

**UNIVERSITY OF AGRICULTURAL SCIENCES,
DHARWAD**



PROGRESS REPORT
(October, 2003 to September,2004)

Prepared for the
Annual Review Meeting of KVK's and TTC's
2003-2004
at
KVK, HULKOTI (GADAG)
(24th to 27th September-2004)

KRISHI VIGYAN KENDRA,
HANUMANAMATTI-581135
Tq: RANEBENNUR , Dt: HAVERI
KARNATAKA STATE

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**ANNUAL REPORT OF KRISHI VIGYAN KENDRA
HANUMANAMATTI
(For the period October 2003 to September 2004)**

1. Name of KVK : KRISHI VIGYAN KENDRA
HANUMANMATTI-581135
HAVERI DISTRICT
2. KVK Code : --
3. Name of the Organization : University of Agricultural Sciences,
Dharwad,-580005
Address : Krishi Nagar,**Dharwad- 580, 005.**
Telegraphic Address : **UNIVAGRIS**
Fax No. : **91-036-348349**
4. Name of the Head of the Organization with Designation : Dr. S.A.Patil ,
Vice Chancellor ,
UAS, Krishi Nagar ,
Dharwad- 580, 005
Dr.B.S.Nadagoudar,
Director of Extension
UAS, Krishi Nagar ,
Dharwad- 580, 005
5. Name of the In-charge of the KVK with Designation : Mr. D. S. Mallikarjunappa Gowda
Training Organiser (OPG).
6. Address of the KVK (with Pin Code No.) : Krishi Vigyan Kendra,
Hanumanmatti – 581135,
Ranebennur Taluk, Haveri District,
Telephone Nos. : **08373 – 253524(O), 262531(R)**
Mobile: 94483 – 38145
7. Letter No.& Date by which KVK was sanctioned by ICAR : No. - **Dated 15.12.1976**
8. Month and year of inception of KVK : **June 1977**

2 Staff Position.

Positions	Sanctioned	Filled
Sr. Scientist.	1	1
Scientists.	6	6
Technicians.	3	3
Administrative.	2	2
Supporting.	2	2
Drivers.	2	2
Total.	16	16

Staff Position (as on 30th September 2004)

Name with Designation Including Discipline	Pay scale with present basic pay	Date of joining	Category SC/ST/OBC/ Others
Mr.D.S.Mallikarjunappa Gowda Training Organiser. (OPG) Soil & Water Cons. Engg.	12,000-16,500 10,200.00	06-10-1994	GM
Dr.S.V. Halakatti . Trg.Assoc. (Ag.Extn.Edn.) Agril.Extension Education	8,000-13,500 10,475.00	06-10-1995	GM
Dr. C.M. Sajjanar. Trg. Assoc.(Ani.Sci.) Animal Genetics and Breeding	8,000-13,500 9,925.00	14.02.1997	GM
Mr.S.M.Hiremath. Trg.Assoc. (Horti) Horticulture(Olericulture)	8,000-13,500 9,925.00	09.07.2002	GM
Mr. K .B.Yadahalli Trg.Assoc. (Pl.Path.)	8,000-13,500 9,925.00	03.10.2003	GM
Mr.T.C.Jayaprakash. Res.Assoc.(Agron.) Against Trg.Assoc(Agronomy) Agronomy	8,000-13,500 11,500.00 (Consolidated)	23.03.2004	SC
Dr. S.S. Karabhantanal, Research Associate (Ag.Ent.)	8,000-13,500 12,000.00 (Consolidated)	07.11.2003	GM
Miss. K.N. Rekha Trg.Asst.(Comp. Prog.) Computer Programmer	8750.00 Consolidated	02.06.2004	GM
Smt.Vijayalaxmi Kamaraddi Res. Assoc. (H.Sc.) Against Trg. Asst.(H.Sci.)	5,575-10,620 11,500.00 (Consolidated)	11.11.2003	GM
Mr. H.R. Nagaraju Trg. Asst. (Soil Science)	8750.00 (Consolidated)	02.06.2004	GM
Mr. A.B.Banakar. Supt.(General)	6,000-11,120 8,000.00	1.07.2003	GM
Mr. Kallappa .T.Beldar. Typist	4,150-7,800 4,250.00	10.04.2003	SC
Mr. B.Ramesh Driver (LV)	3,000-5,450 3,650.00	30.05.1995	GM
Mr. C.V.Nelogal Farm Labour	3,000-5450 3,150.00	01.07.2002	GM
Mr.P.C.Kunbevin Senior Watchman	3,000-5450 4,350.00	07.06.1998	GM
Mr.K.B.Belakeri Gardener	2500-3850 3,150.00	02.11.1998	GM

HAVERI DISTRICT AT A GLANCE BASIC INFORMATION OF HAVERI DISTRICT

Geological Area(ha)	4,85,156
Total Number Of Talukas	07
Total Number Of Corporations	06
Total Number Of Village Panchayats	210
Total Number Of Villages	675
Total Population	12,69,200
Total Urban Population	2,03,700
Total Village Population	10,65,500
Total Cultivable Land (ha)	3,86,071
Total Irrigation Land (ha)	72,671
Total Forest Area (ha)	47,454
Normal Rainfall(mm)	752.80
Agriculture Training Schools	02
Seed Production Centers	02
Total Rainfall Gauges	27

Horticulture Scenario of Haveri District (Area in ha)

Sl. No	Taluka	Fruit Crops	Vegetables	Spices	Horticulture Crops	Flowers	Total
1	Haveri	333	1569	7217	85	106	9310
2	Hanagal	657	1218	1295	471	164	3805
3	Shiggaon	670	212	9054	257	79	10263
4	Savanur	197	375	15223	444	208	16447
5	Byadagi	471	1824	1118	460	173	4046
6	Ranebennur	808	6709	1450	510	137	9164
7	Hirekerur	1602	8708	3488	1786	626	25824
	Total	4738	20615	38836	4013	1493	78859

Veterinary Institutions of Haveri District

Sl. No	Taluka	Vet. Hospitals	Vet. Dispensaries	Primary Vet. Centers	Artificial Insemination Centers	Key Village Scheme Centers	Mobile Vet. Clinics	Regional Labs.	Total
1	Haveri	1	7	8	6	1	1	--	23
2	Hirekerur	2	6	12	9	1	1	--	31
3	Hanagal	1	4	11	1	--	1	--	31
4	Ranebennur	1	5	15	--	--	1	--	18
5	Shiggaon	2	3	6	6	--	1	1	19
6	Byadagi	2	3	10	--	--	1	--	16
7	Savanur	1	1	7	--	--	1	--	10
	Total	10	29	69	22	2	7	1	140

Live Stock population of Haveri District

Sl No	Taluka	Cattle	C.B. Cattle	Buffaloes	Total	Sheep	Goat	Pigs	Total	Poultry Birds
1	Haveri	43434	6806	20018	70258	51343	26373	670	148644	399973
2	Hirekerur	66379	7695	28792	102866	14701	26027	474	144068	190907
3	Hanagal	61286	1945	16183	79414	23347	16698	574	120033	165012
4	Ranebennur	41002	3060	28504	72566	103686	34078	394	210724	316296
5	Shiggaon	40315	3425	10479	54219	24877	9572	458	89126	142594
6	Byadagi	32480	3948	11265	47693	11806	13608	171	73278	105148
7	Savanur	29746	2172	10753	42671	16982	11084	268	71005	96634
	Total	314642	29051	125994	4693687	246742	130440	3009	856878	1416564

Area Under Cultivation of Different Crops

Sl No	Details	2004-05 (Area in ha)	2003-04 (Area in ha.)
1	Cereals	186086	176518
2	Oil Seeds	23568	25408
3	Cotton	32183	25187
4	Pulses	36089	35650
5	Sugarcane	1189	3239
6	Chili	417	3200
7	Onion	2325	8500

Sl No	Crop	2004-05 (Area in ha)	2003-04 (Area in ha.)
1	Maize	115581	87436
2	Sorghum	27984	22807
3	Paddy	26862	50425
4	Minor Millets	15659	13270
5	Ragi (Sole crop)	400	1901
6	Bajra	50	639
7	Groundnut	16566	18654
8	Sunflower	794	1130
9	Sesamum	1806	1925
10	Niger	1988	2557
11	Soybean	452	393
12	Castor	200	415
13	Greengram	22933	21044
14	Redgram	8324	8505
15	Cowpea	3557	8505
16	Blackgram	848	1490

STATEMENT SHOWING THE RAINFALL MONTH WISE, TALUKWISE, 2003-04

DISTRICT : HAVERI		REPORTING DATE : 31-7-2004									
TALUKA		Jan 04	Feb 04	March 04	April 04	May 04	June 04	July 04	Aug 04	Sept 04	From Jan-03 to 31-07-04
Haveri 1	Normal	3.1	2.3	7.7	44.5	82.4	93.8	164.9	98.30	90.70	398.7
	2002	0	54.5	0	25.6	11.8	103.1	34.5	-		229.5
	2003	0	0	50.3	69.8	0	33.2	58	29.00	7.70	211.3
	2004	0	0	8.6	86.6	123.6	80.9	50.3	92.30	19.40	350
Byadgi 2	Normal	0.5	0	3.7	40.9	77.8	89.4	146.6	94.2	90.80	358.9
	2002	0	43.4	0	38.2	133.4	86.0	35.6	177.60	19.80	336.6
	2003	0	0	22.4	72.4	0	15.6	41.4	61.70	41.70	151.8
	2004	0	0	27.6	87	105.6	69	60.2	104.2	38.20	349.4
Hangal 3	Normal	1.9	1.1	5.8	38.6	70.2	142.0	283.0	151.20	73.10	542.6
	2002	0	7.5	0	98.5	21.2	148.3	59.6	-		335.1
	2003	0	7.5	0	94.5	8.0	125.5	147.5	-		383
	2004	0	0	0	126.9	190.5	183.1	81.5	192.10	7.50	582
Hirekerur 4	Normal	1.0	3.2	3.8	37.8	74.3	100.1	209.1	114.40	86.80	429.3
	2002	0	21.6	0	43.2	33.3	140.7	71.2	115.40	30.00	310
	2003	0	3.8	3.8	92.1	12.2	45.4	110.9	73.65	22.40	268.2
	2004	0	0	20.0	44.2	109.4	101.2	60.2	193.59	5.70	335
Ranebennur 5	Normal	2.0	1.9	5.6	37.5	77.5	69.4	98.8	71.01	86.00	292.7
	2002	0	0	0	117.7	20.0	48.4	39.2	31.10		225.3
	2003	0	80.6	0	20.1	104.3	94.3	31.1	36.40		330.4
	2004	0	0	0	149.39	90.5	71.8	81.3	-	34.80	392.9
Savanur 6	Normal	1.1	2.1	2.9	29.9	89.4	84.5	129.2	87.10	88.90	339.1
	2002	0	4.5	0	7.0	69.5	148.7	29.7	71.70	19.90	259.4
	2003	0	0	63.4	42.2	4.4	53.9	55.9	32.00	11.60	219.8
	2004	0	0	0	73.8	86.5	108.6	55.7	110.20	17.00	334.6
Shiggaon 7	Normal	1.7	1.1	3.6	38.8	70.4	90.8	168.9	106.20	81.10	375.3
	2002	0	17.6	0	60.8	49.6	161.8	84.1	-		373.9
	2003	0	0	0.3	69.4	0	112.6	78.6	78.28	40.87	260.9
	2004	0	0	0	83.9	136.9	115.6	79.6	185.50	27.50	416
District Average	Normal	1.61	1.67	4.73	38.29	77.43	95.71	171.50	-	-	390.9
	2002	0	32.81	0	41.91	60.44	126.13	49.40	-	-	310.7
	2003	0	1.61	23.11	76.39	3.51	64.13	75.46	-	-	244.2
	2004	0	0	8.03	93.10	121.86	104.31	66.97	-	-	394.3
% of rainfall to		0	0	170	243	157	109	39	-	-	101

Rainfall (mm) Data of Haveri District 2003-04 and 2004-05

Sl. No	Month	Normal Rain Fall	2004-05	2003-04
1.	January	1.61	-	00.00
2.	February	1.67	-	00.74
3.	March	4.73	8.03	14.24
4.	April	38.29	93.10	69.56
5.	May	77.43	121.86	09.34
6.	June	95.71	104.31	53.66
7.	July	171.50	66.97	60.81
8.	August	390.90	-	56.15
9.	September	-	-	27.08
10.	October	-	-	199.45
11.	November	-	-	00.00
12.	December	-	-	00.00
Total			394.30	491.03

Note: Normal rainfall of the Haveri district was 719.54 mm. Actual rainfall during 2003-04 was 491.03 mm which is less than 228.51.mm and that of 2004-05 is 325.24 mm which is less than 719.54 mm of normal rainfall.

3. Total Land with KVK (in ha.) :

Sl.No	Item	Area (ha)
A.	Under Buildings.	1.60
B.	Under Demonstration Units.	0.20

4. Infrastructure facilities available (Land, Building and Equipments).

A) Building:

- 1) The KVK was established in the buildings transferred from Rural Institute, Hanumanamatti (RIH), Main Administrative Building (400 Sq. Mt.) was constructed with ICAR grants of Rs.24.628 lakhs during the year 1999.2000. The building was inaugurated by Dr. P.Das, D. D. G.(Extension) ICAR , New Delhi on 6th October 2000.
- 2) The Framers Hostel (305 Sqmt) Construction started during 15th March 2004. Now the Progress is upto RCC roof level
- 3) The soil testing laboratory is sanctioned. Now Purches of equipments and chemical is under progress.

SI No	Name of building	Stage						
		Complete				Incomplete		
		Start Date	Completion Date	Plinth area	Cost Rs.	Start Date	Plinth area	Cost
1.	Administrative building	1999-2000	2000-2001	400	24.63	-	-	-
2.	Farmers Hostel	Up to RCC Roof Level	-	305	20.54	15th March	-	-
3.	Staff Quarters(6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-

B) Vehicles, Equipments and AV aids

Type of Vehicle	Year of purchase	Purchase value (Lakhs)	Total Kms run so far	Present condition	Name of equipment	Year of purchase	Purchase Value (Rs.)	Present condition
Tempo trax (Judo)	Dec. 2002	4.50	49,000	Good	1.Computer with Accserious	2003	80,000.00	Good
					2) Fax machine	2004	25,000.00	Good

5. Description of Agro-climatic Zones and Farming situations of the district.

Haveri district is agriculturally potential district. It comes under Northern Transitional zone (ZONE-8), which receives on an average 750 mm of rainfall between June to October. The rainfall is received with two peaks, first being in July followed by the second peak in September. Haveri district is known for its chili and minor millets cultivations. Chili is exported to Kerala for extraction of oleoresin. Haveri has total geographical area of 4.85 lakh ha with cultivated area of 3.86 lakh ha out of which 72,000 ha is irrigated (13.5%). Haveri district consists of Seven taluks spread over 674 villages. The soils are red (65%) and black (35%). Land holding pattern of the district is 1 < ha (32,719), 1-2 ha (60,095), 2-4 ha (48,885), 2-10 ha (19,613) and > 10 ha (2,649).

6. Thrust areas identified through PRA or any other method. – NIL -

**7. Training Achievements
On Campus:**

Discipline	No. courses	Total No. Participants			No. SC/ST Out Of Total		
		Male	Female	Total	Male	Female	Total
A) Practicing Farmers							
Crop Production	02	22	00	22	03	01	04
Horticulture	03	47	38	85	09	02	11
Livestock Production and Management	04	12	78	90	02	24	26
Home Science	07	18	127	145	12	23	35
Plant Protection	07	96	73	169	31	08	39
Ag.Extension	02	28	08	36	04	02	06
Soil fertility &Management	01	19	00	19	19	00	19
TOTAL	26	242	324	566	80	60	140
(B) Rural Youths							
Horticulture	04	67	32	99	08	02	10
Livestock Production and Management	03	41	81	122	13	26	39
Home Science	05	21	108	129	05	45	50
Plant Protection	04	14	58	72	01	18	19
TOTAL	16	143	279	422	27	91	118
(C) Extension Functionaries							
Crop Production	01	30	00	30	00	00	00
Home Science	01	00	30	30	00	04	04
TOTAL	2	30	30	60	0	4	4
Grand Total (A+B+C)	44	415	633	1048	107	155	262

Off Campus:

Discipline	No.of courses	Total No.of Participants			No.of SC/ST out of Total		
		M	F	Total	M	F	Total
(A) Practicing Farmers							
Crops Production	12	335	68	403	64	46	110
Horticulture	02	52	13	65	07	06	13
Livestock Production and Management	06	22	145	167	19	19	38
Home Science	08	70	143	213	21	51	72
Agril. Engineering	02	70	00	70	03	02	05
Plant Protection	14	357	84	441	41	26	67
Ag. Extension	05	109	31	140	17	19	36
TOTAL	49	1015	484	1499	172	169	341
(B) Rural Youths							
Horticulture	01	20	18	38	05	11	16
Livestock Production and Management	05	73	76	149	10	10	20
Home Science	08	02	226	228	22	63	85
Plant Protection	03	30	65	95	02	03	05
TOTAL	17	125	385	510	39	87	126
(C) Extension Functionaries :							
Ag. Extension	02	30	00	30	00	00	00
TOTAL	02	30	00	30	00	00	00
Grand Total (A+B+C)	68	1170	869	2039	211	256	467

(C) Sponsored Training Programmes

Discipline	Sponsoring agency	Duration (days)	No.of courses	Total No. of Participants			No.of SC/ST out of total		
				M	F	Total	M	F	Total
Horticulture	KSDA	05	01	00	30	30	00	03	03
Livestock Production & Management	KSDA	05	01	00	30	30	00	01	01
	Swashkati Project Bellary	05	10	00	299	299	00	183	183
Ag. Extension	CBTCP	02	02	27	24	51	09	05	14
Total		17	14	27	383	410	9	192	201

Details of Trainings Programmes (On and Off Campus):

A. On-Campus: For Practicing Farmers/Farm Women

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Home Sciences									
Preparation of candles & Soap powder	02	03	15	18	2	5	00	05	12
EDP & Preparation of Soap Powder for Rural Youth	02	04	13	17	01	01	00	00	02
preparation of Agarbatti	02	01	26	27	01	26	00	00	27
Preparation of Agarbatti	02	10	01	11	10	00	00	00	10
Integrated child development & self help group maintainaces for Anganwadi Supervisors	03	00	30	30	00	01	00	03	04
Preparation of Candle	01	00	25	25	00	04	00	00	04
Preparation of Agarbatti	03	10	17	27	03	01	00	01	05
Preparation of Agarbatti	00	00	13	13	00	01	00	01	02
Preparation of Masala Powder	02	00	24	24	00	00	00	00	00
Preparation of Candle	02	01	32	33	00	13	00	00	13
Preparation of Candle	02	03	20	23	00	03	00	01	04
Preparation of Masala Powder	02	05	20	25	00	03	00	00	03
Preparation of Agarbatti	02	02	29	31	00	03	00	00	03
Total (13)		39	265	304	17	61	0	11	89

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Animal Science									
Scientific dairy management	02	02	12	14	00	00	00	00	00
Day to Day Management of Dairy Farm	03	09	05	14	02	00	00	00	02
Scientific Dairy farming	02	09	19	28	00	03	00	11	14
Scientific dairy management	02	00	29	29	00	05	00	06	11
Scientific dairy management	01	32	33	65	13	00	00	00	13
Scientific dairy management	02	00	29	29	00	06	00	06	12
Scientific dairy management	01	01	32	33	00	13	00	00	13
Total (7)		53	159	212	15	27	0	23	65

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Horticulture									
Mushroom cultivation	02	09	17	26	01	01	00	00	02
cultivation practices of Mushroom	02	12	14	26	00	00	02	00	02
Mushroom cultivation	02	26	07	33	04	00	02	01	07
Mushroom cultivation	02	26	07	33	04	00	02	01	07
Oyster Mushroom Production, Processing and utilization technologies	02	08	09	17	00	00	00	00	00
Mushroom cultivation	02	20	16	36	01	01	01	00	03
Mushroom cultivation	02	13	00	13	00	00	00	00	00
Total(7)		114	70	184	10	2	7	2	21

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Agril. Extension									
Entrepreneurship development in agriculture	03	12	08	20	00	00	03	02	05
Entrepreneurship development in agriculture	04	16	00	16	01	00	00	00	01
Total (2)		28	8	36	1	0	3	2	6

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Plant protection									
Vermicompost production and its uses	01	01	13	14	00	00	00	01	01
Vermicompost production and its uses	01	01	18	19	00	02	00	11	13
Bee keeping (Apiculture)	02	12	00	12	01	00	00	01	02
Vermicompost production and its uses	01	00	27	27	00	03	00	00	03
Peat Disease and nutrient management in crops	01	10	00	10	00	00	00	00	00
Vermicompost production and its uses	02	00	21	21	00	00	00	00	00
Vermicompost production and its uses	02	07	24	31	02	00	01	03	06
Vermicompost production and its uses	01	30	00	30	06	00	06	00	12
Vermicompost and its uses	01	20	13	33	05	00	00	05	10
Trichoderma Production and its uses	01	15	15	30	05	00	03	00	08
Use of Bio Pesticides	01	14	00	14	03	00	00	00	03
Total (11)		110	131	241	22	5	10	21	58

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Crop Production									
Integrated nutrient management in major Kharif crops	01	09	00	09	00	00	00	00	00
Cotton Production Technology	03	30	00	30	00	00	00	00	00
Production Technology for minor millets	02	13	00	13	03	01	00	00	04
Total (3)		52	00	52	03	01	00	00	04

B. Off-Campus: For Practicing Farmers/Farm Women

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Home Sciences									
Value Addition to Minor Millets	01	40	00	40	02	03	02	03	10
Preparation of Candels	01	20	05	25	05	05	05	05	20
Preparation of Agarbathi	01	02	23	25	02	01	01	01	05
Preparation of Agarbathi	01	00	30	30	06	04	03	02	15
Hand Embroidery	01	00	30	30	05	05	02	03	15
Preparation weaning food for childrens	01	00	28	28	02	03	01	01	07
Book keeping and Maintenance of SHG's Members	01	05	30	35	00	07	00	03	10
Value addition of Ragi	01	04	37	41	02	10	03	02	17
Preparation of Agarbathi	01	00	17	17	00	03	01	01	05
Preparation of Agarbathi	01	00	16	16	00	02	01	01	04
Preparation of Chalk pies	01	01	13	14	00	03	00	00	03
Value Addition to Little Millet	01	00	25	25	00	02	00	01	03
Preparation of Agarbathi	01	00	23	23	00	03	00	02	05
Preparation of Candle	01	00	22	22	00	05	00	03	08
Batic Printing	01	00	40	40	00	10	00	05	15
Preparation of Soap powder	01	00	30	30	00	10	00	05	15
Total (16)		72	369	441	24	76	19	38	157

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Horticulture									
Banana Cultivation practices and Production technology	01	30	10	40	03	02	00	00	05
Propagation of Techniques in Fruit crops	01	20	18	38	00	03	05	08	16
Cultivation practices of Vegetables	01	22	03	25	03	02	01	02	08
Total		72	31	103	6	7	6	10	29

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Animal Science									
Scientific dairy management	01	10	30	40	02	03	02	03	10
Scientific dairy management	01	05	20	25	01	01	01	01	04
Scientific dairy management	01	06	23	29	03	01	01	01	06
Scientific dairy management	01	00	30	30	02	01	01	01	05
Scientific dairy management	01	00	30	30	02	01	01	01	05
Management of Buffalo during Scarcity	01	10	20	30	01	02	01	01	05
Management of Dairy Animals during Scarcity Season	01	12	14	26	02	03	02	03	10
Scientific dairy management	01	00	25	25	03	02	03	02	10
Artificial Insemination and its application .	01	22	03	25	00	0	0	0	0
Dairy production and management.	01	00	26	26	0	01	01	01	03
Artificial Insemination and its application .	01	30	0	30	0	0	0	0	0
Total (11)		95	221	316	16	15	13	14	58

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Agril. Engineering									
Soil and water conservation and methods of under ground water recharge to increate water table.	01	30	0	30	02	01	01	01	05
Formation of water association and its activities.	01	40	0	40	0	0	0	0	0
Total (2)		70	0	70	2	1	1	1	5

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Agril. Extension									
Orientation Training of TTC members	01	32	10	42	03	04	0	0	07
Leader ship development training to TTC Members	01	17	02	19	03	02	01	01	07
Communication techniques to TTC members.	01	15	02	17	01	01	01	01	04
How to motivate rural people – training to TTC- members.	01	25	05	30	02	03	03	02	10
Meet and Match programme of TTC	01	20	12	32	0	0	03	05	08
Data collection techniques to volunteers of NGO's (SPS, IDS)	01	15	0	15	0	0	0	0	0
Interview techniques in field Survey	01	15	0	15	0	0	0	0	0
Total (7)		139	31	170	9	10	8	9	36

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Crop Production									
Production technology in Maize	01	30	05	35	03	03	02	02	10
Production technology in Groundnut	01	30	10	40	02	01	01	01	05
Production technology in Sunflower	01	30	00	30	01	01	02	03	07
Organic farming	01	30	05	35	02	01	01	02	06
Cultivation practices in Bengalgram.	01	30	0	30	02	03	03	02	10
Cultivation practices in Greengram	01	25	15	40	10	05	05	05	25
Improved Agronomic practices in paddy Cultivation	01	30	05	35	02	03	03	02	10
Cultivation practices of minor millets	01	25	10	35	02	02	02	01	07
Cultivation practices of Redgram.	01	30	05	35	01	03	02	03	09
Cultivation practices of Sorghum .	01	30	03	33	05	00	04	00	09
Cultivation practices & inter cropping systems in sorghum .	01	25	05	30	02	01	05	0	08
Cultivation practices and intercropping systems in Minor millets.	01	20	05	25	01	01	01	01	04
Total (12)		335	68	403	33	24	31	22	110

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Plant Protection									
Management and Control Measures paddy Blast disease	01	30	00	30	02	03	03	02	10
Pest and disease management in Maize	01	25	10	35	02	01	02	00	05
Management of diseases of Groundnut crop.	01	20	20	40	03	02	04	01	10
Management of Cotton pest and diseases	01	20	05	25	03	02	02	03	10
Management of diseases of Soybean crop	01	20	20	40	02	02	04	02	10
Vermicompost Production and its uses.	01	30	00	30	00	0	0	0	0
Vermicompost Production and its uses..	01	0	30	30	01	02	01	01	05
Vermicompost Production and its uses.	01	00	35	35	0	0	0	0	00
Role of Biopesticides in Organic farming	01	30	00	30	0	0	0	0	0
Management of coconut mite	01	25	10	35	0	0	0	0	0
Management of coconut mite	01	20	08	28	0	0	0	0	0
Management of coconut mite	01	38	00	38	0	0	0	0	0
Management of Coconut mite	01	30	00	30	00	0	0	0	0
Pest and Diseases management in cotton	01	30	00	30	02	01	00	0	03
Management of pest and diseases in Greengram	01	15	01	16	01	01	0	0	02
Vermicompost Production and its uses.	01	24	10	34	01	01	10	05	17
Integrated pest management in Cotton	01	30	00	30	0	0	0	0	0
Total (17)		387	149	536	17	15	26	14	72

Title of the Course	Duration in days	Number of Participants							
		M	F	Total	SC		ST		SC/ST Total
					M	F	M	F	
Soil Science									
Importance of Soil testing	01	19	00	19	15	00	04	00	19
Total (1)	01	19	00	19	15	00	04	00	19

8. Results of Frontline Demonstrations .

(A) Oilseeds

Season: Kharif –2003-04

Crop	Area (ha)		No. of farmers/demos.
	Sanctioned	Implemented	
Groundnut	10	10	25
Sunflower	05	05	13
Caster	05	05	13
Soybean	05	05	08
Total	25	25	59

Season: Rabi/Summer –2003-04

Crop	Area (ha)		No. of farmers/demos.
	Sanctioned	Implemented	
Groundnut	05	05	12
Sunflower	05	05	12
Safflower	05	05	13
Total	15	15	37

(B) Pulses

Season: Kharif-2003-04

Crop	Area (ha)		No. of farmers/ demos.
	Sanctioned	Implemented	
Redgram	10	10	25
Greengram	10	10	25
Blackgram	10	10	25
Total	30	30	75

Season: Rabi/Summer -2003-04

Crop	Area (ha)		No. of farmers/demos.
	Sanctioned	Implemented	
Bengalgram	10	10	18
Greengram	05	05	13
Total	15	15	31

C. Performance of FLD on oilseeds –Kharif 2003-04

Crop	Variety	No. of farmers	Area (ha)	Yield (q/ha)				Increase in yield (%)	Cost of additional cash Rs./ha	
				Demonstration			Local check		Demo.	Local check
				Highest	Lowest	Average				
Ground nut	GPBD-4	25	10	9.00	7.00	8.25	7.50	10.00	6200	9500
Soybean	JS-335	13	05	7.00	3.50	5.25	3.75	40.00	2550	2600
Caster	48-1	08	05	4.00	3.00	3.50	3.00	16.00	1275	1500
Sun flower	KBSH-1	13	05	6.00	4.00	5.00	4.50	11.00	1750	2100
Total		59	25							

D. Performance of FLD on oilseeds Rabi /Summer 2003-04

Crop	Variety	No. of farmers	Area (ha)	Yield (q/ha)				Increase in yield (%)	Cost of additional cash Rs./ha	
				Demonstration			Local check		Demo.	Local check
				Highest	Lowest	Average				
Ground nut	GPBD-4	06	2.50	21.00	17.00	19.15	13.75	39.00	7285	7000
	DH-86	06	2.50	19.50	16.50	17.60	13.75	28.00	7310	7000
Sunflower	KBSH-1	12	05	12.25	7.50	9.60	8.00	20.00	3050	3700
Safflower	A-1	13	05	8.25	7.50	7.80	6.50	20.00	1800	2300
Total		37	15							

E. Performance of FLD on pulses - Kharif 2003-04

Crop	Variety	No. of farmers	Area (ha)	Yield (q/ha)				Increase in yield (%)	Cost of additional cash Rs./ha	
				Demonstration			Local check		Demo.	Local check
				Highest	Lowest	Average				
Redgram	Maruti	10	4.00	5.25	2.50	3.88	3.50	10.00	2900	5248
	Asha	15	6.00	5.25	3.00	4.20	3.50	20.00	2500	6320
Green gram	PB	15	6.00	3.00	2.00	2.50	2.00	25.00	1250	2687
	S-4	10	4.00	3.00	1.50	2.25	2.00	12.50	1150	3225
Black gram	TAU-1	25	10.00	3.25	2.00	2.60	2.00	30.00	1050	1150
Total		75	30							

Performance of FLD on pulses –Rabi /Summer 2003-04

Crop	Variety	No. of farmers	Area (ha)	Yield (q/ha)				Increase in yield (%)	Cost of additional cash Rs./ha	
				Demonstration			Local check		Demo.	Local check
				Highest	Lowest	Average				
Bengal gram	ICCV-2	18	10	10.00	7.50	8.62	7.00	18.79	2700	3200
Greengram	S-4	13	05	6.50	4.25	5.37	4.25	26.72	1950	2100
Total		31	15							

(C) Analytical Review of Component demonstrations (details of each component for rainfed/ irrigated situations to be given separately for each season).

Season: Kharif Farming situation: Rainfed

I. Oil Seeds Crop: Groundnut

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety 2.. Fertilizer management 3. Plant Protection	1. Improved variety GPBD-4 1.RDF 2.Gypsum application 1. seed treatment with Trichoderma	8.25	7.50	10.00

Crop: Sunflower

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety 2.. Fertilizer management	1. Improved variety KBSH-1 1. RDF 2. wider spacing 90 x 60cm	5.00	4.50	11.00

Crop: Castor

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety 2. Fertilizer management 3. Plant Protection	1. Improved variety 48-1 1.RDF 1. Semilooper Management Chloropyriphos @ 2 ml/ lt.	3.50	3.00	16.00

Crop: Soybean

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety 2. Fertilizer management 3. Plant Protection	1. Improved variety JS-335 1.RDF 2. Urea Spray (2%) at 50% Flowering. 1. Rust management Contaf @ 1ml/lt.	5.25	3.75	40.00

II.Pulses Crop:Redgram

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety	1. Improved variety Maruti	3.88	3.50	10.00
2.. Fertilizer management	2. Improved variety Asha 1.Seed treatment with trichoderma @ 4 gm/kg seed. 2.IPM practices	4.20	3.50	20.00

Crop: Greengram

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety	1. Improved variety PB	2.50	2.00	25.00
2. Fertilizer management	2. S-4 1. Powdery mildew management Bavistin @ 1gm/lt.	2.25	2.00	12.00

Crop: Blackgram

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety	1. Improved variety TAU-1	2.60	2.00	30.00
2.. Fertilizer management	1.INM			
3. Plant Protection	1. Powdery mildew management Bavistin @ 1gm/lt.			

Season: Rabi/Summer Farming situation: Irrigated.

I. Oilseeds Crop: Groundnut

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
1. Seed/ variety	1. Improved variety GPBD-4	19.15	13.75	39.00
2.. Fertilizer management	2. Improved variety DH-86	17.60	13.75	28.00
3. Plant Protection	1.RDF 2.Gypsumapplication 1. seed treatment with Trichoderma			

Crop: Sunflower

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
1. Seed/ variety	1. Improved variety KBSH-1	9.60	8.00	20.00
2.. Fertilizer management	1.RDF			
3. Plant Protection	1. seed treatment with imidclopid @ 5 gm/kg seed for Necrosis Management 2. Boran spray @ 0.2% at flowering			

Crop: Safflower

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
1. Seed/ variety	1. Improved variety A-1	7.80	6.50	20.00
2.. Fertilizer management	1.RDF			
3. Plant Protection	1. Aphids Management Metasystax @ 1.5 ml/lt. water			

II. Pulses Crop: Bengalgram

Component	Technical	Average	Local check	Increase in
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	Intervention	yield (q/ha)	(q/ha)	productivity over local check (%)
1. Seed/ variety 2. Fertilizer Management 3. Plant Protection	1. Improved variety Bheema 1. RDF. 1. Trichoderma seed treatment 2. Nipping at 30-40 DAS	8.62	7.00	18.79

Crop: Greengram

Component	Technical Intervention	Average yield (q/ha)	Local check (q/ha)	Increase in productivity over local check (%)
1. Seed/ variety 2. Fertilizer Management 3. Plant Protection	1. Improved variety S-4 1. RDF. 1. Trichoderma seed treatment 2. Powdery mildew management Bavistin @ 1gm/lit.	5.37	4.25	26.72

F) Technical Feed back on the demonstration technologies

1. Wholly aphid in sugarcane.
2. Necrosis problem in sunflower
3. Blight Disease in cry santhimum.
4. Bacterial wilt in Brinjal.
3. Leaf curl in Tomato
4. Peanut bud Necrosis in Groundnut.
5. Purple blotch in Onion

G) Farmers' reactions on specific technologies

1. DH-86, TAG-24 and GPBD-4 varieties of Groundnut .
2. Plant population in groundnut.
3. Application of Organic farming and Vermicompost for pulse crops.
4. Inter cropping systems in Minor millets (4:2) with other pulse crops.
5. Seed Treatment with trichoderma in pulses and oil seeds.
6. Feeding of milk and Colostrum for newly born calves.
7. Preparation concentrate feed with locally available nutrients.
8. Nipping in Bengalgram.
9. Wider spacing in sunflower(90 x 60).
10. Urea spray(2%) at 50 % flowering in soybean

(H) Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organised	Number of participants
1	Field days	03	270
2	Farmers Training	05	130
3	Media coverage	04	-

(I) Results of FLDs (other than oilseed and pulses crops) During Kharif 2003-2004

Sl. No	Crop	Area (ha)		No. of farmers/demo.
		Sanctioned	Implemented	
1.	Little Millet(Sukshema)	08	08	20
2.	Foxtail Millet (HMT-100-1)	06	06	15
3.	Finger Millet (GPU-28)	08	08	20
4.	Sorghum (CSH-17) + Soybean (JS-335) Inter cropping system (2 : 1)	02	02	05
5.	Sorghum (CSH-17) + Redgram (Maruti) Inter cropping system (2 : 1)	03	03	07
6.	Sorghum (CSH-17) Sole crop	01	01	02
7.	Sorghum (CSH-18) Sole crop	01	01	02
8.	Sorghum (CSV-15) Sole crop	01	01	02
9.	Sorghum (CSV-16) Sole crop	01	01	02
10.	Sorghum (DSV-2) Sole crop	01	01	02
Total		32	32	77

NB: Attach few good action photographs

(J) Performance of FLDs other than oilseed and pulse crops

Crop	Variety	No. of farmers	Area (ha)	Yield (q/ha)			Local check	Increase in yield (%)	Additional Cost of cash (Rs./ha)	
				Demonstration					Demo.	Local check
				Highest	Lowest	Average				
1.	Little Millet (Sukshema)	20	08	15.00	2.00	8.50	5.00	70	1690	1500
2.	Foxtail Millet (HMT-100-1)	15	06	14.00	2.00	8.00	5.50	45	1300	1250
3.	Finger Millet (GPU-28)	20	08	22.50	3.75	13.00	8.50	52	1260	1050
4.	Sorghum (CSH-17) Inter cropping system	02	01	8.00	6.00	7.00	6.00	16	1200	1600
5.	Sorghum (CSH-18) Inter cropping system (2:1)	02	01	7.50	7.50	7.50	6.50	15	1200	1600
6.	Sorghum (CSV-15) Sole crop	02	01	7.00	7.00	7.00	5.75	21	1200	1600
7.	Sorghum (CSH-16) Sole crop	02	01	7.25	7.25	7.25	6.00	20	1200	1600
8.	Sorghum (DSV-2) Sole crop	02	01	7.00	7.00	7.00	6.00	16	1200	1600
9.	Sorghum + Soybean (2:1) (CSH-17 + JS-335) Sole crop	02	02	9.50	3.25	6.35	5.35	18	1200	1600
				8.00	4.00	6.00	4.00	28	2500	3400
10.	Sorghum + Redgram (CSH-17 + Maruti) Sole crop	03	03	8.50	6.50	7.50	6.25	20	1200	1600
				5.50	2.00	4.25	3.50	21	2200	2300

9 . Results of On Farm Testing : N I I

10. Literature developed/published : Enclosed

Item	Title	Number
Popular articles		18

11. Success stories/ Case studies, if any (two or three pages Write-up with on each case With suitable action photographs)

Shri Shankarappa Malakappa Malagi, Ranebennur (Mushroom Production)

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.

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.

Without affecting his regular welding business, 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.

12. Constraints

(a) Administrative

(b) Financial

1. Sanction of Revolving funds for Rs.5 Lakhs for seed production and other activities, .

2. Financial Assistance is required for equipments Minimum facilities, like s, Salient Generator, Digital Handicam, DVD LCD and Seminar chairs.

(c) Technical

1. Establishment of Demonstration units is essential for the benefit of visiting farmers, 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 superiority of the technology. So the essential units are green house & vermicomposting units.

13. Functional Linkage with Different departments and organization:

Functional linkage with different organizations maintained for mutual co-operation and to facilitate various programmes of Krishi Vigyan Kendra.

Department	Nature of Linkage
1. State Dept. of Agriculture	Conducting training programmes, Demonstration, seminars and field days.
2. State Dept. of Horticulture	Involving in securing seedlings of various species of horticultural plants. Conducting training programmes , demonstrations and field days.
3. Rural Development Institutes (Zilla & Taluk Panchayats)	Conducting training programmes in respect of renewable energy and watershed programmes.
4.State Dept. of Animal husbandry & Veterinary Services	In conducting Animal health camps and off campus training programmes.
5. Karnataka Milk Federation	In conducting Animal health camps and off campus training programmes.
6. Women and Child Development Department	Conducting training for farm women.
7. Karnataka oil seeds Federation	Conducting trainings and demonstrations
8. NABARD, Vijaya Bank, State Bank of India, M.G. Bank,Syndicate Bank.	Established Vikash Vahini Club at Kakol Dandigihalli Kudapali and Kalkoti . Each club has 30 to 40 members and they are being trained at KVK and constantly involved in guidance of different technologies.
9. IDS, SPS and NEEDS.	Conducting Training Programmes and Demon.
10. Mitra Kisan and Gopal of NWDPR	Conducting training Programmes and Demon
11. Bharat Agro Industries Foundation	Conducting training programmes
12. GRASIM Janakalyan Trust	Conducting village level trainings.
13. Sheep and Wool Development Board	Conducting trainings on sheep production and management
14. Raita Samparka Kendra	19 RSK established in Haveri district are being utilized for FLD ,training programmes,OFT and Extension Activities
15.State Dept. of Watershed	Conducting training programmes, IFS Demonstration, Seminars and Field days.
16.JSYS	Conducting training programmes, Demonstration, Seminars and Field days.

14. Performance of demonstration units (other than instructional farm):NIL

15.Achievements of KVK instructional farm : Nil

16. Utilisation of hostel facilities

Accommodation available (No. of beds): 75

Months	No. of trainees stayed	Trainee days (days stayed)
April 2003	00	00
May 2003	00	00
June 2003	64	02
July 2003	75	03
August 2003	24	02
September 2003	00	00
October 2003	58	02
November 2003	106	02
December 2003	16	04
January 2004	64	02
February 2004	23	02
March 2004	04	00
(for whole of the year)	434	19

17. Indicate any innovative technology or any innovative methodology of Transfer of Technology developed during the year.

- a) Face to face interaction of the trainees with the Successful entrepreneurs during the training programme .
- b) Introduction of Experimental learning module in training programme.
- c) Conducting visits to successful entrepreneur's units
- d) Arranging Lectures by the Bank, Insurance, Marketing and other developmental department officers during training programme.
- e) Arranging for out sourcing of the products.
- f) Equipments required for establishing homescale industries were purchased and given to the needy clients.
- h) Small group discussions and role play during training.

18 Indicate any indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Indigenous Technologies identified:

1. Drenching cattle with baking soda for ruminal acidosis i.e., animals accidentally fed with grains.
2. To avoid ants and termites infestation to vermicompost unit farmers usually mix camphor with water and drench the surroundings of vermicompost pit.
3. Growing of maize as border crop to prevent incidence of virus infestation in Sunflower.
4. Drenching of copper sulphate in sheep to control worms.
5. Spraying of cow urine to control sucking pests.
6. Odor of coriander and soap to avoid the menace of wild pigs.
7. Growing of coriander as mix crop in chili and groundnut to repel trips

8. To control store grain pests 2 kgs salt dissolved in 2 lt. of water and the solution is pasted to one bag of green gram. Then dried in shade.
9. To control the menace of fruit borer in Cotton Okra is grown as boarder crop.
10. Growing of Castor & Merigold in chili to control Semilooper.
11. To control Damping off' disease in chili seed bed farmers spray with 'ingu' as it is said to be having fungal property.
12. Red Chili extract for the management of American Bollworms in chili , cotton and Tomato
13. Use of Panchagavya as growth promoter and pesticides in different crop eco system.
14. Use of Garlic extract and Coconut water in the management of Coconut mite.
15. Biodynamics farming as bio fertilizer in Horticulture crops.

19. Indicate the specific training need tools/ methodology followed for

- **Identification of courses for farmers/ farm women**
- **Rural Youth**
- **Inservice personnel**

For Farmers/ Farm women Rural Youth

- a) Participatory Rural appraisal method .
- b) Field visits
- c) Linkage with developmental departments and NGO's.
- d) Survey method.

For Service personels:

- a) Bimonthly workshops
- b) NARP workshops
- c) Extension workshops workshops

20. Indicate the seed/ seedling produced / procured and sold to the farmers

A) Oil seed crops(2003-2004) .

S.No.	Crop	Variety	Quantity (qt./Nos.)	Amount Realized (Rs.)
1.	Groundnut	VRI-2	27.70	77560
2.	Groundnut	GPBD-4	45.30	7700
3.	Groundnut	TAG-24	2.75	1,26840
4.	Groundnut	DH-86	6.35	17,780
Total			82.10	2,29,880

B) Minor Millets:

S.No.	Crop	Variety	Quantity (qt./Nos.)	Amount Realized (Rs.)
1.	Little millet	Sukshema	32.30	48450
2.	Foxtailmillet	HMT-100-1	5.00	7500
3.	Fingarmillet	GPU-28	2.70	4050
Total			40.00	60000

C) Cereals:

S.No.	Crop	Variety	Quantity (qt./Nos.)	Amount Realized
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				(Rs.)
1	Cowpea	C-152	1.50	4500
2	Cowpea	DCS-5	0.75	2250
3.	Sorghum	Puliyashodha	4.00	6000
4.	Sorghum	9-13-R	2.50	750
5.	Sorghum	M-35-1	4.00	6000
6.	Sunhemp	Local	1.20	1800
Total			13.95	21300

b) Fruits/ Vegetable/ Plantation crops etc.

S.No	Crop	Variety	Quantity (qt./Nos.)	Amount Realized (Rs.)
1.	Sapota	DSH- 1	300	15000
2.	Sapota	DSH-2	200	10000
3.	Curry leaf	Suhasini	1000	5000
4.	Guava	Lucknow- 49	50	1250
Total			1550	31250

NB: In case of vegetables, if seed is produced, it may be given in quintals.

**20. Scientific Advisory Committee meeting (s) Number: 01
Please indicate the date (s) of meetings (s) dtd. 19.08.2004**

S. No.	Salient Recommendations	Action taken
1.	Quarterly Release of News letter containing Work progress and future plans	First issue released on 17.08.04
2.	Conducting Filed days on " Aromatic plants and essential oils" in Dr. S.S. Matad, Hosaratti Village	To be Conducted during last week of October.
3.	Conducting Integrated farming system field days in Shri M.S. Arali field at Hiremaganur village	To be implemented.
4.	During ON And OFF Campus Training Programme detail information about scheduled caste and scheduled tribes beneficiaries should separately mentioned.	It is being Implemented
5.	Draft Copy of Impact of minor millets to be sent to Director of Extension .	Will be Submitted during Annual Review meeting.
6.	Proposal For Conducting FLD On Cowpea During Rabi Season to be sent to Zonal Co-ordinator, Bangalore	Proposal will be Submitted during Oct.-04.
7.	Each and every report should contain the amount of Rainfall during the particular Cropping period.	To be implemented .
8.	More stress Should be given on extension activities like Drought management, Ground water recharge, Water harvesting, Organic Framing, Use of Bio fertilizers, Plant origin pesticides,vermicompost and Agro forestry systems.	Conducted Kissan mela at Kakol on Groundwater recharge.

9.	Under revolving fund , Seed production of minor oil seeds like Sesamum, Niger and linseed in farmers	To be taken in future.
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	fields and supplying the seeds based on the farmers requirement.	
10.	While reporting the results of FLD's along with the crop and variety other technology also should be mentioned clearly.	Other technology is also mentioned.
11.	Celebrating the world environments, day and world tobacco day.	Implemented.
12.	More emphasises on , Front Line Demonstration on soybean crop.	10 ha.FLD on soybean implemented.
13.	Giving the complete technical information on spreading type of Groundnut (Murdor local) wear taking the large scale seed production of Groundnut variety (GPBD-4).	To be Implemented
14.	Conducting the Front Line Demonstration on Horticulture, Animal Science and farm machinaries.	To be Implemented
15.	Conducting more number of field day effectively number.	At least one Field day for each FLD crop will be conducted.
16.	Proposal to be sent to zonal coordinator, transfer of Technology, Bangalore, for purchasing the minibus to carry the farmers to visiting the experimental plots and field days.	Proposal to be submitted .
17.	Propagating the activities of KVK, hematite through mass media.	Implemented
18.	More stress to increase the production of horticultural seedlings.	Maximum use of available resources are utilized to produced for seedling .
19.	Conducting more training Programmes at KVK in Collaboration with women and child development dept. and Veterinary dept.	Implemented
20.	Creating awareness through training Programmes on ground water recharge of bore wells.	Implemented
21.	Wide publicity should given to they farmers success stories particularly who have involved in resource conservation and income generating activities.	Implemented
22.	Proposal to include Sesamum and Niger under FLD to be sent to zonal coordinator, Bangalore.	Implemented
23.	Training demonstrations should be taken up in one/two villages of each taluk compulsory.	Implemented
24.	Proposal to be sent to the Zonal Coordinator Bangalore for purchasing 2 Tailoring and 2 Embroidery machines.	Implemented

21. Impact of training Programmes (Not to be restricted for reporting period).

Separate Table Enclosed

22. Field activities

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

23. Extension Activities

Sl. No.	Activities	No. of prg.	Date(s)	No.of beneficiaries (farmers/Rural Youths)			No.of Extension functionaries		
				M	F	Total	M	F	Total
1	Kissan melas	01	17/08/04	250	50	300	02	00	02
2	Field days	03	20/09/03	180	20	200	05	00	05
			17/08/04	250	50	300	02	00	02
			05/09/04	75	10	85	02	00	02
4	Radio and TV talks	14	-	00	00	00	00	00	00
5	Film show	15	-	70	230	300	00	00	00
6	Exhibition	02	10-12, Feb-04	1500	1000	2500	00	00	00
			27-29 Feb-04	2000	800	2800	00	03	03
7	News coverage	40	-	00	00	00	00	00	00
8	Popular article	17	-	00	00	00	00	00	0
9	Advisory services	30	-	60	10	70	00	00	00
10	Method Demon	13	-	275	200	475	10	03	13
11	Tech. Seminar	06	-	00	00	00	30	10	40
12	Workshops	07	-	00	000	00	00	00	00
13	Field Visits	90	-	200	70	270	20	05	25
14	Farmers Seminars	07	-	612	142	754	05	00	05

15	Animal Health Camps.	10	683 Cows	210 Bufflowes	600 Calves	111 Other Animals	1604 Animal
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a. Farmers Seminars

Sl. No.	Place	Date	Topic discussed	No. of participants			Organised by
				M	F	Total	
1.	Hirekerur	05/03/03	Organic Farming and water conservation	90	60	150	K.S.D.A
2.	Devihosur	28/11/03	Integrated Hybrid maize Development	25	20	45	K.S.D.A
3.	Gudgur	25/03/04	Coconut mite management	100		100	KSDH/UAS ,
4.	Asundi	06/04/04	Coconut mite management	102	20	140	KSDH/UAS ,
5.	Bamanahalli	07/10/03	Milk Producer co-op society formation and maintains	05	25	30	KVK.H.Matti
6.	Shivapura	12/01/04	Management of animal disease and their control measures	40	02	42	Dept. Forest
7.	Hirekerur	14/09/04	Seminar on cotton and maize production Tech.	250	15	265	KVK/IFFCO

b. Radio talks

Sl. No	Name of the Scientist	Topic	Date of Broadcast and station
1.	Dr. S.V. Halakatti	Importance of organic farming	02/02/04 Dharwad
2.	D.S.M. Gowda	Activities of KVK	01/02/04 Dharwad
3.	Dr. C.M. Sajjanar	Cultivation of Improved fodder crops and preservation	23/03/04 Dharwad
4.	Mr. A.S. Banakar	Fuel Saving devices in rural areas	23/03/04 Dharwad
5.	Dr. S.V. Halakatti	Improved Compost Preparation	19/03/04 Dharwad
6.	Mr. K.B. Yadahalli	Disease Management in sugar cane	06/05/04 Dharwad
7.	Mr. B.Arunkumar	Tissue culture in plantation Crops	04/05/04 Dharwad
8.	Jayaprakash T.C	Cropping pattern in Haveri district	21/05/04 Dharwad
9.	Dr. S.S.Karabhantanal	Insect pests of cereal crops and their control	14/06/04 Dharwad
10.	D.S.M. Gowda	Importance of field demonstrations	18/05/04 Dharwad
11.	Mr. K.B.Yadahalli	Disease Management in Vanilla	31/06/04 Dharwad
12.	Mr. S.M. Hiremath	Banana Cultivation	11/06/04 Dharwad
13.	Dr. S.V. Halakatti	Organic farming	25/07/04 Dharwad
14.	Dr.S.S. Karabhantanal	IPM in Pomegranate	31/8/04 Dharwad

c) Popular articles

Sl. No	Title	Date of Publication	Name of the paper/magazine	Name of the Scientist
1	Januvaragalalli Baradutana mattu Adar Nivarane	October, 2003	Krishik Bandu	Dr. C.M. Sajjanar
2	Savayava Krishi Beke Bedave	2,3,4, Dec., 2003	11 th , All Karnataka Child Sciences Conference, Haveri	Dr. S.V. Halakatti
3	Savayava Krishiya Pramukyatege Baarat Siddavideye	April, 2004	Siri Samrudhi	Dr. S.V. Halakatti
4	Januvargala Baradutanamattuadar Nivaraine	February,2004	Bhidar Sahakar	Dr. C.M. Sajjanar
5	Yettuagalalhi Arogya Bhagya	April, 2004	Siri Samrudhi	Dr. C.M. Sajjanar
6	Bhattadalli Barura Rogagalu mattu Hatoti Kramagalu	25-March-2004	Samyukta Karnatka	B.G. Mahesh
7	Kabbin Gaddege Rogad Ribban	8-January-2004	Vijay Karnataka	K.B. Yadahalli Dr. S.S. Karabantanol
8	Kabbinalli laghu Poshakansagale mahatra	20-January-2004	Namma Bhumi	T.C. Jayaprakash K.B. Yadahalli
9	Akalika Dinakke Sakalike Mevu	June, 2004	Krishik Bandu	Dr. C.M. Sajjanar C. Arunkumar T.C. Jayaprakash
10	Jivasatva Puraisi Andhatva Nivasiri	6-August-2004	Vijay Karnataka	Smt. Vijayalaxmi Kamaraddi
11	Kabbin Yiluvvari Hechchisalu mattu Rosagala Hatotige Ovgi Usnansha Upachare	Feb-2004	Nanna Bhumi	B. Arunkumar T.C. Jayaprakash S.S.Karabantanol
12	Ashadayaka Bhattad Iluvarige Hybrid Balake	Feb-2004	Nanna Bhumi	B. Arunkumar T.C. Jayaprakash S.S.Karabantanol
13	Antarjalada Haikar-Channabasappa Kombli	Feb-2004	Krishi Bandu	D.S. Mallikarjunppa Gowad T.C. Jayaprakash A.S. Banakar
14	Tomato Beejitpadane Tantrikategalu	Feb-2004	Krishi Bandu	B. Arunkumar Rajkumar Jolli T.C. Jayaprakash
15	Chendu Huv Beejotpadane	Jan-2004	Nanna Bhumi	B. Arunkumar S.S.Karabhantanol
16	Bittane Kabbin Aayke mattu Utpedane	April -2004	Siri Samrudhi	B. Arunkumar
17	Nutritive values of Small Millets	April-2004	Extension Leaflets AR S , Hanumanamatti. UAS, Dharwad	Smt.Vijayalaxmi Kamaraddi Dr. G. ShanthaKumar

d. Field days

Sl. No	Date	Place	Crop	Total No. of participants					Name of the Unit/Scheme KVK
				M	F	SC	ST	TOTAL	
1	20/09/03	Madli	Save	180	20	10	15	200	KVK, H.Matti
2	17/08/04	Hanuma namatti	Save	250	50	10	10	300	Millets sachem & KVK, H.Matti
3	05/09/04	Madli	Greengram	75	10	10	05	85	KVK, H.Matti

e. Exhibitions

Sl. No	Date	Place	Total No. of participants					Name of the Unit/Scheme KVK
			Male	Female	SC	ST	TOTAL	
1	10/04/04 to 12/02/04	Kumarpatam (Harihar)	1500	1000	20	25	2500	KVK, H.Matti & Kirloskar
2	27/02/04 to 29/02/04	Haveri	2000	800	10	10	2800	KVK, H.Matti

f. Krishimela : Nil

g. Method Demonstrations

Sl. No	Type of demonstration	Place	Date/ Month	No.of participants
1.	Dairy Production, Clean milking and Milk quality testing	Dasaratkoppa	14/07/2004	24
2.	Vermicompost Production	Hanumanamatti	18/7/2004	20
3	Trichoderma Seed treatment	Hanumanamatti	28/07/2004	20
4	Vermicompost preparation	Billalli	02/08/2004	88
5	Propagation Techniques in fruit Crops	Billalli	02/08/2004	88
6	Feeding of New born Calves	H.Matti	Dec -04	30
7	De-worming dosing in sheep and cows	H.Matti	Dec-04	35
8	Preparation of cows for milking and milking methods	H.Matti	Dec- 04	30
9	Enrichment of fodder and Poor roughases	H.Matti	Dec - 04	35
10	Preparation of Low cost Concentrate feed with locally available materials	Haveri	17-18 Dec-04	30
11	Maintances of liquid Nitrogen Can	Haveri	Aug. -04	25
12	Silage Making	Guttal	Aug.-04	25
13	Artificial Insemination Techniques	Haveri	Aug. -04	25
			Total	475

h. Research Articles : Nil**i. Folders/ Leaflets: NIL****j. NAEP – Bimonthly Technical Seminar**

Sl. No	Place and Date	Topic	No.of Scientist attended	No.of Participants	Organiser
1	Devihosur 09/10/03	Selection of Suitable Sugarcane Varieties and Increasing Production	05	50	KSDA Haveri
2	Devihosur 11/12/03	Information about Agril Marketing	04	60	KSDA Haveri
3	Devihosur 12/02/04	Organic farming Fall ploughing and preparation of land	04	55	KSDA Haveri
4	Devihosur 20/04/04	Quality of seeds for Kharif Sowing	03	50	KSDA Haveri
5	Devihosur 17/06/04	Production technology of baby corn sweet corn and Protenaceous maize	05	50	KSDA Haveri
6	Devihosur 01/08/04	Integrated pest and disease are management	04	50	KSDA Haveri

k. Workshops Attended

Sl. No	Place and Date	Topic	No.of Scientist attended	Organiser
1.	University of Agricultural Sciences, Dharwad. 6-7th April 2004	NARP Kharif workshop	01	UAS , Dharwad
2.	ARS Hebballi, UAS , Dwd 7-06-2004	Action plan meeting on cotton	01	ZC, Bangalore
3.	TNAU, Coimbatore 13-16 th April 2004	Action plane meeting of KVKs	01	ZC, Bangalore
4.	UAS,Dwd 6-8th May 2004	Drought management meeting	01	UAS, Dwd
5.	UAS,Dwd 26-27 th May 2004	Extension workers workshop	01	UAS, Dwd
6.	BIET, Davangere 3-4th July	Groundwater Recharge workshop	01	BIET, Davangere
7.	UAS,Dwd 8-5-2004	IFS Demonstration Orientation training cum workshop	14	Dept. Watershed

I. Any other items : Animal Health Camps

Sl. No	Date	Place	Particulars				Total
			Cows	Buffaloes	Calves	Others	
1.	19/11/2003	Motebennur	300	70	430	0	800
2.	20/1/2003	Guttal Tanda	20	10	60	10	100
3.	05/03/2004	Kaliwal	108	65	0	70	243
4.	15/03/2004	Joisarahalli	40	0	0	08	48
5.	20/03/2004	Hala	30	10	0	10	50
6.	29/03/2004	Devagiri	70	0	0	13	83
7.	24/03/2004	Hatageri	25	10	20	0	55
8.	14/07/2004	Dasarat Koppa	20	30	10	0	60
9.	02/08/2004	Alada Katti	30	05	10	0	45
10	13/08/2004	Devagiri	40	10	70	0	120
Total			683	210	600	111	1604

24. Details of KVK Bank accounts

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

25. (a) Utilisation of KVK funds during the year 2003-04 (upto Aug.2004) (year-wise separately)

Head of Expenditure	Particulars	Sanctioned	Released	Expenditure
Recurring	i) PA	21.00	21.00	18.52
	ii)TA	01.00	01.00	00.78
	iii)Contin	03.00	03.00	01.72
Non Recurring	i)Work	08.00	08.00	08.00
	ii)Fax Machine	00.25	00.25	00.25
Grand Total		33.25	33.25	29.27

26.

A . Oilseeds : Utilisation of funds under FLD (in Rs.)

Item	Sanctioned by ZC		Released by ZC		Expenditure		Unspent balance as on 1st April 2004
	Kharif 2003	Rabi 2003-04	Kharif 2003	Rabi 2003-04	Kharif 2003	Rabi 2003-04	
Inputs	52500	29750	52500	29750	38244	18420	25586
Extension activities	15000	8500	15000	8500	7380	4195	11925
TA/DA/POL etc.	3750	5400	3750	5400	960	3949	4241
TOTAL	71250	43650	71250	43650	45584	26564	41752

B. Pulses : Utilisation of funds under FLD (in Rs.)

Item	Sanctioned by ZC		Released by ZC		Expenditure		Unspent balance as on 1st April 2003-04
	Kharif 2003	Rabi 2003-04	Kharif 2003	Rabi 2003-04	Kharif 2003	Rabi 2003-04	
Inputs	14000	24500	14000	24500	12220	19570	6710
Extension activities	3500	6075	3500	6075	1340	764	7471
TA/DA/POL etc.	4500	2625	4500	2625	6120	0	1005
TOTAL	22000	33200	22000	33200	19680	20334	15186

27. **Status of revolving fund (Rs. in lakhs) for the three years****A. Horticulture Nursery.**

Year	Opening balance as on 1st April	Expected income		Net balance in hand as on 1st April of each year
		Fixed deposit	Farm income	
April 2001 to March 2002	35,953-00	00	00	44,271-00
April 2002 to March 2003	44,271-00	00	00	44,125-23
April 2003 to March 2004	44,271	00	00	39155-00

B. Seed Production.

Year	Opening balance as on 1st April	Expected income		Net balance in hand as on 1st April of each year
		Fixed deposit	Farm income	
April 2001 to March 2002	50,152.00	00	00	47,718.00
April 2002 to March 2003	52,495.46	00	00	68,351.01
April 2003 to March 2004	47718.00	00	00	71352.00

C. Trichoderma.

Year	Opening balance as on 1st April	Expected income		Net balance in hand as on 1st April of each year
		Fixed deposit	Farm income	
April 2001 to March 2002	30,261.00	00	00	32,657.00
April 2002 to March 2003	32657.00	00	00	32,657.00
April 2003 to March 2004	32657.00	00	00	33305.00

D. Vermicompost.

Year	Opening balance as on 1st April	Expected income		Net balance in hand as on 1st April of each year
		Fixed deposit	Farm income	
April 2001 to March 2002	10,000.00	00	00	12,149.00
April 2002 to March 2003	12,149.00	00	00	12,14.32
April 2003 to March 2004	12,149.32	00	00	13,275.00

D. Training

Year	Opening balance as on 1st April	Expected income		Net balance in hand as on 1st April of each year
		Fixed deposit	Farm income	
April 2003 to March 2004	00	00	00	1,40,000.00

REVOLVING FUNDS

Sl No	Activity	Scientist	Date of start	Seed money(Rs)
1	Seed Production	D.S.M.Gowda	10-7-2000	75,000
2	Trichoderma	Trg Assoc.(PP)	26-6-1998	20,000
3	Vermicompost	Trg Assoc.(PP)	5-7-2001	10,000
4	Horticulture Nursery	S.M.Hiremath	25-6-1998	10,000
5	Training	D.S.M. Gowda	Nov.2003	00

28. News Letter Details :

i) Report on News Letter of the KVK

Date of First issue	Periodicity (Qtrly./half yearly/ monthly Pl. Specify)	No.of issues during the reporting period	No.of copies per issue	Amount spect per issue (Rs.)	Total amount spect during the period (Rs.)
Jan-April-04	Thrice in Year	02	100	52.00	5200.00

ii) Contents of the News Letter

- 1) Languages printed :English
- 2) No. of the pages in each languages :04
- 3) Average no.of photos used in each issue :03
- 4) Space allotment:
 - ❖ Regular columns :50%
 - ❖ Issue based and variable columns :50%
- 5) Space Utilization (percent out of total print space):
 - ❖ Intimation of forthcoming activities of the KVK :5%
 - ❖ Technological information to farmers :05%
 - ❖ Report of the events happened at the KVK :70%
 - ❖ Information related women :
 - ❖ Others (please specify) (Title ,Contents, than , Now, Editorial Board, Krishi vachana) :20%

29. Website Details : Yet to be Launched

SUMMARY TABLES**Table-1 Area-wise Distribution of Training Courses for Farmers & Farm Women**

Discipline	No.of courses	Total No.of Participants			SC/ST Out Of Total		
		Male	Female	Total	Male	Female	Total
Ag. Extension	07	137	39	176	21	21	42
Agril. Engineering	02	70	00	70	03	02	05
Livestock Production	10	34	223	257	21	43	64
Crops Production	14	357	68	425	67	47	114
Home Science	15	88	270	358	33	74	107
Horticulture	05	99	51	150	16	08	24
Plant Protection	21	453	157	610	72	34	106
Soil fertility Mgt.	01	19	00	19	19	00	19
TOTAL	75	1257	808	2065	252	229	481

Table-2 Area-wise Distribution of Training Courses for Rural Youth

Discipline	No.of courses	Total No.of Participants			No.of SC/ST Out Of Total		
		Male	Female	Total	Male	Female	Total
Livestock Production	08	114	157	271	23	36	59
Home Science	13	23	334	357	27	108	135
Horticulture	05	87	50	137	13	13	26
Plant Protection	07	44	123	167	03	21	24
TOTAL	33	268	664	932	66	178	244

Table-3 Area-wise Distribution of Training Courses for Extension Personnel

Discipline	No.of courses	Total No.of Participants			No.Of SC/ST Out Of Total		
		Male	Female	Total	Male	Female	Total
Crops Production	01	30	00	30	00	00	00
Home Science	01	00	30	30	00	04	04
Ag. Extension	02	30	00	30	00	00	00
TOTAL	04	60	30	90	00	04	4
Ground Total (Table1+2 +3)	112	1585	1502	3087	318	411	729

Table-4 Number of Extension Activities and Beneficiaries

Nature of Extension Activities	No.of Actv.	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Kissan melas	01	250	50	300	02	00	02	252	50	302
Field days	03	505	80	585	09	00	09	514	80	594
Farmers seminars	07	612	142	754	05	00	05	617	142	759
Film /Video show	15	70	230	300	00	00	00	70	230	300
Exhibition	02	3500	1800	5300	00	03	03	3500	1803	5303
Advisory services	30	60	10	70	00	00	00	60	10	70
Technical Seminar	06	00	00	00	30	10	40	30	10	40
Workshops	07	00	00	00	00	00	00	00	00	00
Method Demon.	13	275	200	475	10	03	13	285	203	488
Filed Visit	90	200	70	270	20	05	25	220	75	295

Animal Health Camps.	10	683 Cows	210 Buffleovs	600 Calves	111 Other Animals	1604 Animals
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Mass media activities	Total No. of activities / programmes conducted	
Radio and TV talk	14	
News coverage	40	
Popular article	17	

Table-5 Production of Seeds

Crop	Variety	Qty.(Quintal)	Value(in Rs.)
CEREALS			
1. Save	Suksema	32.30	48450.00
2. Navane	HMT-100-1	5.00	7500.00
3. Ragi	GPU-28	2.70	4125.00
4. Sorghum	Pule yesoda	4.00	6000.00
5. Sorghum	9-13R	0.50	750.00
6. Sunhemp	Local	1.20	1800.00
7. Sorghum	M-35-1	4.00	6000.00
Total		49.70	74625.00
OILSEEDS			
1. Groundnut	VRI-2	27.70	77560.00
2. Groundnut.	GPDB-4	45.30	126840.00
3. Groundnut	TAG-24	2.75	7700.00
4. Groundnut	DH-86	6.35	17780.00
Total		82.10	229880.00
PULSES			
1. Cowpea	C-152	1.50	4500.00
2. Cowpea	DCS-5	0.75	2250.00
Total		2.25	6750.00

SUMMARY

Crops	Qty.(Quintal)	Value(in Rs.)
CEREALS	9.70	74625.00
OILSEEDS	82.10	229880.00
PULSES	2.25	6750.00
OTHERS	40.00	0.0
TOTAL	134.05	311255.00

Table-6 : Production of sapplings/seedlings of Fruit/ Vegetables/ Forest species

Crop	Variety	Qty.(No.)	Value(in Rs.)
FRUIT CROPS			
1. Sapota	DSH-1	300.00	15000.00
2. Sapota	DSH-2	200.00	10000.00
3. Guava	Lucknow-49	50.00	1250.00
Total		550.00	26250.00
SPICE CROPS			
1. Curry leaf	Suhaseni	1000.00	5000.00
Total		1000.00	5000.00

Table 7 : Front Line Demonstration on Oilseed Crops

A) Oil seeds

Season : Kharf 2003-04

Area: 25 ha.

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Groundnut	25	10	8.25	7.50	10
Sunflower	13	05	5.00	4.50	11
Soybean	08	05	5.25	3.75	40
Caster	13	05	3.50	3.00	16
Total	59	25			

B) Oil seeds

Season : Rabi/ Summer 2003-04

Area: 15 ha.

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Groundnut (GPBD-4)	12	05	19.15	13.75	39
Groundnut (DH-86)			17.60	13.75	28
Sunflower	12	05	9.60	8.00	20
Safflower	13	05	7.80	6.50	20
Total	37	15			

Table 8 : Front Line Demonstration on Pulse Crops**a) Pulses: Season : Kharif 2003-04****Area : 30 ha**

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Redgram : Asha Maruti	15	06	4.20	3.5	20.00
	10	04	3.88	3.5	10.00
Greengram : PB S-4	15	06	2.25	2.00	12.50
	10	04	2.50	2.00	25.00
Blackgram : TAU-1	25	10	2.60	2.00	30.00
Total	75	30			

b) Pulses**Season : Rabi/Summer 2003-04****Area : 15 ha**

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Bengalgram	18	10	10.00	7.00	18.79
Greengram	13	05	5.37	4.25	26.70
Total	31	15			

Table 9 : Front Line Demonstration on Other Crops**A) Miner millets****Season Kharif 2003-04****Area : 22 ha.**

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Little Millet	20	08	8.50	5.00	70
Foxtail Millet	15	06	8.00	5.00	45
Finger Millet	20	08	13.13	8.50	54.50
Total	55	22			

B) Sorghum :**Season: Kharif 2003-04****Area: 10 ha.**

Name of the Crop and season	NO. of Farmers	Area (ha.)	Yield(q/ha)		% increase over local
			Improved	Local	
Sorghum	02	01	7.00	6.00	16
Sorghum	02	01	7.00	5.57	21
Sorghum	02	01	7.25	6.00	20
Sorghum	02	01	7.50	6.50	15
Sorghum	02	01	7.00	6.00	16
Sorghum+Soybean	05	02	9.50	5.50	18
			8.00	4.50	28
Sorghum+Redgram	07	03	7.50	6.25	20
			4.25	3.50	10
Total	22	10			