

PROFORMA FOR ANNUAL REPORT 2012-13

(FOR THE PERIOD APRIL 2012 TO MARCH 2013)

KRISHI VIGYAN KENDRA (BAGALKOT)

PART I - GENERAL INFORMATION ABOUT THE KVK

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

KVK Address	Telephone		E mail	Web Address
	Office	FAX		
Krishi Vigyan Kendra, Bagalkot – 587 101	08354 – 223543	08354 – 223543	kvkbgk@rediffmail.com	www.kvkbagalkot.com

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

Address	Telephone		E mail	Web Address
	Office	FAX		
University of Agricultural Sciences, Krishi Nagar, Dharwad – 580 005	0836-2447494	0836- 2447783	deuasd@rediffmail.com	www.uasd.edu

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. K. B. Yadahalli	Krishi Vigyan Kendra, Bagalkot - 587 101	94484 95347	kbyadahalli@yahoo.co.in

1.4. Year of sanction: June 2005

1.5. Staff Position: Table enclosed (Page 3)

1.5. Staff Position (as 31st March 2013)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Programme Coordinator	Dr. K. B. Yadahalli	Programme Co-ordinator	M	Plant Pathology	M.Sc (Agri), Ph.D.	37,400-67000 GP 9000	50,720	13-06-11	Permanent	GM
2	SMS	Dr. R. M. Hosamani	Associate Professor	M	Horticulture	M.Sc (Agri), Ph.D.	37,400-67000 GP 9000	55,280	04-06-11	Permanent	GM
3	SMS	Dr. R. Veeranna	SMS	M	Agri. Entomology	M.Sc (Agri), Ph.D	15600-39100 GP 6000	25,060	30-06-09	Permanent	GM
4	SMS	Vacant	-	-	Agronomy	-	-	-	-	-	-
5	SMS	Vacant	-	-	Plant Breeding	-	-	-	-	-	-
6	SMS	Vacant	-	-	Animal Husbandry	-	-	-	-	-	-
7	SMS	Vacant	-	-	Home Science	-	-	-	-	-	-
8	Programme Assistant (Lab Tech.)/T-4	Mr. Siddappa C. Angadi	Prog Asst. (Soil Science)	M	Soil Science	M.Sc (Agri)	9300-34800 + 4200	15,210	18-12-08	Permanent	GM
9	Programme Assistant (Computer)/ T-4	Mrs. Shailaja N. Galagali	Prog Asst. (Computer)	F	Computer Science	B.C.A	9300-34800 + 4200	15,210	24-11-08	Permanent	GM
10	Programme Assistant/ Farm Manager	Vacant	-		Farm Manager	-	-	-	-	-	-
11	Assistant	Smt. Sumitra H. Nayak	Assistant	F	Assistant	B. Sc.	16000-29600	22,200	11-06-11	Permanent	OBC
12	Jr. Stenographer	Mr. Ulappa B. Mestri	Typist	M	Office Automation	B.A	16000-29600	18,550	23-10-09	Permanent	GM
13	Driver	Mr. Chandrashekar H. Makapur	Driver (Light vehicle)	M	Driver	P.U.C	11600-21000	12,250	07-10-09	Permanent	GM
14	Driver	Mr. Mahadev V. Pujari	Driver (Light vehicle)	M	Driver	S.S.L.C	11600-21000	12,250	30-11-09	Permanent	OBC
15	Supporting staff	Mrs. Anita S. Doddamani	Asst. Cook-cum-Care taker	F	Cooking and Hostel management	P.U.C	10400-16400	11,000	30-11-09	Permanent	SC
16	Supporting staff	Smt. Renuka N. Arawatagi	Farm Labour	F	Farm Labour	S.S.L.C	9600-14550	9,800	07-10-11	Permanent	GM

1.6. Total land with KVK (in ha)**: 22.90 ha**

S. No.	Item	Area (ha)
1.	Under Buildings	0.80
2.	Under Demonstration Units	-
3.	Under Crops	22.10
4.	Orchard/Agro-forestry	-
5.	Others	-

1.7. Infrastructural Development**A) Buildings**

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	31.03.2007	488.20	47.00	-	-	-
2.	Farmers Hostel	ICAR	31.03.2007	299.31	29.20	-	-	-
3.	Staff Quarters	ICAR	31.03.2007	399.72	35.60	-	-	-
4.	Demonstration Units	-	-	-	-	-	-	-
5.	Fencing	-	-	-	-	-	-	-
6.	Rain Water harvesting system	-	-	-	-	-	-	-
7.	Threshing floor	-	-	-	-	-	-	-
8.	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Tavera)	2005	4,99,999	1,58,987 Kms	Working
Tractor with trolley	2005	3,70,000	4587.5 hrs	Working
Motor Cycle (CD Deluxe)	2006	39,600	31,150 Kms	Working
Motor Cycle (Passion)	2009	48,814	19,104 Kms	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Weighing machine	2005	325	Good Condition
Spring balance	2005	60	Good Condition
Plastic chairs	2005	12,000	Good Condition
Xerox machine	2006	72,000	Good Condition
Digital camera	2006	18,450	Good Condition
Insect storage cabinet	2006	13,200	Good Condition
Insect exhibition cabinet	2006	9,000	Good Condition
Tractor drawn plough	2006	18,500	Good Condition
Seed cum fertilizer drill	2006	9,900	Good Condition
Computer	2007	29,326	Good Condition
Laser printer	2007	20,642	Good Condition
Scanner	2007	2,600	Good Condition
Gas stove	2006	850	Good Condition
Mixer/grinder	2007	1,650	Good Condition
Bakery oven	2007	4,377	Good Condition
Notice board	2007	6,750	Good Condition
White writing board	2007	3,000	Good Condition
Sewing machine	2008	19,700	Good Condition
Sprayers	2008	7,781	Good Condition
Godrej Executive Table	2008	19,333	Good Condition

Godrej office Table(T-104)	2008	1,01,592	Good Condition
Godrej office Table(T-9)	2008	49,650	Good Condition
Godrej computer work station	2008	28,745	Good Condition
Godrej 4 drawer filing cabinet	2008	24,848	Good Condition
Godrej almaras	2008	71,754	Good Condition
Godrej 4 way book shelf	2008	25,712	Good Condition
Godrej chairs	2008	52,500	Good Condition
Godrej chairs	2008	25,551	Good Condition
Godrej office chairs	2008	43,975	Good Condition
Juicer	2009	7,369	Good Condition
LCD mounting	2009	15,400	Good Condition
Sony LCD television	2009	43,950	Good Condition
Fax machine	2009	13,950	Good Condition
Traditional chakky machines	2009	3,000	Good Condition
Hero Honda (Passion plus) motor cycle	2009	48,814	Good Condition
Envirofit choohas	2009	2,350	Good Condition
Acrylic Boards	2010	3,505	Good Condition
Groundnut strippers	2010	3,560	Good Condition
Rawa and Atta machine	2010	32,513	Good Condition
Chop cutter machine	2010	28,000	Good Condition
Pigeon gas stove, Pipe, Regulator	2010	2,872	Good Condition
Aspee sprayers	2010	5,530	Good Condition
Steel cots, Beds, Dining Table (big one with 30 chairs)	2010	1,99,625	Good Condition
Hindalium pateli & lid, Plate S .S., Rice spoon for hostel	2010	3,503	Good Condition
Dish TV – DTH set	2010	1,980	Good Condition
Hinda, Top 2, Lid 2, S.S. Sakkari butti for hostel	2010	955	Good Condition
Electronic Weighing Scale	2010	12,800	Good Condition
Podiums	2010	12,900	Good Condition
Bamboo yoke 12'	2010	660	Good Condition
Wooden yoke 8'	2010	1,100	Good Condition
Intercultivation Hoe 12"	2010	2,860	Good Condition
Intercultivation Hoe 18"	2010	3,080	Good Condition
Intercultivation Hoe 24"	2010	3,520	Good Condition
Wooden yoke (10' tines)	2010	550	Good Condition
Hostel utensils and accessories	2010	9,434	Good Condition
Dairy Utensils and accessories	2011	690	Good Condition
Single bottom reversible mb plough	2011	46,000	Good Condition
Two bottom reversible mb plough	2011	49,000	Good Condition
Mouse USB	2011	220	Good Condition
Groundnut decorticator	2011	4,500	Good Condition
EPABX accessories	2011	63,615	Good Condition
7.5 KVA Generator	2011	92,000	Good Condition
Hitachi cp X 4687 multimedia projector	2011	97,610	Good Condition
Anand spiral seperator (250 to 300 kg)	2012	12,000/-	Good Condition
Shewing machine LP1 Model DA-1	2012	8,064/-	Good Condition
Tractor operated post hole digger	2012	42,748/-	Good Condition
Light trap	2012	9,975/-	Good Condition
Digital moisture meter	2012	49,020/-	Good Condition
Electronic weighing Scale	2012		Good Condition
District Map (size 36"x40") – 3 No.s	2012	24,750/-	Good Condition
Blankets	2012		Good Condition
Bedsheets	2012		Good Condition
pH meter (ELICO)	2012	23,005/-	Good Condition
Tractor operated zero till machine	2012	47,500/-	Good Condition
Dehuller/Pearler (Capacity 100-50 kg/hr)	2012		Good Condition

1.8. Details SAC meeting conducted in 2012-13

Sl.No.	Date	Number of Participants	No. of absentees	Salient Recommendations	Action taken
1.	31-07-2012	64	-	-	-

Proceedings of the 11th Scientific Advisory Committee Meeting at KVK, Bagalkot on 31-07-2012

Sl.No.	Suggestions/ Recommendations	Proposed by	Action
1	To bring out a list of service providers of agriculture and agriculture related activities in consultation with the Joint Director of Agriculture and Heads of other development departments. This may include even agriclinic, horti clinic, etc.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	In consultation with Heads of Development departments a list has been prepared and is brought out in the KVK's publications. The Agri/Horti clinic, other service providers, etc. have been included.
2	To popularize coconut harvester in the district.	Director of Extension, UHS, Bagalkot	Coconut Board has been approached to support coconut harvester's popularization activities.
3	To submit proposal to Agriculture Department under ATMA programme for taking farmers on education tour.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	In consultation with Joint Director of Agriculture and Assistant Director of Agriculture proposal has been submitted and tour programme is planned in this month. It was also done during last year.
4	To have discussions with Heads of NABARD and Lead Bank to finalize programme that can be taken up on collaborative basis and joint basis to be implemented.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	In collaboration with NABARD and Lead Banks three programmes have been conducted at Kagalgomba, Bevinamatti, Shiraguppa villages.
5	To send newsletter to all developmental departments, societies, SHG's, FG's, Panchayat, RSK's, APMC's, registered service provider's, service societies, etc. in the district.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	Detailed addresses of prominent service providers was requested to be provided and accordingly incorporated in the mailing list. Acknowledgement to this effect is got in the office mailing list. Newsletters have been sent to all the concerned.
6	Proposal to be submitted for sending voice SMS. To increase the phone numbers in the list of sent agri messages beneficiaries. Heads of Lead banks's agreed to provide list of farmers contact numbers to this effect.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	Training on voice SMS conducted by UAS, Raichur was attended by KVK staff at Dharwad. List of selected farmers to send messages has been prepared and agri messages are being sent.
7	While implementing Farmers Field School, it was suggested to involve officers of development (agri/horti) departments. Information on technologies being demonstrated to be published in mass media. To write popular articles on topics of importance to the district and stories on successful farmers.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	KVK has conducted FFS on onion in Basarikatti village of Hunagund taluk. In all activities of FFS concerned ADA's, AAO's have been associated to make it successful. Demonstrated technologies have been published in mass media. Success stories of progressive farmer's and their achievements have been published in mass media (eg. Sri Parappa Gama of Sunaga village, Sri Dhareppa Kittur, Sri Dhanpal Yallatti, etc.
8	To document benefits to farmers from field visits.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	FLD results with farmers opinion have been published in the Annual Report and in mass media.
9	To take up "Complete package demonstration of turmeric rhizome borer management" in farmer's field on larger area in Teradal hobli.	Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	KVK produced and provided turmeric planting material of improved variety 'Allepy Supreme' to progressive farmer Sri Dhareppa Kittur of Teradal village in Jamakhandi taluk. Training programme to farmers on Integrated cultural management of turmeric was organized at Teradal to convey the importance of recommended package of practices inclusive of plant protection measures.

10	To popularize nutrient mixtures developed by IIHR and if possible to start produce the same.	Dr. Mallanna Nagaral, Progressive Farmer, Hunagund and Dr. M. J. Chandregowda, Principal Scientist, ZPD-VIII, Bengaluru	IIHR Banana Special nutrients mix is being popularized through FLD's. Consultation with KVK, Dharwad / Bijapur was done regarding nutrient mix supply / preparation to farmers.
11	It was suggested to take help under NABARD's Technology Transfer Fund to form SHG's.	Head, NABARD, Bagalkot	Concerned have been consulted and SHG's formation is under progress.
12	It was suggested to take service of officials of veterinary department in the KVK activities.	Dy. Director, Dept. of Animal Husbandary, Bagalkot	Dairy Unit is established in KVK. The services of Dr. Benal, Veterinary Officer, Bagalkot are regularly availed in conducting KVK activities.
13	It was suggested to popularize horti-silvi crops like drumstick, tamarind, ber, custard apple, curry leaf, cluster bean, neem, honge, etc. under 'Tree culture' as important long term drought management strategy.	Director of Extension, UHS, Bagalkot	During this year suitable 'Contingent plan' report was prepared and given to Joint Director of Agriculture and mass media for draught management in the district. Importance to horticultural and silviculture crops was given in the report. High yielding Drumstick variety 'Bhagy' is being popularized in this regard through FLD's.
14	It was suggested to involve developmental departments in popularizing modern farm implements / machinery.	Assoc. Director of Extension, RARS, Bijapur	In training programmes on farm implements conducted by DATC, faculty from KVK are participating and importance of modern farm implements highlighted.
15	It was suggested to fill up vacant positions in KVK by bringing it to the notice of the University and take necessary measures.	Joint Director of Agriculture, Bagalkot	Vacant positions filling in KVK has been brought to notice of University authorities.

PART II - DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
Rainfed Situation	
1	Greengram – Sorghum
2	Sunflower – Chickpea
3	Greengram – Wheat
4	Cotton – Fallow
5	Fallow – Sorghum
6	Bajra + Pigeon pea
7	Bajra + Sunflower
8	Bajra + Sesamum
9	Sesamum – Chickpea
10	Goat, Sheep, Cows and Buffalos rearing
Irrigation Situation	
11	Sugarcane based cropping system
12	Pomegranate based cropping system
13	Sunflower – Maize – Groundnut
14	Maize-Sunflower-Groundnut
15	Onion-Chilli-Cotton
16	Dairying
17	Jaggery Preparation
18	Agri. Horti, Agroforestry

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	Northern Dry Zone of Karnataka, Zone-3 1. Irrigated (35%) 2. Rainfed (65%)	Very less rainfall (480.60 mm), 50 rainy days, Medium Black, Deep black and Red soils. Partly irrigated (35%), July and September are peak rainy months. All types of crops are grown including Horticultural crops. Agricultural crops – Sugarcane, Sunflower, Maize, Groundnut, Horticultural crops – Pomegranate, grape, Sapota, Banana, Papaya, Mango Vegetables – Onion, Chilli, brinjal, tomato etc Spices – Turmeric, beetlevine, coconut etc. Sorghum, Bajra, Greengram, Bengalgram, sunflower, Sesamum etc

S. No	Agro ecological situation	Characteristics
1	Rainfed Irrigated Irrigated & rainfed	Deep black soils (Hungund, Bagalkot) Medium Black soil (Badami, Mudhol, Jamakhandi) Red soils (Badami, Bagalkot, Hungund) Source – Well, Gataprabha Left Bank Canal(GLBC), Malaprabha Left Bank Canal(MLBC), Upper Krishna Project(UKP), Tank and lift irrigation

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Black Soils	Possess a characteristically dark colour, ranging from dark brown to deep black. They are high in clay content, clay mostly belong to montmorillonitic group, and are sticky and plastic when wet. They show strong swelling and shrinkage with changes in moisture content and produce deep and wide cracks. Their limitation for crop production is because of their poor tillage and poor drainage. The black color may be due to presence of clay- humus complexes or titaniferous-magnetite compounds. The soils classified as shallow – possessing a depth of 30 cm or less, medium – 30 to 100 cm and deep black soils – 100 to 200 cm or even more. According to soil taxonomy the common orders, sub orders and great groups of black soils are as follows. Order – Vertisol Sub order – Torrerts and Usterts Great group – Torrtorrerts, Usttorrerts, Torriusterts and Ustusterts	5353
2	Red Soils	Well-drained soils, with clay enriched subsoil developed from granite, gnesis or schists under subtropical climate. The normal red soils have a pH around neutrality or acidic side. The A-horizon is dark reddish brown while B-horizon may have a dark brown color. The clay minerals become coated with red hematite or yellow limonite forming a reddish-yellow soil. Impure iron, alumina-silica concretions and quartz are common constituents of red soil. According to soil taxonomy the common orders, sub orders and great groups of red soils are as follows. Order – Alfisol and Ultisol Sub order – Ustalfs, Ustults, Aquults Great group – Haplustalfs, Rhodustalfs, Paleustalfs, Haplustults, Rhodoustults, Ochraqults	1240

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

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
1	Sorghum	103464	124942	1208
2	Maize	84472	382840	4532
3	Bajra	32095	51448	1603
4	Wheat	24693	52596	2130
5	Pigeon pea	10375	2511	242
6	Horse gram	2255	586	260
7	Greengram	41370	6784	164
8	Bengalgram	78006	76056	975
9	Cowpea	1081	701	648
10	Groundnut	26255	33516	1277
11	Sunflower	33031	35599	1078
12	Niger	235	82	349
13	Soybean	3080	2430	789
14	Cotton	1434	2259	1575
15	Sugarcane (tons)	121520	9392650	77

Source: Office of The Joint Directorate of Agriculture, Bagalkot

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April-12	3.2	37.9	24.1	72.2	19.2
May-12	4.1	37.7	24.2	74.0	19.6
June-12	23.4	33.8	23.2	83.3	35.3
July-12	12.4	31.4	22.8	87.1	46.0
August-12	11.0	21.9	15.9	62.5	33.7
September-12	2.8	31.4	21.3	91.9	44.1
October-12	10.8	31.4	19.6	87.5	36.2
November-12	12.6	30.5	17.8	89.0	36.6
December-12	9.8	31.3	15.5	84.4	27.3
January-13	-	30.8	13.3	82.5	21.3
February-13	-	33.2	16.5	75.3	18.5
March-13	-	37.2	20.0	59.5	11.4

Source : Agricultural Research Station, Bagalkot

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbreed</i>	30801	50000 tons	6.0 lit
<i>Indigenous</i>	395248	19000 tons	1.0 lit
Buffalo			
Crossbreed	275191	77000 tons	2.5 lit
<i>Indigenous</i>			
Sheep			
Crossbreed	-	-	-
<i>Indigenous</i>	671679		
Goats	422988	4000 tons	0.5 lit
Pigs			
<i>Crossbreed</i>	-	-	-
<i>Indigenous</i>	20670	-	-
Rabbits	148	-	-
Poultry			
Hens	-	-	-
<i>Desi</i>	286857	140 lakh (Eggs) & 73000 tons (Meat)	-
<i>Improved</i>	767330	1341 lakh (Eggs) & 73000 tons (Meat)	-
Ducks	-	-	-
Turkey and others	-	-	-

District Statistical Information Office, Bagalkot

Category	Area	Production	Productivity
Fish	-	-	-
<i>Marine</i>	-	-	-
<i>Inland</i>	-	-	-
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

District Statistical Information Office, Bagalkot

2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Bagalkot	Bagalkot	Neeralakeri	2 years	Groundnut	Low yield due to collar rot disease	Integrated Disease management
2.	-	-	-	-	Watermelon	Low yield	Hybrid popularization
3.	Badami	Badami	Asangi, Kottnalli	2 years	Sunflower	Low yield due to powdery mildew disease	Integrated crop management
4.	Badami	Badami	Katapur	2 years	Groundnut	Low yield due to foliar diseases	Variety popularization
5.	Badami	Badami	Mangaluru	3 years	Groundnut	Low yield due to micro nutrient deficiency	Integrated crop management
6.	Hunagund	Hunagund	Basarikatti	3 years	Greengram	Low yield due to foliar diseases	Variety popularization
7.	Bagalkot	Bagalkot	Shirur	3 years	Redgram	Low yield due to pod borer	Integrated crop management
8.	Hunagund	Hunagund	Kodihal	2 years	Bengalgram	Low yield due to pod borer	Integrated crop management
9.	Hunagund	Hunagund	Aihole, Kalligudda, Budihal	3 years	Sorghum	Low yield due to lodging	Integrated crop management
10.	Mudhol	Mudhol	Budni	3 years	Wheat	Low yield due to foliar diseases and micronutrients	Integrated crop management
11.	Bilagi	Bilagi	Lingapur S.K.	3 years	Wheat	Low yield due to foliar diseases and micronutrients	Variety popularization
12.	Badami	Badami	Hulikeri, Kottnalli	2 years	Tomato	Low yield and diseases like TLCV, wilt, early blight	Hybrid popularization
	Bilagi	Bilagi	Teggi, Siddapur, Badagi, Kundaragi,				
	Bagalkot	Bagalkot	Tulasigeri				
	Hunagund	Hunagund	Basarikatti				

13.	Badami	Badami	Kottnalli, Kataginahalli, Asangi,	1 year	Drumstick	Poor yielding varieties	Variety popularization
	Bagalkot	Bagalkot	Ingalagi, Devalapur				
	Hunagund	Hunagund	Kamatagi				
	Bilagi	Bilagi	Siddapur				
14.	Bagalkot	Bagalkot	Mallapur, Kadampur	3 years	Grapes	Low yield due to mites	Integrated pest management
15.	Bagalkot	Bagalkot	Ingalagi	2 years	Banana	Low yield due to less micronutrient use and disease	Integrated crop management (Banana special)
	Bilagi	Bilagi	Sunaga				
	Jamakhandi	Jamakhandi	Terdal Golbhavi				
16.	Bagalkot	Bagalkot	Basarikatti		Guava	Non-availability of pink pulp variety	Variety popularization
17.	Bagalkot	Bagalkot	Nainegali	3 years	Sugarcane	Low yield due to micronutrients	Integrated crop management
18.	Bagalkot	Bagalkot	Udagatti	3 years	Sugarcane	Low yield due to less tillering	Integrated crop management
	Jamakhandi	Jamakhandi	Terdal, Halingali				
19.	Hunagund	Hunagund	Aihole, Golabhavi	2 years	Fodder	Low yield due to use of locally available fodder	Feed and fodder

2.9 Priority thrust areas

Sl. No	Thrust area
1.	Varietal evaluation/ popularization
2.	Cropping system
3.	Integrated Management such as Crop, Pest and Disease
4.	Feed and Fodder
5.	Nutrition Management
6.	Soil and water conservation

PART III - TECHNICAL ACHIEVEMENTS

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

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
02	01	10	05	17	17	220	208

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
51	51	1226	1226	1500	1444	6100	6037

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
171.5	171.5	2800	2800

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
-	-	500 kg	500 kg

3.B1. Abstract of interventions undertaken based on thrust areas identified for the district as given in Sl.No.2.8

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock/ supplements (No.)	Supply of bio products		
													No.	Kg	
1.	Integrated disease management	Groundnut	Low yield due to collar rot disease	Assessment of bio-agents and soil amendments against collar rot in groundnut	-	1	-	-	-	-	-	-	-	-	Trichoderma : 12 kg Neem cake: 5 q. Captan: 6 kg Pseudomonas: 12 kg
2.	Hybrid popularization	Watermelon	Low yield	Assessment of high yielding watermelon hybrid Arka Akash	-	Not conducted for non-availability of watermelon hybrid seeds									
3.	Integrated crop management	Sunflower	Low yield due to powdery mildew disease	-	Integrated crop management in sunflower	2	-	-	-	-	-	-	-	-	Difenconazole, Propiconazole, ZnSO ₄ , FeSO ₄
4.	Variety popularization	Groundnut	Low yield due to foliar diseases	-	Popularization of groundnut variety TAG-24 during summer	2	-	-	-	4.50 q.	-	-	-	-	-
5.	Integrated crop management	Groundnut	Low yield due to micro nutrient deficiency	-	ICM in groundnut under raised bed method	2	-	-	-	3.60 q.	-	-	-	-	-
6.	Variety popularization	Greengram	Low yield due to foliar diseases	-	Popularization of Greengram variety S-4	1	-	-	-	0.50 q.	-	-	-	-	Trichoderma: 5 kg
7.	Integrated crop management	Redgram	Low yield due to pod borer	-	ICM in Redgram	1	-	-	-	-	-	-	-	-	-
8.	Integrated crop management	Bengalgram	Low yield due to pod borer	-	ICM in Bengalgram	1	-	-	-	2.0 q.	-	-	-	-	Trichoderma: 10 kg PSB: 5 kg
9.	Integrated crop management	Sorghum	Low yield due to lodging	-	ICM in Sorghum	1	-	-	-	0.25 q.	-	-	-	-	Trichoderma: 5 kg
10.	Integrated crop management	Wheat	Low yield due to foliar diseases and micronutrients	-	ICM in Wheat	2	-	-	-	8.40 q.	-	-	-	-	-

11.	Variety popularization	Wheat	Low yield due to foliar diseases and micronutrients	-	Popularization of Wheat variety DDK-1029	2	-	-	-	5.40 q.	-	-	-	
12.	Hybrid popularization	Tomato	Low yield and diseases like TLCV, wilt, early blight	-	Introduction of high yielding multiple disease resistant tomato hybrid Arka Samrat	-	-	-	-	Arka Samrat seeds : 315 g. DMT-2 seeds: 500 g	-	-	-	-
13.	Variety popularization	Drumstick	Poor yielding varieties	-	Popularization of drumstick variety Bhagya	-	-	-	-	Bhagya seeds : 1.6 kg				VAM : 10 kg, PSB : 10 kg, Trichoderma: 10 kg
14.	Integrated pest management	Grapes	Low yield due to mites	-	Mite management in Grapes	1								Fenazaquin: 2.5 lit.
15.	Integrated crop management	Banana	Low yield due to less micronutrient use and disease	-	ICM in Banana	-	-	-	-					Banana special: 30 kg. Propiconazole: 3.75 ltr.
16.	Variety popularization	Guava	Non-availability of pink pulp variety	-	Introduction of pink guava variety Arka kiran	-	-	-	-	Grafts requested from IIHR	-	-	-	-
17.	Integrated crop management	Sugarcane	Low yield due to micronutrients	-	ICM in Sugarcane	2	-	-	-	-	-	-	-	Metarrizium anisoplea : 9 kg Phorate: 18 kg PSB: 22.5 kg FeSO ₄ : 90 kg ZnSO ₄ : 90 kg 2-4 D: 9 kg
18.	Integrated crop management	Sugarcane	Low yield due to less tillering	-	Popularization of single eye bud technique in Sugarcane	2	-	-	-	-	12000 sugarcane seedlings	-	-	-
19.	Feed and fodder	Fodder	Low yield due to use of locally available fodder	-	Fodder bank popularization	1	-	-	-	SAT seeds: 1.5 q.	Root slips cutting	-	-	-

3.B2. Details of technology used during reporting period

S.No.	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1.	Assessment of bio-agents and soil amendments against collar rot in groundnut	NBAII, Bangalore	Groundnut	5	-	1	-
2.	Assessment of high yielding watermelon hybrid Arka Akash	IIHR, Bangalore	Watermelon	Not conducted			
3.	Integrated crop management in sunflower	UAS, Dharwad	Sunflower	-	25	2	-
4.	Popularization of groundnut variety TAG-24 during summer	UAS, Dharwad	Groundnut	-	5	2	-
5.	ICM in groundnut under raised bed method	UAS, Dharwad	Groundnut	-	4	2	-
6.	Popularization of Greengram variety S-4	UAS, Dharwad	Greengram	-	10	1	-
7.	ICM in Redgram	UAS, Dharwad	Redgram	-	10	1	-
8.	ICM in Bengalgram	UAS, Dharwad	Bengalgram	-	25	1	Field day : 1
9.	ICM in Sorghum	UAS, Dharwad	Sorghum	-	8	1	
10.	ICM in Wheat	UAS, Dharwad	Wheat	-	28	2	Field day : 1
11.	Popularization of Wheat variety DDK-1029	UAS, Dharwad	Wheat	-	18	2	Field day : 1
12.	Introduction of high yielding multiple disease resistant to tomato hybrid Arka Samrat	IIHR, Bangalore	Tomato	-	16	-	-
13.	Popularization of drumstick variety Bhagya	UHS, Bagalkot	Drumstick	-	22	-	-
14.	Mite management in Grapes	UAS, Dharwad	Grapes	-	5	1	-
15.	ICM in Banana (Banana special)	IIHR, Bangalore	Banana	-	5	-	-
16.	Introduction of pink guava variety Arka kiran	IIHR, Bangalore	Guava	-	-	-	-
17.	ICM in Sugarcane	UAS, Dharwad	Sugarcane	-	9	2	-
18.	Popularization of single eye bud technique in Sugarcane	UAS, Dharwad	Sugarcane	-	6	2	-
19.	Fodder bank popularization	UAS, Dharwad	Fodder	-	10	1	-

3.B2 contd..

	No. of farmers covered															
	OFT				FLD				Training				Others (Specify)			
	General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1.	4	1	-	-	-	-	-	23	-	4	-	-	-	-	-	
2.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.	-	-	-	-	20	1	4	31	10	5	3	-	-	-	-	
4.	-	-	-	-	5	-	-	23	-	3	-	-	-	-	-	
5.	-	-	-	-	4	-	-	21	-	2	-	-	-	-	-	
6.	-	-	-	-	9	-	1	35	-	1	-	-	-	-	-	
7.	-	-	-	-	8	-	2	19	-	4	-	-	-	-	-	
8.	-	-	-	-	20	-	5	33	-	-	-	32	-	6	-	
9.	-	-	-	-	6	-	2	25	-	-	-	-	-	-	-	
10.	-	-	-	-	19	4	5	38	5	2	1	14	-	15	-	
11.	-	-	-	-	7	2	9	32	2	10	3	30	-	-	-	
12.	-	-	-	-	8	1	7	-	-	-	-	-	-	-	-	
13.	-	-	-	-	15	1	6	-	-	-	-	-	-	-	-	
14.	-	-	-	-	3	-	2	12	-	-	-	-	-	-	-	
15.	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	
16.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17.	-	-	-	-	7	-	2	28	-	-	-	-	-	-	-	
18.	-	-	-	-	5	-	1	36	-	4	-	-	-	-	-	
19.	-	-	-	-	8	2	-	15	-	2	-	-	-	-	-	

PART IV - On Farm Trial

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Disease Management	-	01	-	-	-	-	-	-	-	01
Total	-	01	-	-	-	-	-	-	-	01

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Total	-	-	-	-	-	-	-	-	-	-

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
TOTAL	-	-	-	-	-	-

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
TOTAL	-	-	-	-	-	-

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Disease Management	Groundnut	Assessment of bio-agents and soil amendments against collar rot disease in groundnut	05	05	0.20
Total			05	05	0.20

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

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha Per trail covering all the Technological Options)
Total	-	-	-	-	-

4.B.3. Technologies assessed under Livestock and other enterprises : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Total				

4.B.4. Technologies Refined under Livestock and other enterprises : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Total				

4.C1. Results of Technologies Assessed

1. Assessment of bio-agents and soil amendments against collar rot disease in groundnut

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Groundnut	Irrigated	Low yield, Collar rot disease	Assessment of bio-agents and soil amendments against collar rot disease in groundnut	5	Bio-agents and soil amendments against collar rot disease	PDI	5.20 %	27 % increase in yield	Lower disease incidence and higher yield	No	-

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
Technology option 1 : Seed treatment with Captan @ 2.5 g/kg seeds	-	19.10	q/ha	55,950/-	2.69
Technology option 2 : Seed treatment with Trichoderma 4 g/kg seeds	UAS, Dharwad	21.60	q/ha	67,200/-	2.86
Technology option 3 : Seed treatment with Trichoderma 4 g/kg seeds + soil treatment with pseudomonas fluorescens @ 2.5 kg/ha and Neem cake @ 2.5 q/ha	NBAII, Bangalore	24.20	q/ha	78,900/-	3.11

4.D.2. Details of each On Farm Trial for refinement to be furnished in the following format separately as per the following details

- Title of Technology Assessed : Assessment of bio-agents and soil amendments against collar rot disease in groundnut
- Problem Definition : Low yield and Collar rot disease
- Details of technologies selected for assessment : Seed treatment with Captan Trichoderma 4 g/kg seeds + soil treatment with pseudomonas fluorescens @ 2.5 kg/ha and Neem cake @ 2.5 q/ha
- Source of technology : NBAII, Bangalore
- Production system and thematic area : Irrigated / IDM
- Performance of the Technology with performance indicators : Higher yield with lesser incidence of disease
- Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : Basically disease is soil borne. Hence, soil application of bio-agents and organic amendments plays very important role for managing the disease
- Final recommendation for micro level situation : Can be recommended
- Constraints identified and feedback for research : Lack of awareness about use of organic amendments and bio-agents
- Process of farmers participation and their reaction : Farmers feels that for adapting the technology against soil borne disease found better yield

2. Assessment of high yielding watermelon hybrid : Not conducted due to non-availability of seeds

4.D1. Results of Technologies Refined : Nil

Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology refined	Parameters of refined t	Data on the parameter	Results of refinement	Feedback from the farmer	Details of refinement done
1	2	3	4	5	6	7	8	9	10	11

Contd..

Technology Refined	Source of Technology for Technology Option1 / Justification for modification of assessed Technology Option 1	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13		14	15	16	17
Technology Option 1 (best performing Technology Option in assessment)					
Technology Option 2 (Modification over Technology Option 1)					
Technology Option 3 (Another Modification over Technology Option 1)					

4.D.2. Details of each On Farm Trial for refinement to be furnished in the following format separately as per the following details

1. Title of Technology refined
2. Problem Definition
3. Details of technologies selected for refinement
4. Source of technology
5. Production system and thematic area
6. Performance of the Technology with performance indicators
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques
8. Final recommendation for micro level situation
9. Constraints identified and feedback for research
10. Process of farmers participation and their reaction

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2012-13

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1.	Oilseeds	Rainfed	Kharif 2012	Sunflower	-	KBSH-53	ICM	ICM	10.0	10.0	4	21	25	-
		Irrigated	Rabi/ Summer 2012-13	Groundnut	TAG-24	-	Variety popularization	Variety popularization	5.0	5.0	-	5	5	-
		Irrigated	Summer 2013	Ground nut	GPBD-4	-	ICM	ICM with raised bed	4.0	4.0	-	4	4	-
2.	Pulses	Rainfed	Kharif 2012	Greengram	S-4	-	Variety popularization	Variety popularization	4.0	4.0	1	9	10	Vitiated due to deficit rainfall
		Rainfed	Kharif 2012	Redgram	TS 3R	-	ICM	ICM	4.0	4.0	2	8	10	-
		Rainfed	Rabi 2012	Bengalgram	JG-11	-	ICM	ICM	10.0	10.0	5	20	25	-
3.	Cereals	Rainfed	Rabi 2012	Sorghum	M 35-1	-	ICM	ICM	4.0	4.0	2	6	8	-
		Irrigated	Rabi 2012	Wheat	UAS 304	-	ICM	ICM	10.0	10.0	5	23	28	-
		Irrigated	Rabi 2013	Wheat	DDK 1029	-	Variety popularization	Variety popularization	8.0	8.0	9	9	18	-
4.	Vegetables	Irrigated	Summer 2013	Tomato	-	Arka samrat	Hybrid popularization	Hybrid popularization	3.2	3.2	7	9	16	-
		Irrigated	Kharif 2012	Drumstick	Bhagya	-	Variety popularization	Variety popularization	6.00	6.00	6	16	22	-
5.	Fruits	Irrigated	Rabi/ Summer 2012-13	Grapes	Sonaka	-	IPM	Mite management	2.0	2.0	2	3	5	-
		Irrigated	Kharif 2012	Banana	G-9	-	ICM	ICM (Banana special)	1.00	1.00	-	5	5	-
		Irrigated	Kharif 2012	Guava	-	Arka kiran	Variety popularization	Variety popularization	1.00	-	-	-	-	Waiting for supply of grafts
6.	Spices and condiments	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Commercial	Irrigated	Kharif 2012	Sugarcane	Co. 86032	-	ICM	ICM	4.0	4.0	2	7	9	-
		Irrigated	Kharif 2012	Sugarcane	Co. 86032	-	ICM	Single eye bud technique	2.0	2.0	1	5	6	-
8.	Fodder	Irrigated	Kharif 2012	South African tall, Lucerne, Hybrid napier	-	-	Feed and Fodder	Fodder bank popularization	4.0	4.0	-	10	10	-

5.A. 1. Soil fertility status of FLDs plots during 2012-13

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Status of soil			Previous crop grown
									N	P	K	
1.	Oilseeds	Rainfed	Kharif 2012	Sunflower	-	KBSH-53	ICM	ICM	Medium	Medium	High	Bengalgram
		Irrigated	Rabi/ Summer 2012-13	Groundnut	TAG-24	-	Variety popularization	Variety popularization	Medium	Medium	Low	Maize
		Irrigated	Summer 2013	Groundnut	GPBD-4	-	ICM	ICM with raised bed	Medium	Medium	Low	Maize
2.	Pulses	Rainfed	Kharif 2012	Greengram	S-4	-	Variety popularization	Variety popularization	Medium	Medium	High	Jowar
		Rainfed	Kharif 2012	Redgram	TS 3R	-	ICM	ICM	Medium	Medium	High	Jowar
		Rainfed	Rabi 2012	Bengalgram	JG-11	-	ICM	ICM	Medium	Medium	High	Sunflower
3.	Cereals	Rainfed	Rabi 2012	Sorghum	M 35-1	-	ICM	ICM	Medium	Medium	Medium	Sunflower
		Irrigated	Rabi 2012	Wheat	UAS 304	-	ICM	ICM	Medium	Medium	High	Maize
		Irrigated	Rabi 2012	Wheat	DDK 1029	-	Variety popularization	Variety popularization	Medium	Medium	High	Maize
4.	Vegetables	Irrigated	Summer 2013	Tomato		Arka samrat	Hybrid popularization	Hybrid popularization	Medium	Medium	Medium	Vegetables
		Irrigated	Kharif 2012	Drumstick	Bhagya	-	Variety popularization	Variety popularization	Medium	Medium	Medium	Vegetables
5.	Fruits	Irrigated	Rabi/ Summer 2012-13	Grapes	Sonaka		IPM	Mite management	Medium	Medium	High	-
		Irrigated	Kharif 2012	Banana	G-9		ICM	ICM	Medium	Medium	Low	-
		Irrigated	Kharif 2012	Guava		Arka kiran	Variety popularization	Variety popularization	-	-	-	-
6.	Spices and condiments			-	-	-	-	-	-	-	-	-
7.	Commercial	Irrigated	Kharif 2012	Sugarcane	Co. 86032	-	ICM	ICM	Medium	Medium	High	Sugarcane
		Irrigated	Kharif 2012	Sugarcane	Co. 86032	-	ICM	Single eye bud technique	Medium	Medium	High	Sugarcane
8.	Fodder	Irrigated	Kharif 2012	South African tall, Lucerne, Hybrid napier	-	-	Feed and Fodder	Fodder bank popularization	-	-	-	-

5.B. Results of Frontline Demonstrations

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo.	Area (ha)	Yield (q/ha)				% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo			Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Oilseeds																			
Sunflower	ICM	-	KBSH-53	Kharif	25	10.0	14.30	12.00	10.30	8.60	19.8	10800	30900	20100	2.86	12300	25800	13500	2.10
Groundnut	Variety popularization	TAG-24	-	Rabi/Summer	5	5.0	27.40	23.60	24.90	21.20	17.5	32100	105000	72900	3.27	31600	91200	59600	2.89
Ground nut	ICM with raised bed	GPBD-4	-	Summer	4	4.0	29.10	24.50	26.20	22.80	14.4	34300	110580	76280	3.22	32100	94240	62140	2.94
Pulses																			
Greengram	Variety popularization	S-4	-	Kharif	10	4.0	Vitiated due to deficit rainfall												
Redgram	ICM	TS 3R	-	Kharif	10	4.0	12.0	10.80	11.00	9.10	20.9	16500	38500	22000	2.33	14400	26250	11850	1.82
Bengalgram	ICM	JG-11	-	Rabi	25	10.0	12.70	10.5	12.30	9.90	24.3	13050	39360	26350	3.02	13200	29120	15920	2.21
Cereals																			
Sorghum	ICM	M 35-1	-	Rabi	8	4.0	18.10	14.90	15.60	14.30	9.09	9100	39000	29900	4.28	8050	28500	20450	3.54
Wheat	ICM	UAS 304	-	Rabi	28	10.0	39.50	29.80	38.50	31.80	21.1	21500	65450	43950	3.04	21800	54060	32260	2.48
Wheat	Variety popularization	DDK 1029	-	Rabi	18	8.0	34.20	28.10	32.60	27.40	18.9	19300	69730	50430	3.61	16800	52060	35260	3.10
Vegetables																			
Tomato	Hybrid popularization	-	Arka samrat	Summer	16	3.2	267.3	178.9	224.26	134.87	66.8	45039	112129	67090	2.49	41968	67435	25467	1.61
Drumstick	Variety popularization	Bhagya	-	Kharif	22	6.0	Under progress												
Fruits																			
Grapes	Mite management	Sonaka	-	Rabi/Summer	5	2.0	24.0	18.0	23.00	17.5	31.4	204000	690000	494000	3.38	185000	525000	340000	2.84
Banana	ICM	G-9	-	Kharif	5	1.0	Under progress												
Guava	Hybrid popularization	-	Arka kiran	Kharif	2	1.0	Under Progress												
Spices and condiments																			
Commercial																			
Sugarcane	ICM	Co-86032	-	Kharif	9	4.0	Under Progress												
Sugarcane	Single eye bud technique	Co-86032	-	Kharif	6	2.0	Under Progress												
Fodder																			
Fodder	Fodder bank popularization	South African tall, Hybrid napier, Lucerne	-	Kharif	10	4.0			34.0	-	-	28400	69200	40800	2.44	-	-	-	-

Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/diseases etc.)

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Check
Introduction of high yielding multiple disease resistant tomato hybrid Arka Samrat		
Leaf curl virus incidence (%)	-	40
Bacterial wilt (%)	-	10
Early blight (%)	-	20
Integrated crop management in sunflower		
Powdery mildew disease incidence (%)	12.80	38.6
Popularization of groundnut variety TAG-24 during summer		
PBND incidence (%)	4.80	15.60
Sclerotium wilt	10.70	20.10
ICM in groundnut under raised bed method		
Sclerotium wilt (%)	5	20
ICM in Redgram		
Pod borer incidence (%)	12.60	22.80
Wilt incidence (%)	10.30	26.90
ICM in Bengalgram		
Pod borer incidence (%)	10.10	30.70
Wilt incidence (%)	9.20	28.10
ICM in Sorghum		
Charcoal rot (%)	5	20
ICM in Wheat		
Rust (%)	4.60	34.70
Popularization of Wheat variety DDK-1029		
Height of the plant	110 cm	120 cm
No. of tillers	16	12
Mite management in Grapes		
Mite incidence (%)	8.20	15.20

5.B.2. Livestock and related enterprises: Nil

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (q/ha)			% Increase	*Economics of demonstration Rs./unit)				*Economics of check (Rs./unit)					
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A											

Data on additional parameters other than yield (viz., reduction of percentage diseases, increase in conceiving rate, inter-calving period etc.) : Nil

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Check if any

5.B.3. Fisheries

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

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

Data on other parameters in relation to technology demonstrated		
Parameter with unit	Demo	Check if any

5.B.4. Other enterprises : Nil

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m ² }	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m ²)				*Economics of check (Rs./unit) or (Rs./m ²)					
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A											

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

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

PART VII. TRAINING

7.A.. Training of Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Cropping Systems	5	123	0	123	45	0	45	168	0	168
Integrated Crop Management	2	29	0	29	8	0	8	37	0	37
Seed treatment	1	12	7	19	0	0	0	12	7	19
Horticulture										
a) Vegetable Crops										
Organic farming in Sapota	1	25	0	25	6	0	6	31	0	31
b) Fruits	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Soil and water testing	1	5	0	5	0	0	0	5	0	5
Livestock Production and Management										
Dairy Management	1	6	0	6	4	0	4	10	0	10
Poultry Management	1	14	0	14	6	0	6	20	0	20
Plant Protection										
Integrated Pest and Disease Management	6	64	20	84	65	9	74	129	29	158
Production of Inputs at site										
Seed Production	1	32	0	32	0	0	0	32	0	32
Capacity Building and Group Dynamics										
Agro-forestry										
Integrated Farming Systems	5	0	0	0	59	2	61	59	2	61
TOTAL	24	310	27	337	193	11	204	503	38	541

7.B Training of Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	4	93	1	94	17	0	17	110	1	111
Seed treatment	2	32	7	39	2	0	2	34	7	41
Horticulture	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Agro-forestry										
Integrated Farming Systems	5	0	0	0	65	6	71	65	6	71
TOTAL	11	125	8	133	84	6	90	209	14	223

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Protected cultivation of vegetable crops	1	27	0	27	0	0	0	27	0	27
Seed production	2	43	15	58	14	7	21	57	22	79
Vermi-culture	1	2	18	20	0	6	6	2	24	26
Increasing production and productivity of crops	2	75	0	75	11	0	11	86	0	86
Seed treatment	2	46	0	46	14	0	14	60	0	60
Disease management	1	4	1	5	7	2	9	11	3	14
Role of KVKs to the farming community	2	32	0	32	8	0	8	40	0	40
TOTAL	11	229	34	263	54	15	69	283	49	332

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Soil and water testing	2	49	0	49	2	0	2	51	0	51
Seed treatment	1	32	0	32	3	0	3	35	0	35
TOTAL	3	81	0	81	5	0	5	86	0	86

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	19	4	23	4	1	5	23	5	28
Plant protection measures in oil seeds and pulses	1	15	1	16	0	0	0	15	1	16
Total	2	34	5	39	4	1	5	38	6	44

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Total	-	-	-	-	-	-	-	-	-	-

7.G. Sponsored training programmes conducted

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
	Total	2	75	0	75	11	0	11	86	0	86

Details of sponsoring agencies involved

1. Karnataka State Department of Agriculture, Bagalkot

2. NABARD, Bagalkot

7.H. Details of Vocational Training Programmes carried out by KVKs for rural youth : Nil

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
	Grand Total	-	-	-	-	-	-	-	-	-	-

PART VIII – EXTENSION ACTIVITIES**Extension Programmes (including extension activities undertaken in FLD programmes)**

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	4	111	-	111	21	-	21	5	-	5
Rabi Field day	1	650	250	900	-	-	-	31	4	35
Exhibition	6	1500	800	2300	4	-	4	25	5	30
Film Show	3	46		46	7	-	7	-	-	0
Method Demonstrations	3	80	35	115	-	-	-	5	-	5
Group meetings	8	150	35	185	17	6	23	4	1	5
Lectures delivered as resource persons	40	480	105	585	55	24	79	40	18	58
Newspaper coverage	8	-	-	-	-	-	-	-	-	-
Radio talks	4	-	-	-	-	-	-	2	-	2
TV talks	9	-	-	-	-	-	-	3	-	3
Popular articles	2	-	-	-	-	-	-	2	-	2
Extension Literature	4	-	-	-	-	-	-	6	-	6
Advisory Services (through phone)	554	365	82	447	55	26	81	19	7	26
Scientific visit to farmers field	170	106	19	125	22	9	31	11	3	14
Farmers visit to KVK	612	386	96	482	78	31	109	12	9	21
Diagnostic visits	15	60	20	80	30	20	50	13	7	20
Any Other (Technology week)	1	53	-	53	-	-	-	5	1	6
Total	1444	3987	1442	5429	289	116	405	183	55	238

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Jowar	M 35-1	-	55.0	3,02,500/-	KVK all produce sent to SOS (Seeds), UAS, Dharwad
	Wheat	DWR-195	-	13.0	41,600/-	
Oil seeds	Soybean	JS-335	-	57.0	3,53,400/-	
Pulses	Bengalgram	JG-11	-	45.0	3,60,000/-	
Commercial crops						
Vegetables	Onion	Arka Kalyan	-	2.25	1,23,750/-	
Total	-	-	-	172.25	11,81,250/-	-

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Fodder crop saplings	Fodder	-	Hybrid Napier	2800	2,800/-	01
Total	-	-	-	2800	2,800/-	-

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Agents	Trichoderma	500	50,000/-	-
Total		500	50,000/-	

9.D. Production of livestock materials : Nil

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals	-	-	-	-
Poultry	-	-	-	-
Piggery	-	-	-	-
Fisheries	-	-	-	-

PART X – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND DROUGHT MITIGATION

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers	ICTs for agricultural extension : A study in Bagalkot district of Karnataka state, India	Yenagi, B. S., Yadahalli, K.B., Gurumurthy, R. and Krishna Naik, L.,	Proceedings of Agro-Informatics and Precision Agriculture, 2012 (AIPA 2012) held from 1-3 August 2012 at Hyderabad, India, PP 30-35
	Impact of ICT on the yield of sugarcane in Northern Karnataka	Yenagi, B. S., Yadahalli, K. B., Belli, R. B. and Krishna Naik, L.	Proceedings of Agro-Informatics and Precision Agriculture, 2012 (AIPA 2012) held from 1-3 August 2012 at Hyderabad, India, PP 346-348
Technical reports	-	-	-
News letters	KVK News letter	Programme Co-ordinator and Subject Matter Specialists	1 Number, 500 copies April 2012-June 2012
			1 Number, 500 copies July 2012-Dec 2012
			1 Number, 500 copies January 2013-March 2013
Technical bulletins	-	-	-
Popular articles	ಸೂರ್ಯಕಾಂತಿ - ಹೆಚ್ಚಿನ ಇಳುವರಿಗೆ ಮಾರ್ಗೋಪಾಯಗಳು	B. S. Yenagi,	Annadata, July 2012 PP 8-12
	ಗೋವಿನ ಜೋಳದಲ್ಲೊಂದು ರೈತರ ಯಶೋಗಾಥೆ	B.S.Yenagi, K.B. Yadahalli	Krishi Munnade, 29(2) PP 29-30
Extension literature (Folders)	Advantages of using biofertilizers in agriculture	K.B. Yadahalli, P.S. Pattar, R.M. Hosamani, R. Veeranna, S.C. Angadi	1000 copies
	Importance of vermicompost	K.B. Yadahalli, P.S. Pattar, R.M. Hosamani, R. Veeranna, S.C. Angadi	1000 copies
	Root grub management in sugarcane	R. Veeranna, K.B. Yadahalli, P.S. Pattar, R.M. Hosamani, S.C. Angadi	1000 copies
	Micronutrient deficiency symptoms and management in horticultural crops	S.C. Angadi, K.B. Yadahalli, R.M. Hosamani, R. Veeranna	1000 copies
Others (Television)	Foot and mouth disease control measures in Sheep	Dr. Umesh B. U.	Telecastd in E-TV Kannada, April 2012
	Importance of green fodder	Dr. Umesh B. U.	Telecastd in SAMAY-TV, May 2012
	Major pests of greengram and their management	Dr. R. Veeranna	Telecastd in E-TV Kannada, July 2012

	Management of necrosis and powdery mildew diseases in Sunflower	Dr. K. B. Yadahalli	Telecastd in E-TV Kannada, Dec. 2012
	Major pests of greengram and their management	Dr. R. Veeranna	Telecastd in E-TV Kannada, Dec.r 2012
	Management of collar rot in groundnut	Dr. K. B. Yadahalli	Telecastd in E-TV Kannada, Jan. 2013
	Management of pests and diseases in drumstick	Dr. R. Veeranna	Telecastd in E-TV Kannada, Jan. 2013
	Pest management in sunflower	Dr. R. Veeranna	Telecastd in E-TV Kannada, Feb. 2013
	Pests of mango and their control measures	Dr. R. Veeranna	Telecastd in E-TV Kannada
Others (Radio talks)	Disease management in Kharif crops	Dr. K. B. Yadahalli	Broadcasted in AIR, Dharwad on 25-08-2012
	Activities of KVK, Bagalkot	Dr. K. B. Yadahalli	Broadcasted in AIR, Dharwad on 07-10-2012
	Improved cultivation techniques in tomato	Dr. R.M.Hosamani	Broadcasted in AIR, Bijapur on 28-10-2012
	Activities of KVK, Bagalkot	Dr. K. B. Yadahalli	Broadcasted in AIR, Bijapur on 10-01-2013
TOTAL			

10.B. Details of Electronic Media Produced : Nil

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

10.C. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period) : Nil

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

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

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
	-	-	-

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

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

10.G. Field activities

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

10.H. Activities of Soil and Water Testing Laboratory : Laboratory was established under Govt. of Karnataka grants during 2009

Status of establishment of Lab :

1. Year of establishment :
2. List of equipments purchased with amount :

Sl. No	Name of the Equipment	Qty.	Cost
1	-	-	-
Total		-	-

Details of samples analyzed so far since establishment of SWTL: (2005-16 to 2012-13)

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	2138	2135	763	2,23,000/-
Water Samples	621	619	377	62,500/-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	2759	2754	1140	2,85,500/-

Details of samples analyzed during the 2012-13

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	395 + 120 (FLD)	515	290	48,700/- + 12,000/- (FLD)
Water Samples	305	303	241	30,900/-
Plant samples	-	-	-	-
Manure samples	-	-	-	-
Others (specify)	-	-	-	-
Total	820	818	531	91,600/-

10.I. Technology Week celebration during 2012-13 Yes/No, If Yes

Period of observing Technology Week: From 28-01-2013 To 02-02-2013

Total number of farmers visited : 53

Total number of agencies involved : 4

Number of demonstrations visited by the farmers within KVK campus : 10

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	2	53	Wheat, Greengram, Bengalgram production technology and Integrated Farming System
Lectures organized	6	53	Agronomy, Horticulture, Plant disease management, Plant insect management, Seed production and Livestock management
Exhibition	1	53	Depiction of production technology of major crops of the district and IG activities
Film show	3	53	District agriculture scenario, Production technology of major crops, IG activities and Livestock management
Farm Visit	6	53	Visit to seed production plots of Wheat, Bengalgram, Jowar, Onion and Fodder slips
Fair	-	-	-
Diagnostic Practicals	6	53	Nutrient deficiency in different crops, identification of insect and pests, identification and selection of bold and viable seeds and Striga management in sugarcane

PART XI. IMPACT

11.A. Impact of KVK activities (Not to be restricted for reporting period)

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
SSI Method in Sugarcane	40	40	70,000/ha	1,10,000/ha
ICM in Sugarcane	100	60	80,000/ha	1,20,000/ha
ICM in Wheat	80	60	40,000/ha	60,000/ha
ICM in Chickpea	60	40	30,000/ha	45,000/ha
ICM in Groundnut	80	50	30,000/ ha	35,000/ ha
ICM in Chickpea	75	50	35,000/ ha	40,000/ ha
Row spacing in Sugarcane (4 ft) and intercrops	200	60	40,000/ ha	60,000/ ha
Residue management in ratoon cane	210	40	35,000/ ha	50,000/ ha
Wider spacing in rainfed sunflower	80	30	20,000/ ha	25,000/ ha
ICM in Sunflower	120	40	25,000/ ha	30,000/ ha
INM in Maize	60	50	40,000/ ha	45,000/ ha
Introduction of high yielding improved Dicocum wheat varieties	200	80	40,000/ ha	50,000/ ha
Adoption of new onion variety Arka Kalyan	100	70	20,000/ ha	25,000/ ha
Improved livestock management	80	40	2,500/ cow	4,500/ cow
Azolla cultivation and feeding	70	30	2,000/ cow	2,500/ cow
Popularization of fodder varieties	120	65	1,200/animal	1,800/animal
Seed production	15	100	8,000/Acre	15,000/Acre
Grading of Onion bulbs	5	100	16,000/ ha	20,000/ ha
Application of pre emergence weedicide in Sugarcane	80	60	50,000/ ha	55,000/ ha
Micronutrient application in Sugarcane	50	70	80,000/ ha	1,00,000/ ha

11.B. Cases of large scale adoption : Nil

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Integrated crop management in sunflower	60	40	20,000/ha	25,000/ha
Popularization of groundnut variety TAG-24 during summer	80	60	25,000/ha	30,000/ha
ICM in groundnut under raised bed method	40	30	20,000/ha	25,000/ha
ICM in Redgram	40	40	18,000/ha	26,000/ha
ICM in Bengalgram	60	50	30,000/ha	35,000/ha
ICM in Sorghum	70	40	16,000/ha	20,000/ha
ICM in Wheat	120	60	35,000/ha	40,000/ha
Popularization of Wheat variety DDK-1029	150	80	30,000/ha	35,000/ha
ICM in Onion	150	60	41,000/ha	56,000/ha
Mite management in Grapes	25	40	3,40,000/ha	4,94,000/ha
ICM in Sugarcane	150	70	70,000/ha	1,00,000/ha
Popularization of single eye bud technique in Sugarcane	80	60	60,000/ha	80,000/ha
Fodder bank popularization	40	60	1,000/animal	1,600/animal

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
University of Agricultural Sciences, Dharwad	Technical Resource / Guidance
University of Horticultural Sciences, Bagalkot	Technical Resource / Guidance
Karnataka State Department Of Agriculture	Identification of beneficiaries for trainings and joint diagnostic survey, Meetings
Agriculture Research Station	Technical Resource and exposure visits
Karnataka State Department Of Horticulture	Joint diagnostic survey, Meetings, Trainings to the farmers and extension functionaries, implementation of NHM activities, NHB
Karnataka State Forest Department	Joint diagnostic survey, Meetings, Trainings, Participation in Vanamahotsava etc.,
Syndicate bank Bagalkot (Lead Bank)	SHGs, Financial assistance
SBM Bagalkot	SHGs, Financial assistance
SBI Bagalkot	SHGs, Financial assistance
Corporation Bank Bagalkot	SHGs, Financial assistance,
District statistical department	Statistical data collection
All higher secondary schools and collages	Trainings and extension activities (Youths)
District Social forestry office	Integrated waste land development programme, JFPM project, Meetings
NABARD	Agriculture and rural credit assistance, Farmers club
Pest control of India	Supply of bio-control agents
Irrigation department	Soil and water conservation
Sericulture department	Technical resource, Identification of beneficiaries for trainings and joint diagnostic survey, Meetings
Animal Husbandry	Technical assistance, IFS
BEC STEP	Technical assistance in post harvest technology
RUDSET	Assistance in taking entrepreneurship
BASIX (NGO)	Technical Resource / Guidance, Technical assistance to farmers
SEARCH	Technical Resource / Guidance, Technical assistance to farmers
OUTREACH	Technical Guidance and Seed production
IGFRI, Dharwad	Fodder seed production
Sugar Factories in the district	Technical Resource / Guidance, Technical assistance to Extension personnel and farmers
JSYS, Bagalkot	Technical assistance and training
Karnataka Milk Federation, Bagalkot	Technical assistance and training
Karnataka Farmers Resource Centre, Bagalkot	Technical assistance and training

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

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Establishment of Bio control laboratory	July 2006	Karnataka State Department of Horticulture, GoK	20,00,000=00
Empowerment of SC farmers through Integrated Farming System	2009	Department of Social Welfare, GoK	32,25,000=00
Empowerment of ST farmers through Integrated Farming System	2009	Department of Social Welfare, GoK	13,06,888=00
Amla Campaign	2010	KAMPA, Bangalore	6,27,000=00

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district?

- Yes

If yes, role of KVK in preparation of SREP of the district ?

The SREP has been prepared and the programme is implemented since 2008.

Coordination activities between KVK and ATMA during 2012-13

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings	-	-	-	-
02	Research projects	Management of root grub in sugarcane in selected talukas of Bagalkot district	2	1	Being initiated
03	Training programmes	-	-	-	-
04	Demonstrations	-	-	-	-
05	Extension Programmes	-	-	-	-
06	Publications				
	Books	Production technology of groundnut	-	-	-
		Management of ratoon sugarcane	-	-	-
07	Other Activities (Pl. specify)	-	-	-	-

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

S. No.	Programme	Nature of linkage	Funds received if any Rs. in lakhs	Expenditure during the reporting period (Apr 2012 to Mar 2013) in Rs.	Constraints if any
1	Plant Health Clinic	K.S.D.H.	20.00	1,18,896/-	-

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

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks

12.F. Details of linkage with RKVY : Nil

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks

12. G Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
April 2012	3	2143	15
May 2012	-	-	-
June 2012	13	2143	54
July 2012	5	2533	28
August 2012	9	2535	36
September 2012	5	2535	45
October 2012	6	2535	32
November 2012	1	2535	8
December 2012	-	-	-
January 2013	-	-	-
February 2013	-	-	-
March 2013	-	-	-

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1.	Dairy Unit	2011-12	0.08	-	-	3671.81 litre/ annum	63,255/-	1,08,355/-	-
2.	Shade net	2011-12	0.08	-	-	-	-	-	Conducted in 2012-13 with increased area

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Jowar	14-10-12	14-3-13	4.0	M 35-1	Foundation seeds	55 q.	38,000/-	2,64,500/-	
Wheat	7-11-12	15-3-13	0.8	DWR-195	Foundation seeds	13 q.	5,500/-	36,100/-	-
Oilseeds									
Soybean	20-6-12	28-9-12	4.8	JS-335	Breeder seeds	57 q.	70,000/-	2,83,400/-	-
Pulses									
Bengalgram	25-10-12	31-1-13	4.0	JG-11	Breeder seeds	45 q.	32,000/-	3,28,000/-	
Vegetables									
Onion	13-12-12	18-4-13	2.0	Arka Kalyan	Certified seeds	2.25 q.	28,000/-	1,23,750/-	

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Trichoderma	500 kg	20,000/-	50,000/-	-

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)/annum		Remarks
		Breed	Type of Produce	Qty./ annum	Cost of inputs	Gross income	
1.	Dairy	HF crossbreed	Milk	3671.81 litre/ annum	63,255/-	1,08,355/-	-

13.E. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 2012	-	-	-
May 2012	-	-	-
June 2012	25	6 days	-
	49	6 days	-
	18	3 days	-
	33	1 day	-
July 2012	-	-	-
August 2012	-	-	-
September 2012	-	-	-
October 2012	-	-	-
November 2012	-	-	-
December 2012	-	-	-
January 2013	106	2 days	-
February 2013	-	-	-
March 2013	-	-	-

13.F. Database management

S. No	Database target	Database created
1	Training database	Training database
2	KMAS-SMS database	KMAS-SMS Database
3	Soil and Water testing reports database	Soil and Water testing reports database

13.G. Details on Rain Water Harvesting Structure and micro-irrigation system : NA

Amount sanction (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
-	-	-	-	-	-	-	-	-	-

PART XIV - FINANCIAL PERFORMANCE**14.A. Details of KVK Bank accounts**

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	SBI	Bagalkot	812	SB	11029264052	587002002	SBIN0000812
With KVK	SBI	Bagalkot	812	SB	11029264052	587002002	SBIN0000812

14.B. Utilization of KVK funds during the year 2012-13 (Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	52,00,000/-	52,00,000/-	57,65,971/-
2	Traveling allowances	1,50,000/-	1,50,000/-	1,49,482/-
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2,50,000/-	2,50,000/-	2,45,781/-
B	POL, repair of vehicles, tractor and equipments	1,50,000/-	1,50,000/-	1,54,234/-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	70,000/-	70,000/-	45,400/-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	70,000/-	70,000/-	69,631/-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3,00,000/-	3,00,000/-	2,75,742/-
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	35,000/-	35,000/-	14,180/-
G	Training of extension functionaries	20,000/-	20,000/-	4,431/-
H	Maintenance of buildings	20,000/-	20,000/-	19,796/-
I	Extension Activities	20,000/-	20,000/-	19,412/-
J	Farmer's Field School	25,000/-	25,000/-	20,542/-
K	Library (Purchase of Journal, Periodicals, News paper and Magazines)	5,000/-	5,000/-	5,000/-
TOTAL (A)		63,15,000/-	63,15,000/-	67,89,602/-
B. Non-Recurring Contingencies				
1	Works	-	-	-
2	Equipments including SWTL & Furniture	-	-	-
3	Vehicle (Four wheeler/Two wheeler, please specify)	-	-	-
4	Library (Purchase of assets like books & journals)	-	-	-
TOTAL (B)		-	-	-
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		63,15,000/-	63,15,000/-	67,89,602/-

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2010 to March 2011	2,19,719=80	4,35,002=00	6,07,773=00	46,948=80
April 2011 to March 2012	46,948=80	18,96,722=00	12,09,893=00	7,33,777=80
April 2012 to March 2013	7,33,777=80	19,63,106=00	18,43,235=00	8,53,648=80

15. Details of HRD activities attended by KVK staff during 2012-13

Sl. No.	Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
1	Dr. R. Veeranna	SMS (Plant Protection)	IV National symposium on plant protection in horticultural crops	IIHR, Bangalore	25-04-2012 to 28-04-2012
2	Dr. K. B. Yadahalli	Programme Co-ordinator	Role of KVKs in implementation of ATMA activities	UAS, Dharwad	29-06-2012 to 30-06-2012
3	Dr. R. Veeranna	SMS (Plant Protection)	Winter School on Modern approaches in diagnostics and management of pest and diseases in vegetable crops under protected conditions	IIVR, Varanasi	15-11-2012 to 25-11-2012
4	Dr. K. B. Yadahalli	Programme Co-ordinator	Annual workshop on 7 th National conference of KVKs	PAU, Ludhiana	20-11-2012 to 23-11-2012
5	Dr. R. M. Hosamani	SMS (Horticulture)	Winter School on Protected cultivation	UAS, Dharwad	04-12-2012 to 24-12-2012
6	Dr. R. M. Hosamani	SMS (Horticulture)	Use of Agropedia, KVK and KVK-net in agriculture	UAS, Dharwad	06-12-2012
	Dr. R. Veeranna	SMS (Plant Protection)			
	Smt. S. N. Galagali	Prog. Asst. (Computer)			
7	Dr. R. M. Hosamani	SMS (Horticulture)	Fifth International symposium on Human health effects of fruits and vegetables	UAS, Dharwad	07-01-2013 to 11-01-2013
8	Dr. R. Veeranna	SMS (Plant Protection)	Orientation programme for Front line demonstrations and On farm testing	KVK, Tuticorin	08-01-2013 to 11-01-2013
9	Dr. K. B. Yadahalli	Programme Co-ordinator	KVK-Industry interface meeting	ZPD, Bangalore	25-01-2013
10	Dr. K. B. Yadahalli	Programme Co-ordinator	Impact monitoring and assessment	KVK, Erode	28-01-2013 to 02-02-2013

16. Please include any other important and relevant information which has not been reflected above (write in detail).

Farmers Field School on Integrated Crop Management in Onion

Taluka: Bagalkot

Village: Basarikatti

Season: Kharif 2012

Crop	Variety	Area (ha)	No. of farmers	Average Yield (q ha ⁻¹)		Increase in yield (%)	Cost of cash inputs (Rs ha ⁻¹)	
				Demonstration	Local check		Demonstration	Local check
Onion	Arka kalyan	0.4	1	96.54	74.60	29.41%	20,500/-	18,630/-

MAJOR FARMING SITUATION UNDER THE DEMONSTRATION

Crop	No. of farmers	Major farming situation of the demonstration plots				
		Source of irrigation	Soil type	Previous crop	Sowing date	Harvesting date
Onion	01	Bore well	Medium black soil	Maize	15-07-2012	20-11-2012

DETAILS OF DIFFERENT EXTENSION ACTIVITIES

Sl. No	Activities	No. of Programme	No. of Participants	Remarks
1	Weekly sessions	3	75	-
2	Field Day	-	-	-
3	Conventions (Folder)	-	-	-
5	Television Programme	-	-	-
7	Over phones	-	10	-
8	In person	-	6	-
9	News paper coverage	-	-	-

Reaction of farmer about Farmers Field School

Impressed about the benefit of growing improved onion variety “Arka Kalyan” along with recommended package of practices to control diseases/pests and get good quality higher yields.

SUMMARY FOR 2012-13

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Disease Management	Groundnut	Assessment of bio-agents and soil amendments against collar rot disease in groundnut	5
Total			5

Summary of technologies assessed under livestock : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials
Total			

Summary of technologies assessed under various enterprises : Nil

Thematic areas	Enterprise	Name of the technology assessed	No. of trials

Summary of technologies assessed under home science : Nil

Thematic areas	Enterprise	Name of the technology assessed	No. of trials

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops : Nil

Thematic areas	Crop	Name of the technology refined	No. of trials
Total			

Summary of technologies assessed under refinement of various livestock : Nil

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials
Total			

Summary of technologies refined under various enterprises : Nil

Thematic areas	Enterprise	Name of the technology assessed	No. of trials

Summary of technologies refined under home science : Nil

Thematic areas	Enterprise	Name of the technology assessed	No. of trials

III. FRONTLINE DEMONSTRATION

Crops

Crop	Thematic Area	Name of the technology demonstrated	No. of KVKs	No. of farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
						Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
Oilseeds																	
Sunflower	ICM	ICM		25	10.0	10.30	8.60	19.8	10800	30900	20100	2.86	12300	25800	13500	2.10	
Groundnut	Variety popularization	Variety popularization		5	5.0	27.90	21.20	17.5	32100	105000	72900	3.27	31600	91200	59600	2.89	
Ground nut	ICM	ICM with raised bed		4	4.0	29.10	22.80	14.4	34300	110580	76280	3.22	32100	94240	62140	2.94	
Pulses																	
Greengram	Variety popularization	Variety popularization		10	4.0	Vitiated due to deficit rainfall											
Redgram	ICM	ICM		10	4.0	11.0	9.10	20.9	16500	38500	22000	2.33	14400	26250	11850	1.82	
Bengalgram	ICM	ICM		25	10.0	12.30	9.90	24.3	13050	39360	26350	3.02	13200	29120	15920	2.21	
Cereals																	
Sorghum	ICM	ICM		8	4.0	15.60	14.30	9.09	9100	39000	29900	4.28	8050	28500	20450	3.54	
Wheat	ICM	ICM		28	10.0	38.50	31.80	21.1	21500	65450	43950	3.04	21800	54060	32260	2.48	
Wheat	Variety popularization	Variety popularization		18	8.0	32.60	27.40	18.9	19300	69730	50430	3.61	16800	52060	35260	3.10	
Vegetables																	
Tomato	Hybrid popularization	Hybrid popularization		16	3.2	224.26	134.87	66.8	45039	112129	67090	2.49	41968	67435	25467	1.61	
Drumstick	Variety popularization	Variety popularization		22	6.0	Under progress											
Fruits																	
Grapes	IPM	Mite management		5	2.0	23.0	17.5	31.4	204000	690000	494000	3.38	185000	525000	340000	2.84	
Banana	ICM	ICM (Banana Special)		5	1.0	Under progress											
Guava	Hybrid popularization	Hybrid popularization		2	1.0	Under Progress											
Spices and condiments																	
	-	-		-	-	-											
Commercial																	
Sugarcane	ICM	ICM		9	4.0	Under Progress											
Sugarcane	Single eye bud technique	Single eye bud technique		6	2.0	Under Progress											
Fodder	Feed and Fodder	Fodder bank popularization		10	4.0	34.0	-	-	28400	69200	40800	2.44	-	-	-	-	

Livestock : Nil

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total																		

Fisheries : Nil

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total																		

Other enterprises : Nil

Category	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
					Demonstration	Check	Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
Total																	

Women empowerment : Nil

Category	Name of technology	No. of KVKs	No. of demonstrations	Name of observations	Demonstration	Check
Women						
Children						

Farm implements and machinery : Nil

Name of the implement	Crop	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit ect.)				
						Demonstration	Check	Demonstration	Check	Demonstration	Check	Demonstration	Check				

Other enterprises**Demonstration details on crop hybrids**

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)				
				Demonstration	Local check	% change	Gross Cost	Gross Return	Net Return	BCR	
Oilseeds											
Sunflower	KBSH-53	25	10.0	10.30	8.60	19.80	10800	30900	20100	2.86	
Total		25	10.0	10.30	8.60	19.80	10800	30900	20100	2.86	
Pulses											
Vegetable crops											
Tomato	Arka Samrat	16	3.2	224.26	134.87	66.8	45039	112129	67090	2.49	
Total		16	3.2	224.26	134.87	66.8	45039	112129	67090	2.49	
Fruit Crops	Arka Kiran	2	1.0	Under Progress							
Total		2	1.0	Under Progress							

IV. Training Programme

Training for Farmers and Farm Women including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Cropping Systems	5	123	0	123	45	0	45	168	0	168
Integrated Crop Management	2	29	0	29	8	0	8	37	0	37
Seed treatment	1	12	7	19	0	0	0	12	7	19
Horticulture										
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
Organic farming in Sapota	1	25	0	25	6	0	6	31	0	31
b) Fruits	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management										
Soil and water testing	1	5	0	5	0	0	0	5	0	5
Livestock Production and Management										
Dairy Management	1	6	0	6	4	0	4	10	0	10
Poultry Management	1	14	0	14	6	0	6	20	0	20
Plant Protection										
Integrated Pest and Disease Management	6	64	20	84	65	9	74	129	29	158
Fisheries	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site										
Seed Production	1	32	0	32	0	0	0	32	0	32
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Agro-forestry										
Integrated Farming Systems	5	0	0	0	59	2	61	59	2	61
TOTAL	24	310	27	337	193	11	204	503	38	541

Training for Farmers and Farm Women including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	4	93	1	94	17	0	17	110	1	111
Seed treatment	2	32	7	39	2	0	2	34	7	41
Horticulture										
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-
Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-
Livestock Production and Management	-	-	-	-	-	-	-	-	-	-
Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-
Agril. Engineering	-	-	-	-	-	-	-	-	-	-
Plant Protection	-	-	-	-	-	-	-	-	-	-
Fisheries	-	-	-	-	-	-	-	-	-	-
Production of Inputs at site	-	-	-	-	-	-	-	-	-	-
Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-
Agro-forestry										
Integrated Farming Systems	5	0	0	0	65	6	71	65	6	71
TOTAL	11	125	8	133	84	6	90	209	14	223

Training for Rural Youths including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Protected cultivation of vegetable crops	1	27	0	27	0	0	0	27	0	27
Seed production	2	43	15	58	14	7	21	57	22	79
Vermi-culture	1	2	18	20	0	6	6	2	24	26
Increasing production and productivity of crops	2	75	0	75	11	0	11	86	0	86
Seed treatment	2	46	0	46	14	0	14	60	0	60
Disease management	1	4	1	5	7	2	9	11	3	14
Role of KVKs to the farming community	2	32	0	32	8	0	8	40	0	40
TOTAL	11	229	34	263	54	15	69	283	49	332

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services (through phone)	554	528	26	1108
Diagnostic visits	15	130	20	165
Field Day	4	132	5	141
Rabi Field day	1	900	35	936
Group discussions	8	208	5	221
Film Show	3	53		56
Exhibition	6	2304	30	2340
Scientists' visit to farmers field	170	156	14	340
Method Demonstrations	3	115	5	123
Others (Technology week)	1	53	6	60
Total	765	4579	146	5490

Details of other extension programmes

Particulars	Number
Extension Literature	04
News Letter	03
News paper coverage	08
Popular Articles	02
TV Talks	09
Total	26

PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Jowar	M 35-1	55.0 q	3,02,500/-	KVK all produce sent to SOS (Seeds), UAS, Dharwad
	Wheat	DWR-195	13.0 q	41,600/-	
Oilseeds	Soybean	JSS-335	57.0 q	3,53,400/-	
Pulses	Bengalgram	JG-11	45.0 q	3,60,000/-	
Commercial crops	-	-	-	-	
Vegetables	Onion	Arka Kalyan	2.25 q	1,23,750/-	
Total	-	-	172.25 q	11,81,250	-

Production of planting materials by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Number	Value (Rs.)	Number of farmers
Fodder crop saplings	Hybrid napier	-	2800	2,800/-	01
Total			2800	2,800/-	

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Agents	Trichoderma	500 kg	50,000/-	-
Total		500 kg	50,000/-	

Production of livestock and related enterprise materials : Nil

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Total	-	-	-	-

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2012-13

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	515	515	290	60,700/-
Water	305	303	241	30,900/-
Total	820	818	531	91,600/-

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted
01

IX. NEWSLETTER

Number of issues of newsletter published
3

X. RESEARCH PAPER PUBLISHED

Number of research paper published
2

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM: Nil

Activities conducted

No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
-	-	-	-	-

-----XXXXXXXX-----