.10.08	D.H. Vadder	Vanahalli	Siggaon	Haveri	Lime		5
11	2008-09	October	29.10.08	PC, KVK	Hanumanamatti	Ranebennur	Haveri	Groundnut	GPBD-4	3200
12	2008-09	November	26.09.08	PC, KVK,	Mudigere			Groundnut		3200
13	2008-09	November	26.09.08	PC, KVK,	Haranahalli	Bangalore		Groundnut		3200
14	2008-09	November	26.09.08	PC, KVK,	Kunehalli	Tipture		Groundnut		3200
15	2007-08			PC, KVK,	Mudigere			Groundnut	GPBD-4	3200
16	2007-08	August	21.08.07	Smt. Padma, V.C. Farm	Mandya			Groundnut	GPBD-4	3200
17	2007-08	December	28.12.07	Shefullakhan & Staff, ARS/KVK	Hanumanamatti	Ranebennur	Haveri	Sapota		5
18	2007-08	December	26.12.07	PC, TKVK	Davanagere	Davanagere	Davanagere	Groundnut	GPBD-4	3200
19	2008-09	May	05.05.08	Jayadeva Asundi	Ranebennur	Ranebennur	Haveri	Curryleaf	Suwasini	5
20	2008-09	May	05.05.08	Jayadeva Asundi	Ranebennur	Ranebennur	Haveri	Sapota	DSH-1	50
21	2008-09	May	07.05.08	Sr. Asst. Director of Horticulture	Ranebennur	Ranebennur	Haveri	Curryleaf	Suwasini	5
22	2008-09	May	31.05.08	Smt. Shobha Cakrasali	Ranebennur	Ranebennur	Haveri	Sapota	DSH-2	50
23	2008-09	May	31.05.08	Farmers	Kudapalli	Ranebennur	Haveri	Curryleaf	Suwasini	5
24	2008-09	May	31.05.08	Farmers	Kudapalli	Ranebennur	Haveri	Cakramani		5
25	2008-09	May	31.05.08	Farmers	Kudapalli	Ranebennur	Haveri	Tamarind		20
26	2008-09	May	31.05.08	B.K. Masanagi	Bannihatti	Ranebennur	Haveri	Redgram	BSMR	3600

f) KVK Inventory of Assets :Details of inventories including all assets explaining year of purchase, present condition etc.

Details of inventories including all assets explaining year of purchase, present condition									
Sl No	Dead Stock	Stock Page No	Item No	Year	Date	Name of the Materials	Book Balance (Qty)	Purchase Value	Remarks
1	Vol-I	1	1	1999-2000	28.03.2000	Overhead Projector- Photophone	1	19500.00	
2	Vol-I	1	2	1999-2000	28.03.2000	Slide Projector -Photophone 35 AF	1	15500.00	
3	Vol-I	2	1	1999-2000	28.03.2000	SLR Camera Nikon FM-10	1	18500.00	
4	Vol-I	2	2	2000-01	30.08.2000	Secature	2	123.00	
5	Vol-I	3	1	2000-01	30.08.2000	Budding and Grafting Knife	2	130.00	
6	Vol-I	5	1	2001-02	30.03.2002	Computer IBM(NETVISTA, No. 6049BIA-633IHIN)	1	46000.00	
7	Vol-I	5	2	2001-02	30.03.2002	UPS (Wipro 500 VA)	1	3950.00	
8	Vol-I	5	3	2001-02	30.03.2002	Dotmatrix Printer(Wipro LQ 1050 XD Gold)	1	15750.00	
9	Vol-I	6	1	2001-02	30.03.2002	Scanner (HP Sanc Jet-2200 C)	1	5400.00	Not working
10	Vol-I	6	2	2001-02	30.03.2002	Software Srilipi Package	1	2600.00	
11	Vol-I	6	3	2001-02	30.03.2002	Amplified Speaker	1	725.00	
12	Vol-I	6	4	2001-02	30.03.2002	Internal Modem	1	750.00	
13	Vol-I	6	5	2001-02	30.03.2002	Computer Table	1	4300.00	
14	Vol-I	6	6	2003-04	08.01.2004	C.D. Writer	1	2900.00	
15	Vol-I	7	1	2001-02	30.03.2002	Brass Kolagas (ICC 12"to 14" size) with Bross covers	4	183.75	
16	Vol-I	8	1	2001-02	30.03.2002	Brass Jointless dechies dabaris (14.5" to 16.5")with covers	4	289.75	
17	Vol-I	9	1	2001-02	30.03.2002	Brass taaple ICC 9.5" (dia 8/9 kg cooking capacity)with covers	1	296.28	
18	Vol-I	10	1	1979-80	07.05.1979	Brass Dabaris	4		Not working
19	Vol-I	11	1	1979-80	07.05.1979	Brass Buckets 9" dia	4	54.84	Not working
20	Vol-I	12	1			Sauce pans Brass	2	30.30	Not working

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

Amount sanction (Rs.in Lakh)	Expenditure (Rs.in Lakh)	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.)		
9.50	9.00	<ul style="list-style-type: none"> • Mango garden plantation • Drip irrigation • Guava Plantation • Sapot plantation 	11	05	-	300	50	-	2 ha.

9. FINANCIAL PERFORMANCE

9.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	SBI, Dharwad	Dharwad	-
With KVK	SBI RNR	RNR	01100050048

9.2 Utilization of funds under FLD on Oilseed (Rs. in Lakh)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2008
	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007-08	
Inputs	0.63	0.70	0.60	0.52	0.21
Extension activities	0.09	0.10	0.06	0.04	0.09
TA/DA/POL etc.	0.13	0.15	0.12	0.14	0.02
TOTAL	0.85	0.95	0.78	0.60	0.42

9.3 Utilization of funds under FLD on Pulses (Rs. in Lakh)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2008
	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007 -08	
Inputs	0.55	0.53	0.54	0.21	0.33
Extension activities	0.08	0.08	0.02	0.02	0.12
TA/DA/POL etc.	0.11	0.11	0.11	0.11	0.00
TOTAL	0.74	0.71	0.67	0.34	0.45

9.4 Utilization of funds under FLD on Cotton (Rs. in Lakh)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2008
	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007 -08	
Inputs	0.70	0.35	0.70	0.35	Nil
TA/DA/POL etc.	0.20	0.09	0.20	0.09	
Extension activities	0.05	0.03	0.05	0.03	
TOTAL	0.95	0.47	0.95	0.47	

9.5 a. Utilization of KVK funds during the year 2007 -08

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	27.00	27.00	21.88
2	Traveling allowances	1.00	1.00	01.00
3	Contingencies			
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	1.86	1.86	1.76
<i>B</i>	POL, repair of vehicles, tractor and equipments	0.96	0.96	0.95
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.78	0.78	0.35
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.72	0.72	0.71
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.75	0.75	0.61
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.36	0.36	0.25
<i>G</i>	Training of extension functionaries	0.24	0.24	0.18
<i>H</i>	Maintenance of buildings	0.24	0.24	0.23
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory	0.00	0.00	0.00
<i>J</i>	Library	0.09	0.09	0.005
TOTAL (A)		34.00	34.00	34.00
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)		34.00	34.00	34.00

b. Utilization of KVK funds during the year 2008 -09 (upto Sep. 2008)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	29.00	29.00	13.00
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)	1.75	1.75	0.50
B	POL, repair of vehicles, tractor and equipments	0.90	0.90	0.45
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	0.75	0.75	0.25
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.75	0.75	0.40
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	0.95	0.95	0.80
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	0.20
G	Training of extension functionaries	0.10	0.10	0.04
H	Maintenance of buildings	0.20	0.20	0.10
I	Establishment of Soil, Plant & Water Testing Laboratory	0.00	0.00	0.00
J	Library	0.05	0.05	0.01
K	Farmers Field School	0.25	0.25	0.10
TOTAL (A)		36.00	36.00	16.20
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)		36.00	36.00	16.20

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

Name Revolving fund	Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
Training	April 2005 to March 2006	13.45	73.49	53.99	19.50
	April 2006 to March 2007	15.19	01.00	00.15	01.19
	April 2007 to March 2008	1.19	4.04	2.24	2.99
ICAR	April 2005 to March 2006	01.00	0.30	0.03	01.30
	April 2006 to March 2007	01.31	0.41	0.22	01.86
	April 2007 to March 2008	01.86	4.21	4.50	1.57

10.0 Reflection above information

Constraints

a) Administrative

- Scientist working in the extension field from the past ten years have less opportunities to get exposure in research and teaching fields. Moreover, the extension scientist continues in the same cadre for longer period in comparison to the staff in research and teaching.
- Scientists of all disciplines work in the KVK. As the demands and work nature of each scientist differ, one needs to have separate computer to efficiently meet work demands and load. However, there are not individual computers allotted for hastening work of individual scientist. Increasing the number of computers will help individual scientists to complete their work allotted to them as per schedule and efficiently.

b) Financial

- Financial assistance is required for equipments like silent generator and digital handcam.
- Financial assistance either in the form of monetary benefits or tool kits may be provided for promoting group activities such as self help groups, youth clubs, farmer clubs and mahila mandals.

c) Technical

- Demonstration unit with latest technical know-how are to be established with innovative institutions like KVK, for the benefit of visiting farmers to convey the recent advances in technology. So the essential requirements in terms of infrastructure are green house and Vermicompost units.

SUMMARY TABLES

1 Details of Technology assessment and refinement

Table 1A: Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Crop Management	-	-	01	-	01	-	-	-	-	02
Integrated Pest Management	-	-	01	-	-	-	-	-	-	01
Integrated Disease Management	-	-	-	-	01	-	-	-	-	01
Resource conservation technology	-	-	-	-	-	-	01	-	-	01
TOTAL	00	00	02	00	02	00	01	00	00	05

Table 1 B: Abstract on the number of technologies refined in respect of crops - Nil

Table 1 C: Abstract on the number of technologies assessed in respect of livestock enterprises : Nil

Table 1 D: Abstract on the number of technologies refined in respect of livestock enterprises : Nil

Table - 1 E Details of technology refined : Nil

2. Details of Frontline Demonstrations

Table - 2 A Front Line Demonstrations on Oilseed Crops

Crop	Technology Demonstrated	No. of Farmers	Area (ha.)	Demo. Yield	Local Check	Increase in yield (%)	Data on parameter in relation to technology demonstrated		Average Net Return (Profit) (Rs./ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
							Demo	Local		
Groundnut	<ul style="list-style-type: none"> Improved varieties GPBD-4 FeSO₄ & ZnSO₄ Soil application @ 10 kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @ 4 g/kg. Rhizobium treatment @ 400 gm/ha. 	10	10	17.8	14.00	27	17.8	14.00	32523	1:2.71
Sunflower	<ul style="list-style-type: none"> Sunflower hybrid (KBSH-44) Wider spacing (90 cm X 30 cm) Imidacloprid (5 g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. 	25	10	13.4	10.31	30	13.4	10.31	26518	1:3.8
Soybean	<ul style="list-style-type: none"> High yielding varieties (JS-335). ZnSO₄-12 kg/ha Rhizobium & PSB treatment @ 400 g/ha Urea spray @ 2% at 50 % flowering 	25	10	18.6	13.50	38	18.6	13.50	24904	1:3.5
Sesamum	<ul style="list-style-type: none"> Improved variety Vermicompost @5 q/ha 	12	05	2.60	1.80	30	2.60	1.80	9310	1: 3.34
Groundnut	<ul style="list-style-type: none"> Improved varieties (DH-86). Soil application FeSO₄ & ZnSO₄ @ 10kg/ha. Vermicompost 1000 kg/ha. Seed treatment with Trichoderma @4gm/kg. Rhizobium treatment @ 400 gm/ha. 	10	10	28.50	19.50	46.15	28.50	19.50	65569	1:4.60
Sunflower	<ul style="list-style-type: none"> Sunflower hybrid (KBSH-44) Wider spacing (90 cm X 30 cm) Imidacloprid (5 g /kg) Seed treatment Vermicompost 10 q/ha. Installation of Bee hives 5 Nos./ha. Boron spray @ 0.5 % 	25	10	8.8	7.2	22	8.8	7.2	15213	1:3.6

Table - 2 B Front Line Demonstrations on Pulse Crops

Crop	Technology Demonstrated	No. of Farmers	Area (ha.)	Demo. Yield	Local Check	Increase in yield (%)	Data on parameter in relation to technology demonstrated		Average Net Return (Profit) (Rs./ha)	Benefit-Cost Ratio
							Demo	Local		
Redgram	<ul style="list-style-type: none"> Improved variety (BSMR & ASHA) RDF-25: 50 : 12.5 NPK kg /ha Seed treatment with Trichoderma(4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) NSKE (5%) Pheromone traps (5 traps/ha) Need based insecticides spray 	25	10	12.56	9.23	36.08	12.56	9.23	16853	1:2.04
Greengram	<ul style="list-style-type: none"> Improved variety S-4 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) Bird perches (150/ha) 	25	10	3.1	2.5	24	3.1	2.5	2977	1:1.14
Black gram	<ul style="list-style-type: none"> Improved variety Like DU-1 RDF-25: 50: 0 NPK kg /ha Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) 	25	10	5.7	3.8	50	5.7	3.8	9567	1:2.3
Benga1 gram	<ul style="list-style-type: none"> Improved variety Bheema Nipping 45-50 DAS Seed treatment with Trichoderma (4g/kg) 	35	14	7.3	6.1	19.44	7.3	6.1	16016	1:7.16

Table - 2 C Front Line Demonstrations on Cotton

Crop	Technology Demonstrated	No. of Farmers	Area (ha.)	Demo. Yield	Local Check	Increase in yield (%)	Data on parameter in relation to technology demonstrated		Average Net Return (Profit) (Rs./ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
							Demo	Local		
Cotton	<ul style="list-style-type: none"> • Improved variety MRCH-6918 • Seed treatment with Imdacloprid 10 g/kg seeds • Seed treatment with Trichoderma (4g /kg) & Rhizobium (375 g/ha) • Bird perches (150/ha) • NSKE (5%) • Pheromone traps (5 traps/ha) • Need based insecticides spray • Topping 60 - 70 DAS 	50	20	18.87	15.64	20.68	18.87	15.64	32412.00	1:2.94
Cotton	<ul style="list-style-type: none"> • Popularizing high yielding Variety like DDHC-11. • Nipping at 70 days after sowing. • Seed treatment with Trichoderma @ 8 g/kg seed against soil -borne diseases • Usage of Micronutrients/ Bio-fertilizers 	25	10	5.5	4.3	27.09	5.5	4.3	5302.00	1:2.8

Table - 2 D Front Line Demonstrations on Other Crops

Crop	Technology Demonstrated	No. of Farmers	Area (ha.)	Demo. Yield	Local Check	Increase in yield (%)	Data on parameter in relation to technology demonstrated		Average Net Return (Profit) (Rs./ha)	Benefit-Cost Ratio
							Demo	Local		

Chilli	Introduction Hy(HCH-9646)	25	10	95.0	71.0	33.80	95.0	71.0	54604	1:2.55
Onion	Popularization of variety Arka Kalyan	25	10	192	150	28	192	150	57828	1:3.04
Aster	Popularization of variety Kamini	10	05	50	39.5	26.58	50	39.5	120470	1:4.07
Chrysanthemum	Popularization of variety Co-1	25	10	97	77	25.94	97	77	182706	1:3.05
Ginger	Nutrition Management	10	05	78	64	21.88	78	64	30959	1:2.07
Dolichus bean	Popularization of variety Konkan Bhushan	10	05	6.7	5.2	28.84	6.7	5.2	32837	1:3.06

Table - 2 E Front Line Demonstrations on Other enterprises : Nil

3. Details of training programmes conducted:

Table - 3 A Area-wise distribution of On + Off Campus Training Courses for Farmers and Farm Women (regular + sponsored)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Crop Production								
Integrated Crop Management	5	89	1	90	3	2	5	92
Production of organic inputs	1	17	0	17	8	0	8	25
Horticulture								
a) Vegetable Crops								
Production of low value and high volume crop	10	198	23	221	57	5	62	267
Off-season vegetables	2	39	0	39	16	0	16	55
Nursery raising	4	96	20	116	29	10	39	125
Exotic vegetables	2	39	15	54	6	5	11	45
b) Fruits								
Training and Pruning	1	30	10	40	0	0	0	30
Layout and Management of Orchards	3	67	27	94	8	13	21	75
Cultivation of Fruit	1	22	0	22	7	0	7	29
Management of young plants/orchards	2	28	0	28	13	0	13	41
Rejuvenation of old orchards	1	15	10	25	10	5	15	25
c) Ornamental Plants								
Nursery Management	1	27	0	27	8	0	8	35
Export potential of ornamental plants	5	121	87	208	18	13	31	139
d) Plantation crops:Nil								
e) Tuber crops								
Processing and value addition	3	39	12	51	8	2	10	47
f) Spices :Nil								
g) Medicinal and Aromatic Plants:Nil								
Soil Health and Fertility Management								
Integrated water management	11	209	35	244	101	23	124	368
Integrated nutrient management	1	17	0	17	4	0	4	21
Livestock Production and Management								
Dairy Management	8	93	82	175	26	25	51	119
Poultry Management	2	14	0	14	11	0	11	25
Piggery Management								
Rabbit Management	1	9	0	9	4	0	4	13
Animal Disease Management	3	78	10	88	16	10	26	94
Feed and Fodder technology	3	46	14	60	10	4	14	56
Production of quality animal products	2	68	50	118	22	7	29	90
Home Science/Women empowerment:Nil								
Agril. Engineering: Nil								
Plant Protection								
Integrated Pest Management	10	376	29	405	100	33	133	476

Integrated Disease Management	13	262	35	297	64	7	71	326
Bio-control of pests and diseases	5	83	10	93	20	8	28	103
Fisheries:Nil								
Production of Inputs at site								
Bio-agents production	2	34	2	36	15	0	15	49
Vermi-compost production	13	214	66	280	73	11	84	287
Organic manures production	4	42	7	49	29	8	37	71
Capacity Building and Group Dynamics								
Formation and Management of SHGs	1	1	14	15	0	0	0	1
Mobilization of social capital	3	35	10	45	19	5	24	54
Entrepreneurial development of farmers/youths	14	337	60	397	98	46	144	442
Agro-forestry:Nil								
Others								
KVK Activities	6	103	1	104	44	0	44	147
Chilli Seminar	1	59	1	60	6	0	6	66
TOTAL	144	2907	631	3538	853	242	1089	3772

Table - 3 B Area-wise distribution of On + Off Campus Training Courses for Rural Youth (regular + sponsored + vocational)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Integrated Farming	1	27	18	45	4	2	6	51
Protected cultivation of vegetable crops	1	22	15	37	5	5	10	47
Nursery Management of Horticulture crops	1	18	0	18	5	0	5	23
Dairying	1	22	15	37	5	5	10	47
Poultry production	1	27	18	45	4	2	6	51
TOTAL	5	116	66	182	23	14	37	219

Table - 3 C Area-wise distribution of On + Off Campus Training Courses for In-service Extension Personnel (regular + sponsored)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Productivity enhancement in field crops	1	26	2	28	0	0	0	28
Integrated Pest Management	1	17	3	20	7	0	7	27
Protected cultivation technology	1	35	8	43	5	2	7	50
Total	03	78	13	91	12	2	14	105

Table - 4 Numbers of Extension Activities and Beneficiaries

Nature of Extension Activity	No. of activities	Farmers			Total		
		Male	Female	Total	Male	Female	Total
Field Day	10	330	55	385	330	55	385
Kisan Mela	1	45	8	53	45	8	53
Kisan Ghosthi	1	28	18	46	28	18	46
Exhibition	0	-	-	-	-	-	-
Film Show	9	81	143	224	81	143	224
Method Demonstrations	10	292	65	357	292	65	357
Farmers Seminar	1	74	15	89	74	15	89
Newspaper coverage	11	-	-	-	-	-	-
Radio talks	18	-	-	-	-	-	-
TV talks	1	-	-	-	-	-	-
Popular articles	39	-	-	-	-	-	-
Advisory Services	51	-	-	-	-	-	-
Scientific visit to farmers field	100	-	-	-	-	-	-
Farmers visit to KVK	91	66	25	91	66	25	91
Diagnostic visits	10	-	-	-	-	-	-
Exposure visits	1	-	-	-	-	-	-
Self Help Group Conveners meetings	1	0	33	33	0	33	33
Total	355	916	362	950	916	362	950

Table - 5 A Productions of Seeds

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS				
1.	Bajra	10.50	10500	5
2.	Rabi jowar	6.0	10800	2 + not sold
3.	Little millet	3.4	3400	2 + not sold
4.	Foxtail millet	0.4	500	1 + not sold
	Total	20.3	25200	10
OILSEEDS				
1.	Groundnut	3.95	14800	07
2.	Soybean	2.5	4500	Not sold
	Total	5.0	19300	
PULSES				
1	Greengram	0.51	2500	5
2	Greengram	0.68	3400	4
3	Blackgram	0.98	4900	Not Sold
4	Redgram	4.5	16650	15
5		2.0	7400	5
6		0.5	1850	2
	Total	9.19	36700	31

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	20.3	25200	10
2	OILSEEDS	6.45	19300	07
3	PULSES	9.19	36700	31
	TOTAL	35.94	81200	61

Table - 5 B Production of planting/seedling materials of Fruits/Vegetables/Forest Species

Sl. No.	Category	Crop	Quantity (Nos.)	Value (in Rs.)	Provided to No. of Farmers
I. FRUITS					
1		Sapota	79	3950.00	50
2		Sapota	312	15600.00	95
Total			391	19550	145
II. SPICES					
1		Curry leaf	1067	5335.00	500
2		Tamarind	54	1080.00	35
3		Chekramani	100	200.00	80
Total			1221	6615	615
III. Others		Kitchen garden	1512	25965	760

SUMMARY

Sl. No.	Crop	Quantity (Nos.)	Value (in Rs.)	Provided to No. of Farmers
I	FRUITS	391	19550	145
II	SPICES	1221	6615	615
III	Kitchen garden	1512	25965	760
TOTAL		3133	52130	1520

Table -5 C Production of bio products : Nil

Table 5 D Livestock materials : Nil