UNIVERSITY OF AGRICULTURAL SCIENCES
BANGALORE

ANNUAL PROGRESS REPORT
2005 - 2006

Submitted To:

Director of Extension
University of Agricultural Sciences
Hebbal, Bangalore

Compiled By:

Dr. H. Hanumanthappa
Mr. Veerendra Kumar K.V.
Mr. Krishne Gowda M.
Mr. Hanumanthappa M.
Ms. Mangala K.

Krishi Vigyan Kendra (D.K.)
Kankanady
Mangalore - 575 002

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UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

KRISHI VIGYAN KENDRA
AGRICULTURAL RESEARCH STATION
P.B. No.515, KANKANADY
MANGALORE -575002
☎: 0824 : 2431872,Fax:2248366

No. KVK (D.K.) / / 2006 - 07. Date: 05.05.2006

To,

Director of Extension
University of Agricultural Science
Hebbal
Bangalore-24

Sir,

Sub: Submission of Annual Progress Report of K.V.K.(D.K), Kankanady, Mangalore.

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With reference to the above, I am herewith enclosing the Annual Progress Report of Krishi Vigyan Kendra (D.K), Kankanady, Mangalore from 1st April 2005 to 31st March 2006.

This is for your kind information and needful.

Yours faithfully,

Training Organiser

Encl: Copy of Annual Progress Report

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ANNUAL REPORT OF KRISHI VIGYAN KENDRA (D.K.), MANGALORE, 2005-06

1. Name and address of KVK with phone Fax, and e-mail : Krishi Vigyan Kendra,
   Agricultural Research Station,
   Kankanady,
   Mangalore-575 002
   Dakshina Kannada
   Ph.: 0824-2431872

2. Name and address of Host organization with Phone, Fax and e-mail : Vice Chancellor
   University of Agricultural Sciences,
   G.K.V.K. Campus, Bangalore-65
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   University of Agricultural Sciences,
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3. Details of Sanctioned, filled and vacant Post of Krishi Vigyan Kendra (D.K), Kankanady, Mangalore

Name of the Post	Sanctioned	Filled	Vacant
Training Organiser	1	1	0
Training Associate	6	5*	1
Training Assistant	1	0	1
Administrative Staff	2	1	1
Computer Programmer	1	0	1
Stenographer	1	1*	0
Driver	2	1*	1
Supporting Staff	2	2*	0
Total	**16**	**11**	**5**

* Work on contract basis

4. Staff Position:

Sl. No.	Sanctioned Post	Name of the Incumbent	Discipline	Pay scale	Date of Joining	Permanent/ Temporary
1	Training Organiser	Dr. H.Hanumanthappa	Fisheries	12,000-18,300	21st January 2006	Permanent
2	Training Associate	Mr. Krishne Gowda M	Agronomy	11,500 + HRA	10th January 2006	Work contract basis
3	Training Associate	Ms. Mangala K.	Horticulture	11,500 + HRA	24th April 2006	Work contract basis
4	Training Associate	Mr. Veerendra Kumar K.V.	Plant pathology	11,500 + HRA	10th January 2006	Work contract basis
5	Training Associate	Mr.Hanumanthappa. M.	Agri Entomology	11,500 + HRA	10th January 2006	Work contract basis
6	Training Associate	Dr. Suresh, S.C	Animal Science	11,500 + HRA	19th January 2006	Work contract basis
7	Training Associate	--	--	--	--	Vacant
8	Training Assistant	--	--	--	--	Vacant
9	Computer Programmer	--	--	--	--	Vacant
10	Farm Manager	--	--	--	--	--
11	Accountant/ Superintendent	Mr. Ravichandra	--	5,200-9,580	5th march 2005	Permanent
12	Stenographer	Ms. Nalinakshi	--	3500	5th Jan. 2006	Work contract basis
13	Driver-Jeep	Mr. Shivaprasad B.	--	2900	4th Jan. 2006	Work contract basis
14	Driver-tractor	--	--	--	--	--
15	Supporting staff	Mr. Chethan K.	--	2500	4th Jan 2006	Work contract basis
16	Supporting staff	Mr. Mithuna B.P.	--	2500	13th March 2006	Work contract basis

5. Infrastructure

I) Land: ARS, Kankanady and ARS, Ullala land has been utilized for conducting KVK activities

Total Area (ha.)	Area cultivated (ha.)	Area occupied by Building and Roads (ha)	Area with demonstration Units (m^2)
--	--	--	--

II) Building: ARS, Kankanady, Farm Superintendent Quarters has been temporarily converted to KVK office.

Admn. Building			Trainees Hostel			Staff Quarters				Others	
Plinth Area (m^2)	Cost (Rs. In Lakhs)	Year of Constn.	Plinth Area (m^2)	Cost (Rs. In Lakhs)	Year of constn	No.	Plinth Area (m^2)	Cost (Rs. In Lakhs)	Year of constn	Plinth Area (m^2)	Cost (Rs. In Lakhs)
-	-	-	-	-	-	-	-	-	-	-	-

III) Vehicles

Type of Vehicle	Model	Actual cost (Rs.)	Total kms. Run	Present status
Bolero DI Jeep	2004	5,00,000	28,000 kms.	Good condition
M.F.Tractor 1035	2005	5,00,000	133 hrs.	Good condition
Hero Honda	2006	40,000	93kms.	New purchase

IV) Equipments &AV aids

Sl. No	Nature of the equipment	Year of purchase	Cost	Present status	Source of funding
1	Xerox Machine	2006	75,000	Good	ICAR
2	Sprayers	2005	2,640	Good	ICAR
3	Drum Seeder & Conaweeder	2005	2,600	Good	ICAR

6. Descriptions of Agro Climatic Zones and farming situations by the district.

Krishi Vigyan Kendra, Dakshina Kannada situated in coastal zone (Zone No-10) with an operational area of five Taluks viz., Mangalore, Bantwal, Belthangady, Puttur and Sullya. The total Geographical area of the district is 4866 sq. km. The district has 134246 ha of net cultivable land mainly dependent on rainfall. The annual average rainfall is 3592.8 mm. This district receives rainfall between May to October with heavy rainfall during the month of June, July, and August. The temperature varies from maximum of 34 ^{0} C during the months of May and April and lowest temperature of 21.5^{o} C observed during the month of December. The majority of soil in the district consisting of three types of soil, viz. coastal sands, alluvial, laterite and red loamy soil. Apart from this, coastal saline soil is also noticed in some parts of the district owing to the proximity to sea or backwater. Soils are low in CEC and acidic in condition almost all are comes under acidic reaction. The PH of the soil ranges from 4.5 to 5.9 with low soluble salt content. The major nutrient status of the soils is varying from medium to low. The major crops grown in the districts are paddy, Arecanut, Coconut, Cashew, Pepper and Banana. In some parts of the district pulses like Black gram, Green gram and vegetables are being grown during Rabi/ Summer season.

Table 1. Area and Population (2001 Censes Provisional)

Sl. No.	Taluk	Area in Sq.kms.	Population							
			Male	Female	Total	Rural	Urban	SC	ST	Density Per Sq. km.
1.	Bantwal	735	178664	182890	361554	306734	54820	16964	14849	492
2.	Belthangady	1375	121288	125206	246494	239189	7305	22275	12716	179
3.	Mangalore	834	434702	448154	882856	281777	601079	41378	11539	1059
4	Puttur	1000	132786	133286	266072	218002	48070	31009	13056	266
5.	Sullya	826	70994	69760	140754	122726	18028	19534	10776	170
	Total	**4866**	**938434**	**599296**	**1897730**	**1168428**	**729302**	**131160**	**66936**	**390**

Table. 2. Rain fall pattern of Dakshina Kannada District

Sl. No.	Taluk	Normal (1901-70) (in M.M.)	Actual (2003) (in M.M.)	Rainy days	
				Normal (1901-70) (in M.M.)	Actual (2003) (in M.M.)
1.	Bantwal	3819	3581.6	124	110
2.	Belthangady	4589	4007.8	131	114
3.	Mangalore	3707	3267.6	120	104
4	Puttur	3946	3184.8	126	104
5.	Sullya	4095	3387.6	130	107
	Average	**4031**	**3485.8**	**126**	**108**

Table. 3 Agriculture (Area in ha.)

Sl. No.	Taluk	Geog. Area	Land not Available for Cultivation				Other Un-cultivated Land	
			Forest	Non-Agriculture	Barren	Total	Cultivable Waste	Permanent Pasture
1.	Bantwal	71758	5069	10157	12833	22990	9926	2072
2.	Belthangady	137510	49837	22985	6198	29183	5660	4653
3.	Mangalore	85153	2902	19366	11380	30746	8950	2020
4	Puttur	99697	27386	5924	24837	30761	2923	4973
5.	Sullya	83031	43282	2652	3815	6467	3517	5602
	Total	**477149**	**128476**	**61084**	**59063**	**120147**	**30976**	**19320**

Table. 3.Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Total other Un-Cultivated Land	Total Fallow Land	Area Sown		
				Net	More than once	Total
1.	Bantwal	14901	2803	25995	7440	33435
2.	Belthangady	19392	1050	38048	8343	46391
3.	Mangalore	19503	5696	26316	8641	34957
4	Puttur	17014	2503	22033	2813	24846
5.	Sullya	11421	007	21854	294	22148
	Total	**12231**	**1204**	**134246**	**27531**	**161777**

Table.3. Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Net Area Irrigated (in ha)			
		Canals	Tanks	Wells	Bore wells
1.	Bantwal	--	--	7643	3673
2.	Belthangady	--	--	17674	1172
3.	Mangalore	--	--	5175	533
4	Puttur	--	--	7518	2430
5.	Sullya	--	--	6494	1158
	Total	--	--	**44504**	**8966**

Table. 3.Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Net Area Irrigated (in ha)		
		Lift Irrigation	Other Sources	Total
1.	Bantwal	372	4183	15871
2.	Belthangady	51	1326	20223
3.	Mangalore	135	8024	13867
4	Puttur	930	972	11850
5.	Sullya	957	2658	11267
	Total	**2445**	**17163**	**73078**

Table. 3.Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Land Holdings &Area as per Agriculture Census				Land Holdings &Area s per Agriculture Census	
		Marginal (<1 ha)		Small (1-2 ha)		Semi Medium (2-4ha)	
		No.	Area	No.	Area	No.	Area
1.	Bantwal	25151	96862	6744	9519	3151	8490
2.	Belthangady	19038	8810	7263	10087	3026	8176
3.	Mangalore	35849	11806	7321	10316	4195	11416
4	Puttur	25366	10840	7246	10069	2311	6160
5.	Sullya	13926	6032	4465	6339	1788	4865
	Total	**119330**	**47140**	**33039**	**46330**	**14471**	**39107**

Table. 3.Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Land Holdings &Area as per Agriculture Census					
		Medium (4-10ha)		Large (>10ha)		Total	
		No.	Area	No.	Area	No.	Area
1.	Bantwal	1130	6386	143	1927	36319	36004
2.	Belthangady	989	5636	131	1703	30447	36412
3.	Mangalore	1617	9310	170	2624	49153	45472
4	Puttur	689	3789	53	773	35665	31631
5.	Sullya	743	4260	101	1430	21023	22926
	Total	**5168**	**29381**	**599**	**10457**	**172607**	**172445**

Table. 3.Contd… Agriculture (Area in ha)

Sl. No.	Taluk	Major crops grown (in ha) As per Dakshina Kannada District at a glance 2003-04.						
		Paddy	Total Cereals &Minor Millets	Gram	Other Pulses	Total Pulses	Total food grains	Sugar cane
1.	Bantwal	15868	15868	--	246	246	16114	58
2.	Belthangady	15068	15068	--	707	707	15775	--
3.	Mangalore	21814	21814	--	1232	1232	23946	139
4	Puttur	6040	6040	--	133	133	6173	--
5.	Sullya	761	761	--	16	16	737	--
	Total	**59551**	**59551**	**--**	**3234**	**3234**	**62745**	**197**

Table 4. Horticulture (Area in ha)

Sl. No.	Taluk	Major crops grown (in ha) as per Dakshina Kannada District at a glance 2003-04.							
		Arecanut	Cashew	Coconut	Banana	Vegetables	Cocoa	Rubber	Net area under all crops
1.	Bantwal	5196	5584	3010	629	799	113	217	25995
2.	Belthangady	7001	9252	4957	856	1362	236	3710	38048
3.	Mangalore	1390	3523	3180	340	565	25	183	26316
4	Puttur	5358	6111	2335	852	1063	282	735	22033
5.	Sullya	8125	4912	2126	377	30	179	5131	21854
	Total	**27070**	**29382**	**15608**	**3054**	**3819**	**835**	**9976**	**134246**

Table.5 Co-operation and Agriculture Marketing

Sl. No.	Taluk	Co-operative Societies and Co-operative Banks						
		Agril	Milk	Urban Co-operative Banks (Branches)	Other Co-operative Banks	Total	Liquidated Societies	Total Members
1.	Bantwal	27	44	5	79	155	12	77055
2.	Belthangady	22	43	2	71	138	2	51952
3.	Mangalore	21	42	35	264	362	25	76107
4	Puttur	19	58	3	95	175	6	53932
5.	Sullya	22	31	--	49	102	4	43702
	Total	**111**	**218**	**45**	**558**	**932**	**49**	**302748**

Table: 5.contd… Co-operation and Agriculture Marketing

Sl. No.	Taluk	Loan from Agriculture Co-operative society (in lakhs)			Regulated Markets			
		Short term	Medium term	Total	Main	Sub	Total	Turnover (lakhs)
1.	Bantwal	4373.01	2954.34	7327.35	1	1	2	30.43
2.	Belthangady	7964.28	1234.12	9198,40	1	-	1	17.40
3.	Mangalore	5903.10	3593.54	9496.64	1	1	1	159.42
4	Puttur	8541.92	1628.33	10170.25	1	1	2	55.63
5.	Sullya	9256.77	1739.21	10995.98	1	-	2	53.96
	Total	**36039.08**	**11149.54**	**47188.62**	**5**	**3**	**8**	**316.84**

Table: 6. Details of Self help groups (SHG) formed by Women and Child Development Department.

Sl.No.	Taluks	No. of SHG	Total No. of Women in SHG (SC)	Total No. of Women in SHG (ST)	Total No. of women in all categories
1.	Bantwal	1171	1155	1261	15658
2.	Belthangady	388	733	508	6327
3.	Mangalore	819	1079	357	15137
4	Puttur	733	1558	839	10317
5.	Sullya	241	604	314	2971
	Total	**3352**	**5129**	**3279**	**50410**

Table 7.Silent features of the farming situations of the district:

Farming situation	Geographical features	Taluks	Major crops
Coastal Zone-10	Upland, mid land, lowland, hillocks and high rainfall belt.	Mangalore	Paddy, Pulses , Coconut, Arecanut, Cashew, pepper, Vanilla, Banana and vegetables.
Coastal Zone-10	Upland, mid land, lowland, hillocks and high rainfall belt	Bantwal	Paddy, Pulses, Coconut, Arecanut, Cashew, pepper, Vanilla, Banana and vegetables.
Coastal Zone-10	Upland, mid land, lowland, hillocks, western ghats and high rainfall belt.	Belthangady	Paddy, Pulses, Coconut, Arecanut, Rubber, Cashew, pepper, Vanilla, Banana and vegetables.
Coastal Zone-10	Upland, mid land, lowland, hillocks, western ghats and high rainfall belt.	Puttur	Coconut, Arecanut, Rubber, Cashew, pepper, Vanilla, Banana, Paddy and vegetables.
Coastal Zone-10	Upland, mid land, lowland, hillocks, western ghats and high rainfall belt.	Sullya	Coconut, Arecanut, Rubber, Cashew, pepper, Vanilla, Banana, Paddy, and vegetables.

Major problems identified in Dakshina Kannada District

1. Soil acidity
2. Labour scarcity
3. Crop specific problems

Table. 8.Crop specific problems identified and identified Thrust areas for Different Taluks of Dakshina Kannada District.

Taluks	Major crops & Enterprises being	Major problems Identified	Identified Thrust Areas

	Practiced		
Mangalore, Bantwal, Belthangady, Puttur and Sullya	Paddy	• Non-adoption of high yielding varieties • Imbalanced nutrient supply • Soil Acidity • Stem borer problem in paddy nursery • Gandhi bug, leaf folder Blast disease	▪ Introduction of high yielding Varieties ▪ Integrated nutrient management approaches ▪ Soil reclamation ▪ Plant Protection ▪ Organic farming ▪ Rice based cropping system ▪ Water management ▪ Use of growth regulators ▪ Use of weedicides ▪ Employment generation activities ▪ Vermi composting ▪ Value addition ▪ Encouraging areca plate making units.
	Coconut	• Imbalanced nutrient supply • Soil Acidity • Coconut mites, Rhinocerous beetle, Black Headed Caterpiller Bud rot, Button shedding	
	Arecanut	• Imbalanced nutrient application • Root grubs, Spindle bug, Kole roga, Inflorescence dieback, • Nut splitting and button shedding, • Non-Utilization of leaf sheath.	
	Banana	• Imbalanced nutrient application • De suckering is not followed. • Non adoption of high yielding varieties • Rhizome weevil infestation • Bunchy top disease	
	Pepper	• Non adoption of high yielding varieties • Imbalanced nutrient application • Quick wilt	
	Cashew	• Imbalanced nutrient management • Tea Mosquito and stem borer infestation. • Non adoption of high yielding varieties	

	Jasmine	• Imbalanced nutrient application • Application of excess nitrogenous manures and fertilizers • Whitefly and bud worm infestation. • Leaf spot and wilt disease • Indiscriminate use of pesticides	
	Vegetables Cowpea Bendi Brinjal. Cucurbitaceous Green leafy vegetables Amarpophilous	• Non adoption of high yielding varieties • Imbalanced nutrient application. • Lack of knowledge on application of bio-fertilizers • Proper spacing is not followed • Improper management of pest and diseases, • Lack of knowledge on processing and storage of vegetables	
	Pineapple	• Non-adoption of proper planting methods. • Lack of knowledge on use of growth regulators • Imbalanced nutrient application.	
	Vanilla	• Improper and imbalanced nutrient application. • Wilt disease. • Lack of knowledge on processing.	

9. Training Achievements

Abstract of Training Programmes conducted during April 2005 to March 2006

Discipline	No. of Programmes	No. Participants		Total
		Male	Female	
On Campus				
Crop Production	1	05	00	05
Horticulture	1	49	01	50
Animal Science	4	171	43	214
Total	**6**	**225**	**44**	**269**
Off Campus				
Crop Production	12	120	253	373
Horticulture	22	366	562	928
Animal Science	08	119	181	300
Plant Protection	03	53	27	80
Home Science	01	00	45	45
Total	**46**	**658**	**1068**	**1726**
Rural Youths				
Horticulture	05	56	103	159
Total	**05**	**56**	**103**	**159**
Extension Functionaries				
Crop Production	03	35	78	113
Horticulture	01	32	18	50
Total	**04**	**67**	**96**	**163**
Sponsored Programmes				
Crop Production	08	156	107	263
Horticulture	05	67	52	119
Plant Protection	09	337	95	432
Animal Science	02	00	39	39
Total	**22**	**560**	**293**	**853**
Grand Total	**83**	**1566**	**1604**	**3170**

a) Details of On Campus Training Programme

Discipline	Training Topics	Date	No. of Participants		Total
			Male	Female	
Horticulture	Marketing Facilities of Fruits and Vegetables	27-3.06	49	01	50
Crop Production	Agriculture	17-6-05	5	0	5
Animal Science	Rabbit rearing	27-8-05	38	0	38
	Goat Rearing	27-10-05	42	5	47

	Rabbit and Emu bird rearing	28-10-05	61	32	93
	Aquarium Fabrication and Maintenance	24-3-06	30	06	36
	Total	**06**	**225**	**44**	**269**

b) Off Campus Training Programme

Discipline	Training Topics	Date & Place	Male	Female	Total
Horticulture	Jasmine Cultivation	3-5-05 Daddi Yedapadavu	0	35	35
	Jasmine Cultivation	5-5-05 Kalladi	0	34	34
	Vegetables Cultivation	16-6-05 Balnadu	0	42	42
	Jasmine Cultivation	16-6-05 Panjala	0	53	53
	Jasmine Cultivation	19-6-05 Neerumarga	10	4	14
	Vegetables Cultivation	22-6-05 Kaniyoor	0	32	32
	Vegetables and Jasmine Cultivation	23-6-05 Kaikamba	0	36	36
	Horticulture crops	24-6-05 Perlampady	0	25	25
	Vegetables Cultivation	9-7-05 Ujire	65	38	103
	Horticulture crops	14-7-05 Kokkatte	56	14	70
	Cashew Cultivation	16-7-05 Naringana	41	17	58
	Cashew Cultivation	27-7-05 Shirthadi	37	0	37
	Cashew Cultivation	29-7-05 Dharmanagara	10	23	33
	Cashew Cultivation	19-8-05 Yekkar	17	8	25
	Arecanut Cultivation	22-8-05 Kodetthur	22	15	37
	Arecanut Cultivation	23-8-05 Harekala	12	15	27
	Horticulture crops	9-9-05 Haleyangadi	17	44	61
	Jasmine Cultivation	17-9-05 Inoli	0	23	23

	Horticulture crops	30-9-05 Shirthadi	62	40	102
	Banana and Jasmine Cultivation	12-11-05 Kinya	17	0	17
	Jasmine Cultivation	26-12-05 Kumpala	0	35	35
	Jasmine Cultivation	27-12-05 Shirthadi	0	29	29
	Total	**22**	**366**	**562**	**928**

Crop Production	Vermi Composting	7-5-05 Karambar	0	35	35
	Agriculture	18-6-05 Bellipady	0	29	29
	Agriculture	20-6-05 Kokrady	0	17	17
	Vermi Composting	22-6-05 Kallugudde	0	38	38
	Agriculture	9-8-05 Buleri Katte	0	31	31
	Agriculture	9-8-05 Balnad	0	42	42
	Agriculture	24-8-05 Kabaka	0	25	25
	Paddy harvester and thresher demonstration	14-10-05 Gurupura	25	4	29
	Irrigation Systems	26-11-05 Montepadavu	20	11	31
	Vermi Composting	12-12-05 Munnur	26	2	28
	SRI method cultivation in Paddy	12-12-05 Talapady	13	18	31
	Composting and Soil testing	21-2-06 Kukkujadka	36	01	37
	Total	**12**	**120**	**253**	**373**

Animal Science	Dairying	20-6-05 Nelyady	0	19	19
	Dairying	23-6-05 Ramakunja	0	14	14
	Dairying	24-8-05 Manjalapadavu	0	19	19
	Dairying	21-12-05 Bajape	4	78	82
	Dairying, Cattle Show and infertility camp	27-2-06 Somanthadka	46	06	52
	Cattle Show and infertility camp	17-3-06 Parpunja	20	14	34
	Fish Culture and fish products preparation	20-3-06 Kumbra	19	26	45
	Dairying	28-2-06 Muchuru	30	05	35
	Total	**8**	**119**	**181**	**300**
Plant Protection	Demonstration of Bordeaux Paste preparation and its utilization	2-7-05 Kaudoor	15	0	15
	Apiculture	23-12-05 Ganjimata	23	14	37
	Mushroom Cultivation	Kinnigoli	15	13	28
	Total	**3**	**53**	**27**	**80**
Home Science	Fruits and vegetable preservation	30-8-05 Muddinadka	0	45	45
	Total	**1**	**0**	**45**	**45**

c) Training Programmes for Rural Youths

Discipline	Training Topics	Date	Place	Male	Female	Total
Horticulture	Horticulture crops	24-6-05	Perlampady	0	25	25
	Horticulture crops	25-7-05	Puttur	0	32	32
	Jasmine Cultivation	27-8-05	Munnur	19	16	35
	Integrated Cashew Cultivation	13-9-05	Niddodi	21	30	51
	Integrated Arecanut Cultivation	17-9-05	Boliyar	16	0	16
	Total	**05**		**56**	**103**	**159**

d) Training Programmes for Extension Functionaries

Discipline	Training Topics	Date	Place	Male	Female	Total
Crop Production	Agriculture and Agriculture related technologies	28-2-06	Puttur	02	39	41
	Modern Agriculture technologies	17-3-06	Puttur	30	02	32
	Agriculture and Agriculture related technologies	18-3-06	Krishi Vigyan Kendra	03	37	40
Horticulture	Plantation crops cultivation	21-2-06	Krishi Vigyan Kendra	32	18	50
	Total	**4**		**67**	**96**	**163**

e) Sponsored Programmes

Discipline	Department	Training Topics	Date & Place	Male	Female	Total
Horticulture	RUDSET	Horticulture crops	1-8-05 to 13-8-05 Ujire	25	3	28
	SKDRDP	Banana Cultivation	25-10-05 Bajpe	6	21	27
	SKDRDP	Cashew Cultivation	22-8-05 Elenge	21	0	21
	SKDRDP	Arecanut Cultivation	23-8-05 Kakkemajal	15	9	24
	Dept. of Agriculture	Horticulture crops	30-1-06 Belthangadi	00	19	19
		Total	**5**	**67**	**52**	**119**
Crop Production	SKDRDP	Fodder crop cultivation	29-8-05 Mangalore	24	6	30
	SKDRDP	Paddy cultivation	18-10-05 Haseguli	20	2	22
	SKDRDP	Vermi composting	9-12-05 Kinnigoli	19	1	20
	Dept. of Agriculture	Oil seeds production technologies	30-12-05 Belthangadi	49	8	57
	Dept. of Agriculture	Vermi composting, Mushroom cultivation and Bee-keeping	25.01.06 Bantwal	00	54	54
	SKDRDP	Improved methods of compost preparation	2.2.06 Kinnigoli	31	23	54

	Dept. of Agriculture	Oil seeds production technologies	16-2-06 Belthangadi	12	00	12
	Dept. of Agriculture	SRI method in paddy and Mushroom Cultivation	15-3-06 Belthangadi	01	13	14
		Total	**8**	**156**	**107**	**263**
Plant Protection	Dept. of Agriculture	Safe usage of pesticides	23-8-05 Mangalore	112	13	125
	Dept. of Agriculture	Safe usage of pesticides and integrated pest management	27-8-05 Belthangadi	62	8	70
	Dept. of Agriculture	Safe usage of pesticides and integrated pest management	30-11-05 Puttutr	60	9	69
	Dept. of Agriculture	Safe usage of pesticides and integrated pest management	15-12-05 Sulya	44	16	60
	Dept. of Agriculture	Safe usage of pesticides and integrated pest management	23-2-06 Chennaithodi	17	03	20
	Dept. of Agriculture	Safe usage of pesticides and integrated pest management	24-2-06 Ira	10	24	34
	Dept. of Agriculture	Mushroom cultivation and Bee-keeping	9-3-06 Belthangadi	00	20	20
	Dept. of Agriculture	Disease management in Oil seed crops	20-3-06 Belthangadi	16	00	16
	Dept. of Horticulture	Disease management in vegetables	22-3-06 Neerumarga	16	02	18
		Total	**09**	**337**	**95**	**432**
Animal Science	Dept. of Agriculture	Giriraja poultry rearing and Rabbittary	16-2-06 Belthangadi	00	11	11
	Dept. of Agriculture	Dairying and Azolla feeding as an Animal feed	25-3-06 Belthangadi	00	28	28
		Total	**02**	**00**	**39**	**39**

11. On Farm Testing for the year 2005-06

Sl. No.	Discipline	Technology	No. of Demonstrations	No. of farmers
1	**Crop Production**	Test verification of new varieties of Paddy	5	5
		Integrated Nutrient management in Paddy	6	6
2	**Horticulture**	Integrated Nutrient management in Arecanut	8	8
		Integrated Nutrient management in Banana	5	5
		Use of Bio fertilizer and Dolomite in Jasmine	10	10
3	**Plant Protection**	White fly management in Jasmine	10	10
	Total	**6**	**44**	**44**

Results:

Integrated Nutrient management in Paddy

Place	No. of Demonstrations	No. of farmers	Technology		
			Farmers Practice	**Recommended**	**Alternate Practice**
Moodperara, Adyapady, Yadapadavu, Kaudoor	6	6	80. kg. Sowing seeds + 2 ton. Compost+ 120 kg. Suphala	62.5 Q. kg. Sowing seeds + FYM 5 ton. + fertilizer 60:30:45 kg. + Zinc Sulphate 20 kg.. + Lime 500 kg..	62.5 kg. Sowing seeds + FYM 2 ton. + Green leaf manure 5 ton. + Azosprillum 3.6 kg. + Phosphate solubilizing 2.5 kg. + Lime – 500 kg. + Zinc Sulphate 20 kg. + recommended fertilizer -.50% N, 75% P & K
Yield (q./ha)			**35.88**	**46.00**	**44.40**

- In alternate practice increased yield of 23.80% than farmers practice
- In recommended increased yield of 3.6% than alternate practice

12. Sanctioned Front Line Demonstration-2005-06

Sl. No.	Discipline	Technology	No. of Demonstrations	No. of farmers
1	Crop Production	Use of Zinc Sulphate in paddy	10	10
		Use of Drum Seeder in paddy	12	12
		Use of Weedicids in paddy	9	9
		SRI method in paddy	12	12
2	Horticulture	Nutrient management in Coconut	9	9
		Nutrient management in Cashew	12	12
		Nutrient management in Water melon	10	10
3	Plant Protection	Integrated pest management in Paddy	12	12
		Root grub management in Arecanut	15	15
		Tea mosquito bug management in Cashew	10	10
		Management of Red palm weevil in Coconut	10	10
		Management of Koleroga in Arecanut	10	10
		Wilt management in Brinjal	10	10
		Inflorescence die back management in Arecanut	10	10
4	Animal Science	Vaccination and Deworming agents usage in dairying	10	10
		Introduction of New improved high yielding varieties of fodder grass (Congo – Signal grass) to the coastal zoon	12	12
	Total	**16**	**173**	**173**

Results of Front Line Demonstration

Crop	Place	No. of Demonstrations	No. of farmers	Technology introduced	Yield		
					Demonstration	Farmers' method	Percentage
Paddy	Mooduperara, Edapadavu, Haleyangadi	10	10	Usage of Zinc Sulphate	40.19 q./ ha.	36.68 q./ ha.	9.58
Paddy	Mooduperara, Kinnibettu, Edapadavu	12	12	Management of leaf folder and stem borer in paddy	43.14 q./ ha.	38.62 q./ ha.	11.69

13. Extension Activities (April 2005 – March 2006)

Particulars	No.	Subject	Place	Total No. Beneficiaries
Field Visits	230	Field visits to farmers demonstration Plots	Entire D.K. District	365
Farmers visits to KVK	231	Latest technologies available on Agronomy, Plant Protection and Dairying		231
Seminars	2	Horticulture crops, Agriculture and Animal husbandry	Ujire	173
Paper Publications		Activities of Krishi Vigyan Kendra (D.K)	-	Vijaya Karnataka, Udayavani etc.
Field Day	1	Field Day on Cashew	Ullala	70
Published Articles	17	• Azolla as a organic manure to paddy crop • Production and Utilization of vermi compost in Agriculture • Reasons and measures to be taken on lower yield of paddy in coastal zone • Measures to be taken on Kole roga in Arecanut • Management of pest problem in paddy cultivation • Management of Quick wilt disease in Pepper • Management of insect-pest problem in Banana • Management of insect-pest problem in chilli • Method of Trichoderma application in pepper • Gladiolus – as a commercial flower crop to the coastal area • Opportunities available on vermi composting with Horticulture crops • Giriraja Poultry rearing in hilly areas • Points to be considered during the selection of dairy animals • Management of diseases in ginger • Management of diseases in Chilli • Safety measures to be taken during the usage of insecticides • Identification of wilting disease in vegetable crops		Krishika Bandhu, Vijayakarnataka, Krishiloka, Krishipete and Sujatha

Folders Publish	10	▪ Activities of Krishi Vigyan Kendra ▪ Udupi Mallige ▪ Paddy Cultivation ▪ Cultivation methods available on growing suitable vegetable crops in coastal zone ▪ Dairying – as an economical enterprise ▪ Soil Testing ▪ Rabbit rearing ▪ Management of insect problems and diseases in coconut ▪ Management of insect problems and diseases in Arecanut ▪ Improved technologies available on plantation crops

Table 14. Financial status of Revolving Fund and the plan for its utilization

Year of sanction	Amount Sanctioned (Rs.)	Opening balance as on 1.4.2005	Expenditure Incurred During 2005-06	Receipts During 2005-06	Closing balance As on 31.3.2006	Proposed Expenditure /during 2006-07	Proposed Receipts during 2006-07
2005	1,00,000.00	89,959.00	13,635.00	31,150.00	1,10,560.00	72,000.00	84,000.00

Table 15. Physical status of Revolving Fund and plan for its utilization

Year of Sanction	Amount Sanctioned (Rs.)	Opening Stock Positions of Materials	Quantity produced During 2005-06	Quantity Sold During 2005-06	Closing stock position as on 31.3.2006	Expected production during 2006-07
2005	1,00,000.00	Nil	2225	2225	Nil	

16. PROFORMA FOR BUDGET FOR THE YEAR 2006-07 OF KRISHI VIGYAN KENDRA (D.K) MANGALORE.

Sl. No.	Particulars	Amount Sanctioned For the year 2005-06	Progressive Expenditure As on 31-3-2006	Budget required for the year 2006-2007
	A. RECURRING CONTINGENCIES			
1.	Pay & Allowances	16,00,000	9,22,190	23,12,300
2.	Traveling allowances	75,000	41,309	1,00,000
3.	Contingencies	4,00,000		
a	Stationary, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News paper &magazine)	90,000	89,999	1,00,000
b	POL, repair of vehicles, tractor and equipments	85,000	84,759	1,50,000
c	Meals/refreshment for trainees (ceiling up Rs.40/ day) trainees be maintained)	60,000	44026	1,00,000
d	Training materials (posters charts, demonstration materials including chemicals etc., required for conducting the training)	30,000	29447	1,00,000
e	Frontline demonstration except oilseed s and pulses (minimum of 30 demonstration in a year)	50,000	36201	59,389
f	Frontline demonstrations on oilseed and pulses	--	--	10,292
g	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	30,000	17,473	35,372
h	Training of extension functionaries	25,000	11,642	20,000
i	Maintenance of buildings	20,000	19,990	50,000
j	Library	10,000	2,723	10,000
	Total	**20,75,000**	**12,99,759**	**30,47,353**
	B. Non-Recurring Contingencies			
1	Xerox machine	75,000	74,973	-
2	Camera	20,000	20,000	-
3	Library	10,000	10,000	-
4	Vehicle two wheeler	40,000	40,000	-
	Works			
a	Administrative Building	15,00,000	-	-
b	Farmers Hostel	10,67,000	-	-
C	Staff Quarters	11,50,000	-	-
D	Demo, Units	1,75,000	-	-
1.	Equipments			

a	OHP			25,000
b	Slide projector			30,000
c	**Computer, scanner with printer &UPS**			**1,00,000**
d	Pentax SLR 1000 camera			30,000
e	Fax machine			15,000
f	DVD player	--	--	10,000
g	Public audio system			25,000
h	Furniture	--	--	1,00,000
i	Library(Purchase of assets like books and journals)	10,000	10,000	10,000
j	Vermi compost Unit (size 2 units)	--	--	30,000
q	Japanese compost making unit (2units)	--	--	20,000
	Total (RS.)	**40,37,000**	**1,44,973**	**3,95,000**
	Grand Total (A+B+C)	**61,12,000**	**5,05,426**	**34,42,353**