

GENERAL INSTRUCTIONS
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, Regional Agricultural Research Station, P.O.Box No.18, BIJAPUR-586101	08352- 230758	08352- 230758	kvkbijapur@gmail.com	www.kvkbijapur.org

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

Address	Telephone		E mail	Web Address
	Office	Fax		
University of Agricultural Sciences, Krishi Nagar, Dharwad-05	0836- 2447494	0836- 2748199	deuasd@rediffmail.com	www.uasd.edu.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.S.Y.Wali Programme Co-ordinator KVK, Bijapur	08352 - 263283	9448495346	kvkbijapur@gmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as 31st March 2015)

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	P/T	Category (SC/ST/OBC/ Others)
1	Programme Coordinator	Dr. S.Y.Wali	Programme Co-ordinator	M	Agronomy	Ph.D	37400-67000		31.05.10	Per.	SC
2	SMS	Dr.S.M.Vastrad	Subject Matter Specialist	M	Pl.Pathology	M.Sc(Agri.)	15600-39100		01.03.06	Per.	GM
3	SMS	Dr.Prema B. Patil	Subject Matter Specialist	F	Home Science	Ph.D	15600-39100		22.06.07	Per.	GM
4	SMS	Dr. Sunilkumar Nooli	Subject Matter Specialist	M	Agronomy	M.Sc(Agri.)	15600-39100		21.11.11	Per.	GM
5	SMS	Vacant	Subject Matter Specialist	-	Agri.Engineering	-	-	-	-	-	-
6	SMS	Vacant	Subject Matter Specialist	-	Horticulture	-	-	-	-	-	-
7	SMS	Vacant	Subject Matter Specialist		Animal science	-		-			
8	Programme Assistant(Lab Tech.)/ T-4	Vacant	Programme Assistant	-	Soil Science	-	-	-	-	-	-
9	Programme Assistant (Computer)/ T-4	Mr.S.C.Rathod	Programme Assistant	M	Computer Science	MCA, PGDCA	9300-38400		16.12.08	Per.	SC
10	Programme Assistant/ Farm Manager	Mr.B.C.Kolhar	Programme Assistant	M	Farm Manager	M.Sc (Agri.)	9300-38400		10.12.08	Per.	OBC

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	P/T	Category (SC/ST/OBC/Others)
11	Assistant	Mr.S.E.Badiger	Assistant	M	Assistant	MA	20000-36300		01.04.04	Per.	OBC
12	Jr. Stenographer	Mrs.A.S.Hiremath	Typist	F	Typist	M.Com	16000-29600		05.10.09	Per.	GM
13	Driver	Mr.Yariswamy	LVD	M	Driver (Jeep)	7 th Pass	14550-26700		23.05.05	Per.	ST
14	Driver	Mr.Sanjeevkumar Kondagoli	Driver	M	Driver (Tractor)	PUC	11600-21000		07.10.14	Per.	SC
15	Supporting staff	Vacant	Cook cum care taker	-	-	-	-	-	-	-	-
16	Supporting staff	Smt. Shridevi K Goudennavar	Messenger	F	Messenger	PUC	9600- 14550		20.01.14	Per.	OBC

1.6. Total land with KVK (in ha) : 20 ha

S. No.	Item	Area (ha)
1	Under Buildings	0.1 ha
2.	Under Demonstration Units	-
3.	Under Crops	15 ha
4.	Orchard/Agro-forestry	02 ha
5.	Others	2.9 ha

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	10.01.2010	550	71,90,000	-	-	-
2.	Rain Water harvesting system	ICAR	April -2008	3165 cum	8,60,726	-	-	Constructed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2003	3,24,238	6476 tractor hrs	Good
TOYOTA Qualis	2004	4,64,034	290492	Good
Hero Honda KA-25 EC-7517	2009	49,500	38996	Good
Hero Honda KA-25 EC-7527	2009	49,500	59227	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Godrej copier G-87152 FFKG-87152	80234	3/31/2001	Not in use
2 KV Stabilizer	6000	3/31/2001	Good Condition
Philips Galaxy overhead projector	23000	3/31/2001	Not in use
Single furrow R. P.	20250	3/30/2001	Good Condition
Tine Tiller with seeding attachment	26150	3/30/2001	Good Condition
Leveler three in one	14500	3/30/2001	Good Condition
Hakims Display Board	10150	9/24/2003	Not in use
Handy Image Presenter	53760	9/25/2003	Not in use
Ex K-2000 AC portable honda silent generator	37566	3/29/2003	Good Condition
Electronic Weigh Machine	57000	12/29/2004	Good Condition
Shaking machine	47025	10/4/2005	Good Condition
Electronics automatic KEL plus model KES-061	142814	1/13/2005	Good Condition
Flame Photometer	32040	1/31/2005	Good Condition
pH. Meter	8900	1/31/2005	Good Condition
Scanning visible spectro photo meter	40050	1/31/2005	Good Condition
FCCM-183 analyzer with ATC probe	9790	2/12/2005	Good Condition
Hot air oven	17220	2/18/2005	Good Condition
Voltas Refrigerator 220 capacity	10765	3/10/2005	Good Condition
Hp computer	32000	4/11/2006	Good Condition
Hitachi cp X 251 2000 LUXGA	51989	12/1/2006	Good Condition
Laptop	51442	3/31/2007	Good Condition
HP Laser Jet	16252	3/31/2007	Good Condition
Seedrill cum bund farmers	3050	8/24/2007	Good Condition
Toshiba E-studio 167 Model-DP-1670	55120	4/24/2008	Not in use
Write well Pin-up boards stands 4â€ x3â€™	21200	9/2/2008	Good Condition
HCL Infiniti cove 2 Duo Desktop computer system.	46000	9/13/2008	Good Condition
Hitachi LCD projector model Cp-x-1FF	40788	9/22/2008	Good Condition
Usha tailor model sewing machine	23650	3/19/2010	Good Condition
H.P.Make colour multifunction device model	45318	3/31/2010	Good Condition
Tractor operated post hole dig	42748	3/20/2012	Good Condition
HTP pump with oil engine	20889	8/31/2012	Good Condition
Milking machine- single bucket power operated	42000	3/30/2013	Good Condition
Write well Pin-up boards stands 4â€ x3â€™	21200	9/2/2008	Good Condition

1.8. Details SAC meeting conducted in 2014-15

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
1	16.07.2014	46	00	Technology related to dryland agriculture to be popularized.	Two FLD on Wider row in Bajra & Sunflower One OFT using hydrogel in pigeon pea for 30 farmers 7 trainings have been conducted
				CD related to value addition to be prepared as early as possible.	CD prepared and sent to Zonal Project Director.
				Mobile numbers of K-Kisan farmers to be collected and messages related to agriculture to be sent through SMS.	Message sent to 12000 farmers
				Production of <i>Metarizium</i> to be started in Krishi Vigyan Kendra, Bijapur	Proposal has been submitted
				75% of Revolving Fund to be utilized to give useful services to the farmers	Participatory Seed production programme have been planned for wheat varieties Viz., UAS-304 , DDK 1029 Production of value added products of sorghum is planned Production of redgram (TS-3R)20,000 seedlings
				Training on new technologies to be given to facilitators and diploma students.	Final year students will be trained in April-May

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
				Staff Research project to be submitted on stalk root management in maize.	Submitted & Sanctioned
				Organizing seminar on Sugarcane Production Technology.	Five seminars have been conducted in Kalagi , Hirebevanoor & three On campus
				Awareness to be created among sugarcane growing farmers regarding drainage problem in sugarcane fields.	Two programmes have been conducted (Tadalagi & Shegunasi) for 250 farmers
				More farm women to be invited in agriculture related trainings.	Farm women have been motivated to attend the trainings
				Publish more number of popular articles.	Seven have been published 3 crop production , 2 plant protection , 3 home science
				Number of soil and water testing samples to be increased.	2012-13 2013-14 2014-15
				10 minimum CDs of success stories to be prepared.	2 have been prepared
				Each SMS to be given 50,000/- and atleast 5,000/- profit to be made by them per year.	Activities under progress
				Time target to be set for redgram seedlings production.	20,000 Seedlings will be raised in the month of May

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
				Give fingerlings to IFS farmers who have farm pond.	Will be given during the month of June 2 nd FN
				Give the printed pamphlet of the facilities available by different departments.	The booklet has been prepared and distributed

PART II - DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
	<p>The <i>Kharif</i> crops are mainly grown in shallow eroded black soils (chalka soils), shallow light soils and sandy loams. On account of their low moisture retentive capacity, better infiltration rate, these soils get moistened with early rains in the month of June. The important <i>kharif</i> crops grown are pigeon pea, bajra, maize, onion, greengram, groundnut and sunflower. Besides these main crops, horsegram and sesamum are the other crops grown. Common mixed cropping systems in the region are bajra+redgram and groundnut +redgram. Minor pulses like blackgram and cowpea are also grown as mixed crops along with the above main crops, mainly in talukas which have shallow black or red sandy loam soils. The monsoon (<i>Kharif</i>) cropping situation covers to an extent of 25-30% of the total net cropped areas.</p> <p>If favorable early <i>kharif</i> monsoon rains are received the medium black soils are put under double cropping. greengram, groundnut and sunflower are grown in the <i>kharif</i> season followed by sorghum, safflower and bengalgram in <i>rabi</i> season, Such double cropping situation occurs once in 3-4 years. In deep black soils onion followed by <i>Rabi</i> sorghum relay cropping system is followed.</p> <p>In this region, <i>rabi</i> (post- monsoon) crops are predominately grown, covering about 56 percent of the total sown area due occurrence of vertisols and assured rainfall received by North East monsoon in the months of September and October. The important <i>rabi</i> crops grown are <i>rabi</i> sorghum, sunflower, bengalgram and wheat. Under irrigation, where water supply is assured, generally fruit crops like banana, grape, pomegranate and lime are grown extensively in Bijapur.</p> <p>In canal irrigated command areas, double cropping is in vogue. In black soils, Bt. cotton, maize, sunflower and pulses are grown in the <i>kharif</i> season followed by sorghum, bengalgram, wheat and sunflower in <i>rabi/summer</i>. In irrigated red soils, hybrid cotton, groundnut, maize and pulses are grown in <i>kharif</i> season followed by sunflower, maize, wheat and groundnut.</p>

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

S. No	Agro-climatic Zone	Characteristics
	Rainfall	Bijapur district is characterized by the lowest rainfall in Karnataka state with an average rainfall of 579.0 mm. The district comprises five talukas namely Basavana Bagewadi, Bijapur, Muddebihal, Indi and Sindagi. The five talukas receive rainfall between 565 to 635 mm. About 60 per cent of the annual rainfall is received in the normal monsoon season (June-September), 14 per cent in the pre monsoon (April-May) and about 23 per cent in the post monsoon months (October-November) generally the remaining months are dry.
	Temperature	The mean monthly maximum temperature varies from 29.3 °C (December) to a maximum of 39.0 °C (May). The mean monthly minimum temperatures are lowest (15.5 °C) during January, which increases gradually to maximum of about 23.3 °C (May)
	Relative Humidity	The moisture content of the air in the district varies from about 35 per cent during February, March and April to a maximum of about 70 per cent in July, August and September.
	Wind velocity	The district is characterized by high wind velocity especially during monsoon months. The wind speed varies between 3.6 KMPH (December) to 13.2 KMPH (July)

S. No	Agro ecological situation	Characteristics
	Rainfed cropping in Monsoon (<i>Kharif</i>)	Soils are shallow black(chalka) shallow light soil and red sandy loams because of better infiltration rate they get moistened with early rain in the month of June-July sufficient to take up sowing of <i>kharif</i> crops. Due to low water holding capacity of these soils and higher evaporative demand due to very high wind velocity during July and August month result in poor yields Tqs: B. Bagewadi, Indi, Sindgi and Bijapur Crops: Bajra, greengram, redgram, sunflower, onion and groundnut
	Rainfed cropping in Monsoon (<i>Rabi</i>)	Deep black soils with more than 60 cm depth, the clay content of these soils is around 60% and hence very low infiltration rate Available water holding capacity of these soils is around 6 cm to 30cm. The crops grown in the post monsoon season have to mature on the residual soil moisture only. Tqs: B. Bagewadi, Muddebihal, Sindgi and Bijapur Crops: <i>Rabi</i> sorghum, bengalgram and sunflower
	Rainfed in both monsoon and post monsoon	Soils are medium deep black, fine red clay loam, red and black mixed soils. These soils have around 30-50 % clay content with Infiltration rate and fairly high water holding capacity. Poor investment capacity of the farmers in dry areas and lack of suitable non-cash inputs. Tqs: B. Bagewadi, Indi, Sindgi, Muddebihal and Bijapur Crops: Bajra, greengram, redgram, sunflower, onion and groundnut

	Medium deep black soil with <i>kharif</i> irrigation	Tqs: B. Bagewadi Crops: Onion, maize, cotton and redgram
	Red soil and shallow soils with <i>kharif</i> irrigations	Tqs: Indi Crops: Groundnut
	Medium to deep black soil with <i>rabi</i> irrigation	Tqs: B. Bagewadi, Indi, Sindgi Crops: Wheat and Onion
	Cropping with biseasonal irrigation	Tqs: Indi and Bijapur Crops: Cotton and redgram
	Cropping with perennial irrigation	Tqs: Indi, Sindgi and Bijapur Crops: Sugarcane, grape, pomegranate, banana and lime

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Shallow black soil	Shallow black soils are generally noticed in Indi, Sindagi and Bijapur talukas and to some extent in Bagewadi and Muddebihal talukas. The clay content of these soils is around 40 percent with moderate infiltration rate. The available water holding capacity of these varies between 3-4 cm per 30 cm soil depth. These soils generally belong to land capability class between III and IV.	2,62,586
2	Medium black soil	Medium deep black soils occur predominantly in Bagewadi, Bijapur and Sindagi talukas. These soils have clay content around 50 per cent with low to moderate infiltration rate. Generally they belong to land capability class between II and III. The available water holding capacity of these soils is around 5 cm per 30 cm	4,01,737
3	Deep Black soils	Deep black soils predominately occur in Muddebihal, Bijapur and B. Bagewadi talukas, The clay content of these soils is around 60 per cent and hence have very low infiltration rate. In general, these soils fall under land capability class-II. Post – monsoon cropping is most common on these soils. The available water holding capacity of these soils is around 6 cm per 30 cm soil depth.	2,34,113
4	Red loam soils	This type of soil is found in immediate association with black soils and near hillocks. The depth varies from 15 to 100 cm and the clay content is around 30 percent according to topography and parent material from which they are formed and extent of weathering. These soils show moderate to good infiltration rate. The soils are neutral to slightly alkaline in reaction, deficient in nitrogen and phosphorus but contain moderate amount of potassium. The soil can hold about 4 cm of available water per 30 cm soil depth.) The soils generally fall under land capability class-III. Such soils are predominantly found in B. Bagewadi and Indi talukas	48,061

		Such soils are predominantly put under <i>kharif</i> crops and under favorable seasonal conditions double cropping is noticed	
5	Red sandy soils	Red soils are derived from any one of the four parent materials viz. granite, gneiss, quartz or sand stone. The soils originated from granites or gneiss exhibit deep red or brown colour due to the presence of ferric oxide to the extent of 5 to 8 percent with varying degrees of hydration. The depth of soil varies according to topography. Soil depth to an extent of 2.0 m is also noticed. The ph of soil varies from 6.5 to 7.5 .The profile is invariably free from lime and contains a few iron concretions scattered throughout the profile. The soils have good drainage and high infiltration rate.They respond well to manuring and irrigation.	20,230

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

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
	Crop production			
	Maize (K)	75996	96242	1569
	Bajra	65425	28246	479
	Minor millets	1342	402	300
	Redgram	189677	31050	314
	Horse gram (K)	9912	1610	186
	Horsegram (<i>Rabi</i>)	3260	976	300
	Green gram	18761	1328	58
	Cowpea (K)	1213	572	413
	Cowpea and other pulses (<i>rabi</i>)	840	232	276
	Groundnut	68491	37391	507
	Sunflower	59598	26514	234
	Niger	1091	467	308
	Sesamum	624	459	428
	Soybean	318	222	700
	Cotton	10524	7636(t)	372
	Sugarcane (K)	71343	1892149(t)	72(t/ha)
	Sugarcane (<i>Rabi</i>)	21428	2142800(t)	100 (t/ha)
	Sugarcane (Summer)	4935	493500(t)	100 (t/ha)
	Sorghum	190629	59113	850
	Wheat	63974	76446	999
	Bengal gram	156892	126428	703
	Safflower	5868	3393	482
	Linseed	3209	1190	399

	Fruit crops			
	Mango	246	1157	07(t/ha)
	Banana	618	64878	23(t/ha)
	Lime	2787	53256	25(t/ha)
	Guava	107	237	20(t/ha)
	Sapota	232	2589	10(t/ha)
	Pomegranate	1107	17893	7.0(t/ha)
	Papaya	36	2401	35(t/ha)
	Ber	150	4500	30(t/ha)
	Custard Apple	64	448	07(t/ha)
	Grape	5464	185261	15(t/ha)
	Fig	28	84	03(t/ha)
	Other fruit crops	95	380	04(t/ha)
	Vegetable crops			
	Tomato	1181	5730	31.64(t/ha)
	Brinjal	527	5712	25(t/ha)
	Beans	62	274	06(t/ha)
	Onion	9756	43391	24(t/ha)
	Green chilli	1036	7252	07(t/ha)
	Sweet Potato	105	1260	12(t/ha)
	Cabbage	06	102	17(t/ha)
	Cauli flower	08	136	17(t/ha)
	Lady's finger	352	2464	07(t/ha)
	Radish	210	21100	10(t/ha)
	Beet root	05	65	13(t/ha)
	Carrot	195	4095	21(t/ha)
	Capsicum	49	441	09(t/ha)
	Cluster beans	128	1024	08(t/ha)
	Drum stick	102	1122	11(t/ha)
	Water melon	23	644	28(t/ha)
	Methi	195	1950	10(t/ha)
	Palak	115	1150	10(t/ha)
	Amaranthus	37	296	08(t/ha)
	Curry leaves	120	600	05(t/ha)
	Other leafy vegetables	133	665	05(t/ha)
	Ash gourd	10	210	21(t/ha)
	Snake gourd	51	867	17(t/ha)
	Bitter gourd	86	774	09(t/ha)
	Ridge gourd	120	960	08(t/ha)
	Other gourds	66	660	10(t/ha)
	Other vegetables	126	882	07(t/ha)
	Spice crops			
	Tamarind	240	1200	05(t/ha)
	Turmeric	61	549	09(t/ha)
	Garlic	515	6180	12(t/ha)
	Dry chillies	832	4160	05(t/ha)

	Coriander	599	2396	04(t/ha)
	Fenugreek	149	447	03(t/ha)
	Other spice crops	133	798	06(t/ha)
	Plantation crops			
	Coconut	283	14.72 lakh nuts	0.05 lakh nuts
	Betelvine	31	620 lakh leaves	20 lakh leaves
	Oil palm	522	-	-
	Other garden / plantation crops	123	861	07
	Flower crops			
	Aster	06	03	0.5(t/ha)
	Crossandra	02	02	1(t/ha)
	Marigold	152	1520	10(t/ha)
	Jasmine	63	441	07(t/ha)
	Chrysanthemum	58	348	06(t/ha)
	Tuberose	47	150	03(t/ha)
	Rose (Lakh flowers)	77	77	01(t/ha)
	Gerbera (Lakh flowers)	22	22	01(t/ha)
	Other flower crops	62	186	03(t/ha)
	Medicinal and Aromatic plants			
	Medicinal plants	57	171	03(t/ha)
	Lemon grass	24	168	07(t/ha)
	Other Aromatic plants	45	135	03(t/ha)

* District statistics office, Department of statistics, Vijayapur

2.5. Weather data 2014-15

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)	
		Maximum	Minimum	AM(%)	PM(%)
April-2014	27.0	38.0	22.7	56	24
May-2014	68.6	37.6	22.9	75	31
June-2014	54.4	35.0	22.7	81	43
July-2014	151.6	30.1	21.6	88	64
August-2014	245.7	30.2	21.3	89	63
September-2014	59.4	30.7	21.1	88	56
October-2014	65.3	31.9	19.6	84	48
November-2014	15.0	30.4	15.6	85	42
December-2014	16.0	29.0	13.0	83	41
January-2015	4.6	29.5	13.1	76	34
February-2015	0.0	33.5	15.0	64	21
March-2015	36.2	35.3	20.3	64	28

* Agro meteorology RARS, Bijapur

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	1203	1600 tons milk	4.340 lit/day /animal
<i>Indigenous</i>	278582	40,000 tons milk	1.515 lit/ day /animal
Buffalo	191438	59,000 tons milk	1.592 lit/ day /animal
Sheep			
<i>Crossbred</i>			
<i>Indigenous</i>	336015	75 tones meat	18kg mutton /animal
Goats	451980	80 tones meat	16 kg chevon /animal
Pigs			
<i>Crossbred</i>	32	NA	6 kg/ animal
<i>Indigenous</i>	27114	NA	6 kg/ animal
Rabbits	38	NA	
Poultry			
Hens	346372		
<i>Desi</i>	169200	157 lakh eggs	93 eggs/bird
<i>Improved</i>	36400	86 lakh eggs	238 eggs/bird
Ducks			
Turkey and others			

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

* District statistics office, Department of statistics, Vijayapur

2.7 District profile has been **Updated** for 2014-15 Yes / No: No(Data yet to be published by dept. of Statistics, Vijayapur)

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 enterprises
1	Bijapur	Honnalli	Honnalli, Tamba	2012-13 to 2014-15	Bajra, Maize, Wheat, Sorghum, Sunflower, Redgram, Lime, pomegranate, grape	Moisture stress, water scarcity, non availability of high yielding varieties in sorghum, wheat, Bengal gram, weed infestation in wheat, poor nutrition in groundnut, pest and disease incidence in grape and pomegranate, Bengal gram and lime canker	Soil and water conservation practices in dry land areas. Introduction of varieties in sorghum, wheat, pest and disease management in pomegranate & ICM in Maize, IPDM in Lime & pomegranate
					Livestock (Cattle, Buffalo, Goat, Poultry)	Poor nutrition and diseases in animals	Management of animals for higher productivity, Creation of self employment opportunities.
					Home science	Drudgery and unemployment	Self employment activities and drudgery reduction

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 enterprises
2.	Indi	Hirebevanoor	Hirebevanoor, Ingalagi	2012-13 to 2014-15	Maize, wheat , summer groundnut, sugarcane	Moisture stress, non availability of suitable variety in weed infestation in wheat ,pest and diseases wheat, labour problem Low yield and increasing cost of production micronutrient deficiency and weed infestation in sugarcane & maize	Introduction of high yielding variety in wheat and ICM in Dicco cum wheat Production method in sugarcane. ICM in Maize .
					Live stock	Poor nutrition and disease in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment	Self employment activities and drudgery reduction

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 enterprises
3	Sindagi	Kadlewad	Aheri, Kadlewad	2012-13 to 2014-15	Wheat , Summer groundnut , Cotton, Sugarcane, Lime	Moisture stress, water scarcity, non availability of high yielding varieties in onion, sorghum, wheat, weed infestation in wheat poor nutrition in groundnut and sugarcane pest and disease in redgram, lime poor flowering, canker and mite, sucking pest in Cotton.	Introduction of variety Pigeon pea pest and disease management in Pigeon pea, onion, cotton, IPM in Pigeon pea, ICM in Dicocum & wheat, nutrient management in sugarcane and groundnut, pest and disease management in lime and grape. ICM in Maize &wheat, Nutrient management in sugarcane, ICM in Bt.Cotton.
					Sheep & Goats	Poor nutrition and diseases in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment,	Self employment activities and drudgery reduction

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 enterprises
4.	B.Bagewadi	Golasangi	Tadalagi, Baloot, Bisanal	2012-13 to 2014-15	Maize, Redgram, Bengalgram, Sunflower, Onion	Moisture stress, water scarcity, non availability of high yielding varieties in onion, sorghum, sunflower, weed infestation in wheat, poor cropping system	Soil and water conservation practices in dryland areas, Introduction of variety and disease management in onion, sorghum, Bajra, Groundnut, pest and disease management in Onion ICM in Maize, wheat & ICM in Sunflower
					Sheep & Goats	Poor nutrition and diseases in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment	Self employment activities and drudgery reduction

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 enterprises
5.	Muddebihal	Basarkod	Basarkod	2012-13 to 2014-15	Wheat, Cropping system, Bengalgram	Moisture stress, water scarcity, non availability of high yielding varieties in onion, sorghum, wheat, pest and disease in Redgram & Bengalgram.	Soil and water conservation practices in dryland areas, Introduction of variety pest and disease management in onion, sorghum, nutrient management in sugarcane and groundnut, Redgram wheat, sunflower, chickpea ICM in Bengalgram.
					Sheep & Goats	Poor nutrition and pest diseases in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment,	Self employment activities and drudgery reduction

2.9 Priority thrust areas

S. No	Thrust area
1.	Moisture conservation
2.	Introduction of new varieties/hybrids and crops
3.	Nutrient Management
4.	Management of pest and diseases
5.	Production of quality produce
6.	Management of livestock
7.	Fodder and disease management in animals
8.	Drudgery reduction
9.	Creation of self-employment opportunities

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
08	07	40	35	15	13	187	162

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
66	60	1925	8473	1207	669	37535	15510

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
137.2	75.94	13500	10000

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Milk 36000	40639.7 ltrs	-	-

3.B1. Abstract of interventions undertaken based on thrust areas identified for the district .

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions									Supply of bio products	
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	No.	Kg
1.	Moisture conservation	Bajra	Moisture stress	-	Wider row spacing in bajra	01	-	01	Group meeting-01 Training-01 Field day-01	31 kg	-	-	15	1.25
2.	Micronutrient management	Maize	Yellowing stunted growth , reduced grain filling / terminal gap in cobs & low yield	-	Micronutrient management in maize	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	15	300 Vermicompost

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products		
														No.	Kg
3.	Integrated Pest Management	Maize	Root grub infestation	Root grub management in maize	-	01	-	-	Group meeting-01 Training-01						Met arhi zium anis opliae @45kg
4.	Integrated Crop Management	Wheat	Low yielding varieties, weed infestation and rust	-	ICM in Wheat	01	-		Group meeting-01 Training-01 Field day-01	900 kg	-	-	15	6.0	
5.	Integrated Crop Management	Wheat	Rust and leaf blight management	-	Demonstration of DDK-1029 variety in Wheat	01			Group meeting-01 Training-01 Field day-01	900 Kg seeds	-	-	15	-	
6.	Cropping system	Cropping system	Low income with single crop	-	Relay cropping of onion in <i>kharif</i> followed by sorghum in <i>rabi</i> season	01	-		Group meeting-01 Training-01 Field day-01	0.075 + 0.45	-	-	15	-	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
7.	Integrated Crop Management	Sunflower	Powdery mildew management	-	DFSH-3 sunflower hybrid with wider row spacing	01	-		Group meeting-01 Training-01 Field day-01	30 kg seeds	-	-	15	-
8.	Moisture conservation	Redgram	Moisture stress during crop growth period and Yields are low	Assessment of hydrogel as soil amendment for increasing productivity in Red gram	-	01	-	-	Group meeting Training-01	5 kg seeds	-	-	05	
9.	Integrated nutrient Management	Redgram	Flower drop, Poor pod set	Response of Red gram to boron nutrition	-	01	-	-	Group meeting Training-01	-	-	-	05	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products		
													No.	Kg	
10.	Integrated Pest Management	Redgram	Wilt & SMD	Introduction of wilt and SMD resistance & high yielding hybrid-ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition	-	01	-	-	-	Group meeting Training-01	5 kg seeds	-	-	05	
11.	Integrated Pest Management	Redgram	Pod borer	Introduction of <i>helicopter</i> resistance & high yielding hybrid – ICPHaRL-4989-7 of pigeon pea under rainfed condition	-	01	-	-	-	Group meeting-01 Training-01	5 kg seeds	-	-	05	-

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
12.	Integrated Pest Management	Redgram	Low yielding varieties, wilt and pod borer, podfly and webber.	-	IPM in red gram	01	-		Group meeting-01 Training-01 Field day-01	75 kg	-	-	15	Need insecticides 15 lit
13.	Integrated Pest Management	Bengalgram	Non availability of alternate variety, wilt and pod borer	-	IPM in Bengalgram	01	-		Group meeting-01 Training-01 Field day-01	380 kg seeds	-	-	15	6.0 neem insecticides 15 lit
14.	Integrated Crop Management	Cotton	Sucking pests, flower drop, leaf reddening & poor nutrition	-	ICM in Bt.Cotton	01	-		Group meeting-01 Training-01		-	-	15	-

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
15.	Integrated Crop Management	Sugarcane	Increasing cost of production	-	Popularization of planting methods in sugarcane	01	-	-	Group meeting-01 Training-01 Field day-01		-	-	05	-
16.	Integrated pest management	Onion	Bulb rotting thrips and blotch	-	IPDM in Onion	01	-		Group meeting-01 Training-01 Field day-01		-	-	-	-
17.	Integrated disease management	Lime	Canker, Gumosis, mite, leaf miner	Lime Canker management	-	01	-	-	Group meeting	-	-	-	05	6kg Pseudomonas florescence
18.	Integrated pest & Disease management	Lime	Citrus butterfly. Leaf miner, mite, canker and gummosis		IPDM in lime (defoliators , canker & mite management)	01	-	01	Group meeting-01 Training-01 Field day-01	-	-	-	05	-
19.	Integrated pest management	Pomegranate	Bacterial blight , thrips and fruit sucking moth		Plant protection in Pomegranate	01	-	01	Group meeting-01 Training-01 Field day-01	-	-	-	05	6kg Pseudomonas florescence

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 (Group meeting +Field day)
1	2	3	4	5	6	7	8
1.	Root grub management in Maize	UAS, Dharwad	Maize	05	-	01	1+0
2.	Response of Red gram to boron nutrition	Feeler Trial conducted at KVK,Bijapur Physiology of Boron by Lincoln taiz & Edwardo zoiger	Redgram	05	-	02	1+0
3.	Introduction of wilt and SMD resistance & high yielding hybrid- ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition	ICRISAT,Hyderabad/ UAS,Raichur	Redgram	05	-	01	1+0
4.	Introduction of <i>helioverpa</i> resistance & high yielding hybrid – ICPHaRL- 4989-7 of pigeon pea under rainfed condition	ICRISAT,Hyderabad/ UAS,Raichur	Redgram	05	-	01	1+0
5.	Assessment of hydrogel as soil amendment for increasing productivity in Red gram	IARI, New Delhi	Redgram	05	-	02	1+0
6.	Thrips management in Onion	UAS, Dharwad	Onion	05	-	-	-
7.	Weed management in transplanted onion under irrigated conditions	UAS, Dharwad	Onion	05	-	01	1+0
8.	Lime Canker management	NRC on citrus Nagapur	Lime	05	-	01	1+0
9.	Wider row spacing in bajra	AICRP on Pearl millet , UAS, Dharwad	Bajra	-	15	01	1+1
10.	Micronutrient management in maize	UAS, Dharwad	Maize	-	15	01	1+1
11.	ICM in Wheat	UAS, Dharwad, DWR Karnal	Wheat	-	15	01	1+0
12.	Demonstration of DDK-1029 variety in Wheat	UAS,Dharwad	Wheat	-	15	01	1+0

13.	Relay cropping of onion in <i>khariif</i> followed by sorghum in <i>rabi</i> season	UAS,Dharwad	Onion+ <i>Rabi</i> sorghum	-	15	01	1+1
14.	DFSH-3 Sunflower hybrid with wider row spacing	UAS,Dharwad	Sunflower	-	15	01	1+1
15.	IPDM in Summer groundnut	UAS,Dharwad	Groundnut	-	15	-	-
16.	Demonstration of IPM in Redgram	UAS,Dharwad	Redgram	-	15	01	1+1
17.	Introduction of variety with IPM in Bengalgram	UAS,Dharwad	Bengalgram	-	15	01	1+1
18.	IPM in Bt Cotton	UAS,Dharwad	Cotton	-	15	01	1+0
19.	Popularization of planting methods in sugarcane	ICRISAT , Hyderabad	Sugarcane	-	05	01	1+0
20.	Plant protection in Pomegranate	UAS,Dharwad	Pomegranate	-	06	02	1+0
21.	IPDM in lime (defoliators , canker & mite management)	UAS,Dharwad	Lime	-	06	02	1+0
22.	Mite & mealy bug management in Grape	NRC, Grape, Pune	Grape	-	10		
23.	IPDM in Onion	Directorate of Onion and Garlic Research , Rajguru nagar	Onion	-	10	-	1+0

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Group meeting + Field days)			
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
03	01	01	00	-	-	-	-	03	01	01	00	12	0	08	0
03	00	02	00	-	-	-	-	06	00	04	00	15	0	05	0
04	00	01	00	-	-	-	-	04	00	01	00	18	0	07	0
04	00	01	00	-	-	-	-	04	00	01	00	15	0	10	0
02	00	03	00	-	-	-	-	04	00	06	00	15	0	05	0
-	-	-	-	-	-	-	-	-	-	-	-				
03	00	02	00	-	-	-	-	03	0	02	0	15	0	10	0
04	00	01	00	-	-	-	-	04	0	01	0	15	0	10	0
-	-	-	-	13	0	02	0	13	0	02	0	50	0	11	0
-	-	-	-	02	0	13	0	02	0	13	0	45	0	07	0
-	-	-	-	13	0	02	0	13	0	02	0	20	0	05	0
-	-	-	-	13	0	02	0	13	0	02	0	18	0	07	0
-	-	-	-	08	0	07	0	08	0	07	0	50	0	21	0
-	-	-	-	10	0	05	0	10	0	05	0	95	0	30	0
-	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	-	13	0	02	0	13	0	02	0	60	0	13	0
-	-	-	-	14	0	01	0	14	0	01	0	60	0	13	0
-	-	-	-	13	0	02	0	13	0	02	0	18	0	07	0
-	-	-	-	04	0	00	0	04	0	00	0	15	0	10	0
-	-	-	-	01	0	04	0	01	0	04	0	20	0	05	0
-	-	-	-	04	0	02	0	04	0	02	0	17	0	8	0
-	-	-	-	-	-	-	-	-	-	-	-				
-	-	-	-	05	0	05	0	05	0	05	0	21	0	04	0

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 Nutrient Management			01							01
Integrated Pest Management	01		01			01				03
Integrated Disease Management			01			01				02
Weed Management					01					01
Resource Conservation Technology			01							01
Total	01		04		02	01				08

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

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

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

4.B. Achievements on technologies Assessed and Refined : Nil

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 trail covering all the Technological Options)
Integrated Nutrient Management	Redgram	Response of redgram to boron nutrition	05	05	
Varietal Evaluation					
Integrated Pest Management	Maize	Root grub management in Maize	05	05	
	Redgram	Introduction of wilt and SMD resistance & high yielding hybrid- ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition	05	05	
	Redgram	Introduction of <i>helicoverpa</i> resistance & high yielding hybrid – ICPHaRL- 4989-7 of pigeon pea under rainfed condition	05	05	
Integrated Crop Management					
Integrated Disease Management	Lime	Canker management in Lime	05	05	
Small Scale Income Generation Enterprises					
Weed Management	Onion	Weed management in transplanted onion under irrigated conditions	05	05	
Resource Conservation Technology	Redgram	Assessment of hydrogel as a soil amendment for increasing productivity in redgram	05	05	
Total	07		35	35	

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

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

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

4.C1. Results of Technologies Assessed

1. Results of On Farm Trial

Crop/ enterprise	Farmi ng situati on	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refineme nt needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Redgram	Rain fed	Moisture stress during crop growth period and Yields are low	Assessmen t of hydrogel as soil amendmen t for increasing productivit y in Red gram	05	TO1. Opening of furrow after every 4 th row	Seed yield (q/ha) Soil moisture content at peak growth stage (%) Days to 50% flowering (%)	12.39 29.0 85.0	12.39	Applicati on of hydrogel has found less advantage over RPP under high moisture condition		

					TO2. RPP (Repeated inter cultivation for 3 times at the interval of 15-20 days)	Seed yield (q/ha)	13.02	13.02			
						Soil moisture content at peak growth stage (%)	29.0				
						Days to 50% flowering (%)	86.0				
					TO3. RPP+ Hydrogel @2.5 kg /ha	Seed yield (q/ha)	13.27	13.27			
						Soil moisture content at peak growth stage (%)	30.0				
						Days to 50% flowering (%)	85.0				

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
TO1. Opening of furrow after every 4 th row	-	12.39	q/ha	33360	3.06
TO2. RPP (Repeated inter cultivation for 3 times at the interval of 15-20 days)	UASD	13.02	q/ha	49500	4.17
TO3. RPP+ Hydrogel @2.5 kg /ha	IARI, New Delhi	13.27	q/ha	46270	3.30

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Assessment of hydrogel as soil amendment for increasing productivity in Red gram
- 2 Problem Definition : Moisture stress during crop growth period and Yields are low
- 3 Details of technologies selected for assessment : Hydrogel as soil amendment
- 4 Source of technology : IARI, New Delhi
- 5 Production system and thematic area : Rainfed & moisture conservation
- 6 Performance of the Technology with performance indicators: Application of hydrogel is found less advantageous with band application Over normal practice (without hydrogel)
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : Application of hydrogel has found less advantage over RPP w.r.t moisture percentage & yield
- 8 Final recommendation for micro level situation : -
- 9 Constraints identified and feedback for research : No improvement
- 10 Process of farmers participation and their reaction : Participatory

2. 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
Redgram	Rain fed	Flower drop, Poor pod set	Response of Red gram to boron nutrition	05	TO1. FP (19:19:19)	Seed yield (q/ha) No. of branches/plant (No.s) No. of Pods / plant (No.s)	10.66 35.0 154	10.66	More no. of pods and more yield		
					TO2. RPP (25:50:0 NPK/ha, Sulphur 20 kg/ha and zinc sulphate 15kg/ha)	Seed yield (q/ha) No. of branches/plant (No.s) No. of Pods / plant (No.s)	11.84 37.0 180	11.84			

					TO3. RPP+ Granulated boron @2.5 kg/ha+ foliar nutrition of 0.1% boron at flowering and pod filling stage	Seed yield (q/ha)	13.20	13.20			
						No. of branches/plant (No.s)	39.0				
						No. of Pods / plant (No.s)	219				

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
TO1. FP (19:19:19)	-	10.66	q/ha	37100	3.29
TO2. RPP (25:50:0 NPK/ha, Sulphur 20 and zinc sulphate 15kg/ha)	UAS, Dharwad	11.84	q/ha	43500	3.72
TO3. RPP+ Granulated boron @2.5 kg/ha+ foliar nutrition of 0.1% boron at flowering and pod filling stage	Feeler Trial conducted at KVK,Bijapur Physiology of Boron by Lincoln taiz & Edwardo zoiger	13.20	q/ha	50390	4.22

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- | | | |
|----|--|--|
| 1 | Title of Technology Assessed | : Response of Red gram to boron nutrition |
| 2 | Problem Definition | : Flower drop, Poor pod set |
| 3 | Details of technologies selected for assessment | : Granulated boron @2.5 kg/ha+ foliar nutrition of 0.1% boron at flowering and pod filling stage |
| 4 | Source of technology | : KVK, Bijapur |
| 5 | Production system and thematic area | : Rainfed & INM |
| 6 | Performance of the Technology with performance indicators | : Less flower drop, good pod set and high yield
No. of pods/plant & yield |
| 7. | Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques | : More number of pods and more yield |
| 8 | Final recommendation for micro level situation | : - |
| 9 | Constraints identified and feedback for research | : No constraints. Soil & foliar application of boron is promising |
| 10 | Process of farmers participation and their reaction | : Participatory & high yield |

3. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Redgram	Irrigated	Wilt & SMD	Introduction of wilt and SMD resistance & high yielding hybrid- ICPH- 2740 & GRG- 2009 of pigeon pea under irrigated condition	05	TO 1: TS-3R	SMD(%) No. of pods /plant (No.s) Yield (q/ha)	12.0 1600 20.50	20.50	More number of sprays required for pod fly managem ent		
					TO 2. ICPH- 2740 hybrid	SMD(%) No. of pods /plant (No.s) Yield (q/ha)	3.5 1350 30.50	30.50			
					TO 3 . GRG- 2009	SMD(%) No. of pods /plant (No.s) Yield (q/ha)	2.30 395 22.50	22.50			

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
TO 1: TS-3R	UAS, Raichur	20.50	q/ha	81600	4.55
TO 2.ICPH-2740 hybrid	ICRISAT, Hyderabad	30.50	q/ha	129610	5.90
TO 3 . GRG-2009	UAS, Raichur	22.50	q/ha	90060	4.64

4.C3. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Introduction of wilt and SMD resistance & high yielding hybrid- ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition
- 2 Problem Definition : Wilt & SMD
- 3 Details of technologies selected for assessment : ICPH-2740 hybrid & GRG-2009 variety
- 4 Source of technology : UAS,Raichur
- 5 Production system and thematic area : Irrigated & IPM
- 6 Performance of the Technology with performance indicators: Wilt ,SMD managed effectively
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : More number of sprays required for pod fly management
- 8 Final recommendation for micro level situation : -
- 9 Constraints identified and feedback for research : Hybrid is late maturing
- 10 Process of farmers participation and their reaction : Participatory & high yielding but needs more no. of sprays for pod fly at later stages

4. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Redgram	Rainfed	Podborer	Introduction of <i>helicopterpa</i> resistance & high yielding hybrid – ICPHaRL-4989-7 of pigeon pea under rainfed condition	05	TO 1 : TS-3R	Pod borere(%) Days to maturity (No.s) No. of Spray Yield (q/ha)	9.0 165 04 20.50	20.50	Late maturing		
					TO 2 : ICPHaRL-4989-7	Pod borere(%) Days to maturity (No.s) No. of Spray Yield (q/ha)	5.4 187 06 22.50	22.50			

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
TO 1 : TS-3R	UAS, Raichur	20.50	q/ha	82816	5.13
TO 2 : ICPHaRL-4989-7	ICRISAT, Hyderabad	22.50	q/ha	96084	5.72

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Introduction of *helicopterpa* resistance & high yielding hybrid – ICPHaRL- 4989-7 of pigeon pea under rainfed condition
- 2 Problem Definition : Podborer
- 3 Details of technologies selected for assessment : ICPHaRL-4989-7, TS-3R
- 4 Source of technology : UAS, Raichur
- 5 Production system and thematic area : Rainfed & IPM
- 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 : Late maturing
10. Process of farmers participation and their reaction : Pod fly is a major problem during later stages and requires more no. of sprays

5.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 refine ment neede d	Justific ation for refine ment
1	2	3	4	5	6	7	8	9	10	11	12
Onion	Irrigated	Weed Menace	Weed managem ent in transplante d onion under irrigated conditions	05	TO 1: FP: hand weeding	Yield(t/ha) Bulb weight(g) Weed index(%)	25.42 41.60 25.00	25.42	Sequential applicant of pendimethaline followed by oxyfluorofen controls weeds effectively and increase the onion yield		
					TO 2: RPP: Pendimethalin 30% EC @ 1.00 kg a.i. ha ⁻¹ as pre-emergence + one one hand weeding at 40 days after transplanting (DAT)	Yield(t/ha) Bulb weight(g) Weed index(%)	29.70 47.60 12.80	29.70			

					TO3: Sequential application of Pendimethalin 30% EC @ 1.00 kg a.i. ha ⁻¹ + Oxyflourfen 23.5 % EC @ 0.25 kg a.i. ha ⁻¹ as post emergence at 5 weeks after transplanting (WAT)	Yield(t/ha)	33.64	33.64			
						Bulb weight(g)	53.80				
						Weed index(%)	8.80				

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
TO 1: FP: Hand weeding	----	25.42	t/ha	176970	2.38
TO 2: RPP: Pendimethalin 30% EC @ 1.00 kg a.i. ha ⁻¹ as pre-emergence + one one hand weeding at 40 days after transplanting (DAT)	UAS, Dharwad	29.70	t/ha	230830	2.84
TO3: Sequential application of Pendimethalin 30% EC @ 1.00 kg a.i. ha ⁻¹ + Oxyflourfen 23.5 % EC @ 0.25 kg a.i. ha ⁻¹ as post emergence at 5 weeks after transplanting (WAT)	DOG, Rajgurunagar and UAS,Dharwad	33.64	t/ha	281460	3.31

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Weed management in transplanted onion under irrigated conditions
- 2 Problem Definition : Weed Menace
- 3 Details of technologies selected for assessment : Pendimethalin 30% EC @ 1.00 kg a.i. ha⁻¹ as pre emergence and Oxyflourfen 23.5 % EC @ 0.25 kg a.i. ha⁻¹ at 5 WAT.
- 4 Source of technology : UAS,Dharwad
- 5 Production system and thematic area : Irrigated & Integrated Weed Management
- 6 Performance of the Technology with performance indicators: Weed index & higher bulb weight
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 : Sequential application of pendimethaline followed by oxyfluorofen controls weeds effectively and increase the onion yield
- 10 Process of farmers participation and their reaction : This application takes care of Cuscuta (parasitic weed) in Onion along with other weeds

6. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Maize	Irrigated	Root grub infestatio n	Root grub managem ent in Maize	05	TO 1. FP: Carbofuran 3 G @ 25 kg/ha (Soil application)	No. of root grubs (Number/ mt ²) Grain yield (q/ha) Fodder yield (tons/ha)	5.8 52.00 7.4	52.82	Eco friendly and root grub managed effectively		
					TO 2. RP Metarhizium anisopliae @ 4-8 kg along with FYM @ in June-July months	No. of root grubs (Number/ mt ²) Grain yield (q/ha) Fodder yield (tons/ha)	3.6 54.50 7.5	54.34			

					TO 3. AP: Metarhizium anisopliae in split application i.e. 5 kg + FYM in June month & scnd application in rows (5 kg + FYM) 45 days after first application	No. of root grubs (Number/ mt ²)	2.2	58.85			
						Grain yield (q/ha)	55.85				
						Fodder yield (tons/ha)	7.9				

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
TO 1. FP: Carbofuran 3 G @ 25 kg/ha (Soil application)	Farmers practice	52.82	q/ha	34320	2.85
TO 2. RP Metarhizium anisopliae @ 4-8 kg along with FYM @ in June-July months	UAS, Dharwad	54.34	q/ha	36240	2.99
TO 3. AP: Metarhizium anisopliae in split application i.e. 5 kg + FYM in June month & scnd application in rows (5 kg + FYM) 45 days after first application	Feeler trial conducted at ARS, Sankeshwar on Sugarcane	58.85	q/ha	41286	3.42

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Root grub management in Maize
- 2 Problem Definition : Root grub infestation
- 3 Details of technologies selected for assessment : *Metarhizium anisopliae* @ 4-8 kgs and *Metarhizium anisopliae*@ 10 kgs
- 4 Source of technology : UAS,Dharwad
- 5 Production system and thematic area : Irrigated & Integrated Pest Management
- 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 : *Metarhizium anisopliae* should be seed treated for private yields also.
- 10 Process of farmers participation and their reaction : Eco friendly and root grub managed effectively

7.Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Lime	Irrigated	Canker, Gummos is, mite, leaf miner	Lime Canker management	05	TO 1 : Spraying with COC 2g/l	PDI (%) Yield (q/ha)	15.20 179.02	179.02	Bio- control agents Perform better between anti- biotics		
					TO 2: Spraying with Streptocycline Sulphate 0.5 gm + COC 2g/l (3 sprays)	PDI (%) Yield (q/ha)	13.0 187.02	187.02			
					TO3 : Spraying with <i>pseudomonas florescence</i> @ 10 ml/l (3 sprays)	PDI (%) Yield (q/ha)	18.00 172.60	172.60			

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
TO 1 : Spraying with COC 2g/l	-	179.02	q/ha	62940	2.76
TO 2: Spraying with Streptocycline Sulphate 0.5 gm + COC 2g/l (3 sprays)	UAS, Dharwad	187.02	q/ha	66641	2.83
TO3 : Spraying with <i>pseudomonas florescence</i> @ 10 ml/lit (3 sprays)	NRC on citrus Nagpur	172.60	q/ha	42490	2.20

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

- 1 Title of Technology Assessed : Canker management in lime
- 2 Problem Definition : Canker is major problem in lime
- 3 Details of technologies selected for assessment : Spraying with *Pseudomonas florescence* @ 10 ml/lit (3 sprays)
- 4 Source of technology : NRC on citrus, Nagpur
- 5 Production system and thematic area : Irrigated & Integrated Disease Management
- 6 Performance of the Technology with performance indicators : Percent Disease Index
7. Feedback, matrix scoring of various technology parameters done
through farmer's participation / other scoring techniques : *Pseudomonas florescence* alone is not effective in management of lime canker
- 8 Final recommendation for micro level situation : -
- 9 Constraints identified and feedback for research : -
- 10 Process of farmer's participation and their reaction : Participatory & better quality yield compared to untreated plot

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)					

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented during 2014-15

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	Rain fed	Kharif - 2014	Sunflower	-	DSFH-3	Integrated Crop Management	DSFH-3 early hybrid with wider row spacing (120x5cm), Hexaconazole for powdery mildew management and Spinosad for BHHM Management.	06	06	05	10	15	
		Irrigated	Rabi - 2014	Groundnut	GPBD -4	-	IPDM	IPDM in summer groundnut	06	-	-	-	-	Not implemented Shortage of fund

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	
2	Pulses	Rainfed	Kharif - 2014	Redgram	TS-3R	-	Integrated Pest Management	Wilt tolerant TS-3R Seeds, Seed treatment with Biofertilizers , pheromone traps , NSKE, NPV, Insecticides, Birds perches.	06	06	02	13	15	
		Rainfed	Kharif - 2014	Bengalgram	JG-11	-	Integrated Pest Management	Wilt tolerant variety JG-11 seeds, seed treatment with bio fertilizers , neem based insecticides , NPV, pheromone traps, Bird perches.	06	06	01	14	15	

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	
3	Cereals	Rainfed	Kharif-2014	Bajra	-	Pioneer 86M52	Moisture Conservation	Wider row spacing (120cmx5cm)	06	06	02	13	15	
		Irrigated	Kharif-2014	Maize	-	900M GOLD	Integrated Nutrient Management	Soil application of ZnSo4 @ 25kg/ha & FeSo4@25kg/ha	06	06	13	02	15	
		Irrigated	Rabi-2014	Wheat	UAS-304	-	Integrated Crop Management	Variety UAS-304 seed treatment with biofertilizers, herbicide (PoE Metsulfuron methyl@20g/ha) for weed control & Hexaconazole for rust control	06	06	02	13	15	

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	
		Irrigated	Rabi-2014	Wheat	DDK-1029	-	Integrated Crop Management	Variety DDK-1029 non lodging variety, seed treatment with Tricoderma, Hexaconazole for rust and leaf blight management.	06	06	02	13	15	
		Raifed	Kharif & Rabi-2014	Onion + Jowar			Cropping system	Relay cropping of onion in <i>kharif</i> followed by sorghum in <i>rabi</i> season	06	06	07	08	15	
4	Millets													
5	Vegetables	Irrigated	Rabi-2014	Onion			IPDM	Spray with Hexaconazole @ 1ml/lit + Acitamaprid @0.25g/lit – 2 sprays	04	04	05	05	10	

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	
6	Flowers													
7	Ornamental													
8	Fruit	Irrigated	Rabi-2014	Pomegranate			IPM	Hasta bahara spraying of Bordeaux mix @1% before and after pruning , stem smearing with COC@-- spraying with bacterinashak @0.05%+ COC@2g/l spray Pseudomonas florescance @10g/l (spray) micronutrient Zn,Boron, MgSo4 and Clac2 @1g/l	2.4	2.0	04	01	05	

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	
		Irrigated	Rabi-2014	Lime	Kagzi	-	IPDM	Spraying with Bacterinashak @0.05g/l + COC@2g/l (3 sprays) , removal of dead parts	04	04	05	05	10	
		Irrigated	Rabi-2014	Grape	-	-	ICM	Mite & mealy bug management in grape	04	-	-	-	-	Not implemented due to shortage of funds
9	Spices and condiments													
10	Commercial	Irrigated	Rabi-2014	Bt.Cotton	-	-	IPM	Spraying with Imidacloprid @ 1ml/4l , spraying with acephate @ 1g/l, MgSo4 @ 10g/l(70 DAS), planofix (NAA)@0.25ml/1 (55 DAS) and KNO3 @ 5g/l (90 DAS).	06	06	02	13	15	

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	
	Commercial	Irrigated	Kharif - 2014	Sugarcane	Co-86032	-	ICM	Single eye bud seedling planting technique (variety – Co-869032) at spacing of 180x60cm	02	02	00	04	04	

5.A. 1. Soil fertility status of FLDs plots during 2014-15

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety / breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
1	Oilseeds	Rainfed	Kharif -2014	Sunflower	-	DSFH-3	Integrated Crop Management	DSFH-3 early hybrid with wider row spacing (120x5cm) , Hexaconazole for powdery mildew management and Spinosad for BHHHC Management.	Kharif -2014				Bengalgram
		Irrigated	Rabi - 2014	Groundnut	GPBD-4	-	IPDM	IPDM in summer groundnut	Rabi - 2014				-
2	Pulses	Rainfed	Kharif -2014	Redgram	TS-3R	-	Integrated Pest Management	Wilt tolerant TS-3R Seeds, Seed treatment with Biofertilizers , pheromone traps , NSKE, NPV, Insecticides, Birds perches.	Kharif -2014				Redgram , Bengalgram, Sorghum

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
		Rainfed	Kharif -2014	Bengalgram	JG-11	-	Integrated Pest Management	Wilt tolerant variety JG-11 seeds, seed treatment with bio fertilizers , neem based insecticides , NPV, pheromone traps, Birds perches.	Kharif -2014				Jowar
3	Cereals	Rainfed	Kharif -2014	Bajra	-	86M52	Moisture Conservation	Wider row spacing (120cmx5cm)	Kharif -2014	225	13	323	Redgram
		Irrigated	Kharif -2014	Maize	-	900M GOLD	Integrated Nutrient Management	Soil application of ZnSo4 @ 25kg/ha & FeSo4@25kg/ha	Kharif -2014	250	23.5	370	Ratoon sugarcane, groundnut

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
	Cereals	Irrigated	Rabi-2014	Wheat	UAS-304	-	Integrated Crop Management	Variety UAS-304 seed treatment with biofertilizers, herbicide (PoE Metsulfuron methyl@20g/ha) for weed control & Hexaconazole for rust control	Rabi-2014	240	14	340	Kharif groundnut, ratoon sugarcane
		Irrigated	Rabi-2014	Wheat	DDK-1029	-	Integrated Crop Management	Variety DDK-1029 non lodging variety, seed treatment with Tricoderma, Hexaconazole for rust and leaf blight management.	Rabi-2014				Kharif groundnut, ratoon sugarcane
		Rainfed	Kharif & Rabi-2014	Onion + Jowar	-	-	Cropping system	Relay cropping of onion in <i>kharif</i> followed by sorghum in <i>rabi</i> season	Kharif & Rabi-2014	242	15	328	Redgram

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
5	Vegetables	Irrigated	Rabi-2014	Onion	Punapusangi	-	IPDM	Spray with Hexaconazole @ 1ml/lit + Acitamaprid @0.25g/lit – 2 sprays	Rabi-2014				Maize
8	Fruit	Irrigated	Rabi-2014	Pomegranate	Kesar	-	IPM	Hasta bahara spraying of Bordeaux mix @1% before and after pruning , stem smearing with COC@- -spraying with bacterinashak @0.05%+ COC@2g/l spray Pseudomonas florescance @ 10g/l (spray) micronutrient Zn,Boron, MgSo4 and Clac12 @ 1g/l	Rabi-2014				Pomegranate
		Irrigated	Rabi-2014	Lime	Kagzi	-	IPDM	Spraying with Bacterinashak@0.05g /l + COC@2g/l (3 sprays) , removal of dead parts	Rabi-2014				Lime

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
		Irrigated	Rabi-2014	Grape	-	-	ICM	Mite & mealy bug management in grape	Rabi-2014				Grape
10	Commercial	Irrigated	Rabi-2014	Bt.Cotton	Bt.Cotton	-	IPM	Spraying with Imidacloprid @ 1ml/4l , spraying with acephate @ 1g/l, MgSo4 @ 10g/l(70 DAS), planofix (NAA)@0.25ml/l (55 DAS) and KNO3 @ 5g/l (90 DAS).	Rabi-2014				Chickpea, Redgram
		Irrigated	Kharif-2014	Sugarcane	CO-86032	-	ICM	Single eye bud seedling planting technique (variety – Co-869032) at spacing of 180x60cm	Kharif-2014	265	14	340	Maize, wheat

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	DSFH-3 Sunflower hybrid with wider row spacing	-	DSFH-3	Rainfed	15	06	20.00	10.25	16.54	14.97	10.51	16250	59544	43294	3.66	17317	53880	36563	3.12
Groundnut	IPDM in Summer groundnut	GPBD-4	-	Irrigated	15	06	Not implemented												
Pulses																			
Redgram	Demonstration of IPM in Redgram	TS-3R	-	Rainfed	15	06	14.50	7.50	11.67	10.37	12.53	16500	59354	43034	3.61	17541	52870	35329	3.03
Bengalgram	Introduction of variety with IPM in Bengalgram	JG-11	-	Rainfed	15	06	16.50	10.50	12.91	11.04	16.93	9800	46464	36664	4.75	10279	39744	29465	3.88
Cereals																			
Bajra	Wider row spacing (120cmx5cm)	-	86M52	Rain fed	15	06	18.10	14.50	16.60	12.40	33.87	10210	16713	6503	1.63	10680	12440	1760	1.16

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demon.	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
							Demo				Check	Gross Cost	Gross Return	Net Return	** BC R	Gross Cost	Gross Return	Net Return	** BC R
							H	L	A										
Maize	Micronutrient management in maize	-	900M GOLD	Irrigated	15	06	65.40	58.50	62.20	51.40	23.0	18477	71476	53000	3.87	17557	59129	41572	3.37
Wheat	ICM in Wheat	UAS-304	-	Irrigated	15	06	37.0	34.0	34.97	25.77	35.70	18020	80147	62127	4.45	17307	59113	41806	3.42
Wheat	Demonstration of DDK-1029 variety in Wheat	DDK-1029	-	Irrigated	15	06	33.0	18.0	26.40	22.17	19.07	19180	63360	44180	3.30	18860	53216	34356	2.88
Cropping system	Relay cropping of onion in <i>kharif</i> followed by sorghum in <i>rabi</i> season	Onion +Jowar	-	Rainfed	15	06	45.20	34.50	39.50 (o)11.3(s)	12.15	-	27701	83526	55825	3.02	10283	24296	14013	2.36

Crop	Name of the technology demonstrated	Variety	Hybrid	Farmin g 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	** BC R	Gross Cost	Gross Return	Net Return	** BC R
							H	L	A										
Onion	IPDM in Onion	Punapusangi	.	Irrigated	10	04	32.0	26.0	28.38	23.79	19.0	111930	306480	19450	2.46	121100	257280	136180	1.91
Fruit																			
Pomegranate	Plant protection in Pomegranate	Kesar	.	Irrigated	06	2.4	10.80	9.50	10.20	9.17	11.23	113167	459075	345908	4.07	102833	366667	263833	3.58
Lime	IPDM in lime (defoliators, canker & mite management)	Kagzi	.	Irrigated	06	2.4	205	178	191	17.3	10.08	41000	104775	63775	2.56	35780	77873	42093	2.18
Grape	Mite & mealy bug management in Grape	.	.	Irrigated	10	04	Not implemented												

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demos	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										
Bt.Cotton	IPM in Bt Cotton	-	Bt.Cotton	Irrigated	15	06	21.0	15.50	18.17	16.04	13.27	19200	76300	57100	3.97	18860	67368	48508	3.62
Sugarcane	Popularization of planting methods in sugarcane	Co-86032	-	Irrigated	05	2.0	175	140	161.30	133.3	21.0	124750	354750	230000	2.80	130250	293150	162900	2.30

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

** BCR= GROSS RETURN/GROSS COST

H – Highest Yield, L – Lowest Yield A – Average Yield

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				
Crop Name	Parameter	Unit	Demo	Check
Sunflower	PDI	Percentage	10.09	14.97
	Yield	q/ha	16.54	14.97
Groundnut	-	-	-	
Redgram	Wilt	Percentage	3.51	10.27
	Podborer	Percentage	7.50	12.00
	Yield	q/ha	11.67	10.37
Bengalgram	Wilt	Percentage	2.37	5.87
	Podborer	Percentage	8.37	12.52
	Yield	q/ha	12.91	11.04
Bajra	Yield	q/ha	16.60	12.40
	No. of tillers/plant	No's	8.60	3.46
	PDI(Rust)	Percentage	3.61	8.41
Maize	Yield	q/ha	62.30	50.47
	No. of grains/cob	No's	417	354
	100seed weight	Grams	30	28
	Tip filling	-	Good	Not good
Wheat	Yield	q/ha	34.97	25.77
	Weed index	Percentage	8.0	32.0
	PDI(Rust)	Percentage	1.0	4.0
Wheat	Yield	q/ha	26.40	22.17
	Lodging	Percentage	2.41	19.27
Cropping system	Yield	q/ha	39.5(O) + 11.3(S)	12.15(S)
	Bulb weight onion	Gram	46.0	-
	Test weight sorghum	Gram	3.4	3.5
Onion	PDI	Percentage	8.69	11.29

	Thrips	Percentage	7.30	11.45
	Yield	t/ha	25.54	21.44
Pomegranate	PDI	Percentage	12.41	18.02
	Thrips	Percentage	10.00	12.13
	Yield	t/ha	10.20	9.17
Lime	PDI	Percentage	15.00	21.00
	Thrips	Percentage	10.40	14.25
	Yield	t/ha	19.10	17.30
Grape	-	-	-	-
Bt.Cotton	Leaf hoppers/ 3 leaf	No's	9.14	12.78
	Bollworm incidence	Percentage	6.27	8.91
	Yield	Yield (q/ha)	18.17	16.04
Sugarcane	Yield	t/ha	161.3	133.3
	No. of tillers / plant	No's	18.4	7.2
	Single cane weight	kg	2.44	1.44

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

5.B.3. Fisheries : Nil

5.B.4. Other enterprises :

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

5.B.6. Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	07	430	
2	Farmers Training	13	325	
3	Media coverage	07	-	
4	Training for extension functionaries	02	50	
5	Others (Group meeting)	04	325	

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)			Check	% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo					Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Cereals																	
Bajra	Wider row spacing in bajra	86M52	15	06	18.10	14.50	16.60	12.40	33.87	10210	16713	6503	1.63	10680	12440	1760	1.16
Maize	Micronutrient management in maize	900M gold	15	06	65.40	58.50	62.20	51.40	23.00	18477	71476	53000	3.87	17557	59129	41572	3.37
Total	30	12	83.5	73	78.8	63.8	56.87	28687	88189	59503	5.5	28237	71569	43332	4.53	30	12
Oilseeds																	
Sunflower	DSFH-3 early hybrid with wider row spacing (120x5cm), Hexaconazole for powdery mildew management and Spinosad for BHHC Management.	DSFH-3	15	06	20.0	10.25	16.54	14.97	10.51	16250	59544	43294	3.66	17317	53880	36563	3.12
Total			15	06	20.0	10.25	16.54	14.97	10.51	16250	59544	43294	3.66	17317	53880	36563	3.12

Type of Breed	Name of the technology demonstrated	Name of the hybrid	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										
Sugarcane																	
Cotton	IPM in Bt Cotton	Bt.Cotton	15	06	21.0	15.50	18.17	16.04	13.27	19200	76300	57100	3.97	18860	67368	48508	3.62
Total			15	06	21.0	15.50	18.17	16.04	13.27	19200	76300	57100	3.97	18860	67368	48508	3.62

H-High L-Low, A-Average

*Please ensure that the name of the hybrid is correct pertaining to the crop specified

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										
Weed Management	1	18	0	18	3	0	3	21	0	21
Integrated Crop Management	8	213	0	213	23	0	23	236	0	236
Soil and Water Conservation	1	40	0	40	10	0	10	50	0	50
Integrated Nutrient Management	1	18	0	18	3	0	3	21	0	21
Soil Health and Fertility Management										
Soil fertility management	1	115	0	115	22	0	22	137	0	137
Soil and water testing	2	70	2	72	8	0	8	78	2	80
Livestock Production and Management										
Animal Disease Management	1	100	15	115	37	10	47	137	25	162
Plant Protection										
Integrated Pest Management	2	27	0	27	1	0	1	28	0	28
Integrated Disease Management	1	35	0	35	0	0	0	35	0	35
Capacity Building and Group Dynamics										
Leadership development	1	26	0	26	4	0	4	30	0	30
TOTAL	19	662	17	679	111	10	121	773	27	800

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										
Weed Management	1	20	0	20	5	0	5	25	0	25
Integrated Crop Management	21	539	8	540	105	2	105	645	10	6460
Soil and Water Conservation	1	170	10	180	10	0	10	180	10	190
Integrated Nutrient Management	1	15	0	15	5	5	10	20	5	25
Soil Health and Fertility Management										
Soil fertility management	1	170	10	180	10	0	10	180	10	190
Home Science/Women empowerment										
Value addition	1	40	0	40	5	0	5	45	0	45
Women empowerment	2	0	72	72	0	8	8	0	80	80
Plant Protection										
Integrated Pest Management	7	250	52	302	32	0	32	282	52	334
Integrated Disease Management	5	131	0	131	13	0	13	144	0	144
Others (PPV & FRA)	1	150	10	160	25	5	30	175	15	190
TOTAL	41	6345	162	6507	1156	20	1176	7501	182	7683

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
Planting material production	1	12	0	12	4	0	4	16	0	16
Dairying	1	100	15	115	37	10	47	137	25	162
TOTAL	2	112	15	127	41	10	51	153	25	178

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

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
Any other (Soil testing)	1	24	2	26	4	0	4	28	2	30
Total	1	24	2	26	4	0	4	28	2	30

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

7.G. Sponsored training programmes conducted

S. No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			M	F	T	M	F	T	M	F	T
1	Production and value addition										
2.a.	Fruit Plants	1	40	0	40	5	0	5	45	0	45
3.	Soil health and fertility management	2	96	0	96	14	0	14	110	0	110
10	Livestock production and management										
10.b.	Animal Disease Management	1	100	15	115	37	10	47	137	25	162
12	Agricultural Extension										
12.a.	Capacity Building and Group Dynamics	1	26	0	26	4	0	4	30	0	30
	Total	5	262	15	277	60	10	70	322	25	347

Details of sponsoring agencies involved

1.KSDA

2.KSDH

3.ATMA

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

S.No.	Area of training	No. of Courses	No. of Participants									
			General			SC/ST			Grand Total			
			M	F	T	M	F	T	M	F	T	
4.	Income generation activities											
4.i.	Tailoring, stitching, embroidery, dying etc.	2	0	26	26	0	2	2	0	28	28	
	Grand Total	2	0	26	26	0	2	2	0	28	28	

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		
		M	F	T	M	F	T	M	F	T
Field Day	9	406	0	406	35	0	35	10	0	10
Kisan Mela	1	500	100	600	75	25	100	02	0	02
Kisan Ghosthi	1	650	65	715	50	0	50	20	05	25
Exhibition	2	10000	150	10150	65	0	65	25	10	35
Method Demonstrations	2	110	0	110	0	0	0	0	0	0
Workshop	01	-	-	-	-	-	--	-	-	-
Group meetings	7	212	0	212	3	0	3	0	0	0
Lectures delivered as resource persons	10	200	0	200	20	0	20	0	0	0
Newspaper coverage	10	-	-	-	-	-	--	-	-	-
Radio talks	5	0	0	0	0	0	0	0	0	0
TV talks	05	0	0	0	0	0	0	0	0	0
Popular articles	09									
Extension Literature	23	-	-	-	-	-	--	-	-	-
Advisory Services	250	-	-	-	-	-	--	-	-	-
Scientific visit to farmers field	167	-	-	-	-	-	--	-	-	-
Farmers visit to KVK	150	-	-	-	-	-	--	-	-	-
Diagnostic visits	03	13	0	13	05	0	05	02	01	03

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No. of extension personnel		
		M	F	T	M	F	T	M	F	T
Exposure visits	01	10	0	10	02	0	02	0	0	0
Ex-trainees Sammelan										
Soil health Camp	02	200	10	210	10	0	10	0	0	0
Animal Health Camp	1	120	0	120	0	0	0	0	0	0
Agri mobile clinic										
Soil test campaigns	2	200	0	200	20	0	20	220	0	220
Celebration of important days (specify)	4	387	37	424	80	5	85	0	0	0
Any Other (Krishi Utsava)	2	600	50	650	100	10	110	0	0	0
Total	667	13608	412	14020	465	40	505	279	16	295

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs 2014-15

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Sorghum	M35-1	-	34.9	-	-
Oilseeds						
Pulses	Greengram	Sel-4	-	4.24	22472	-
	Redgram	TS-3R	-	19.00	79800	-
	Bengalgram	JG-11	-	17.8	-	-
Total		04	-	75.94	102272	-

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
Fruits						
	Lime	Kagzi	-	8000	-	-
	Guava air layers	L-49	-	1500	-	-
	Grape	Dogridge	-	500	5000	01
Total				10000	5000	01

9.C. Production of Bio-Products : Nil

9.D. Production of livestock materials : Nil

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	Use of Vermi compost in pomegranate cultivation	S.M.Vastrad, S.S.Karbhantnal, S.Y.Wali and S.S.Nooli	2000
	Management of Cuscuta in transplanted onion	M.B.Patil, S.S.Nooli, A.K.Guggari and S.Y.Wali	0
Technical reports	-	-	-
News letters	Valume-05	Dr.S.Y.Wali, Dr.Prema Patil,Dr.S.M.Vastrad,Dr.S.S.Nooli & Mr.S.C.Rathod	500
Technical bulletins	Integrated management in pigeon pea and chickpea	D.M Kambrekar A.P.Birader S.M.Vastrad	100
	FFS on Safflower	Dr.Prema B Patil,S.Y.Wali, S.S.Nooli& S.M.Vastrad	500
	Aahara badrathe haggi utama arogyakagi kirudhanagalu	Dr.Prema B Patil	200
	Production technology in groundnut	S.S.Nooli S.M.Vastrad, Sadashivanagoud S.N.O	500
	Production technology in redgram	S.S.Nooli S.M.Vastrad, Sadashivanagoud S.N.O	500
Popular articles	Kabbina halu prakrutiya paripurna athabhuta aahara	Patil.P.B, Vastrad S.M.,& Karbhantanal S.S	10000
	Production technology in Sugarcane	S.S.Nooli, S.Y.Wali	10000
	Single eye bud planting technique in sugarcane	S.S.Nooli, S.Y.Wali	0
	Road map to graceful aging	Patil P.B	0
	Wider spacing in crops helps tide over water scarcity	S.S.Nooli, S.Y.Wali	0
	Disease management in sugarcane	S.M.Vastrad S.S.Karbhantnal,	0
	Disease management in Sunflower, Pigeonpea and chickpea	S.M.Vastrad S.S.Chatti Shalinisagar	2000
	Sarva shreshtha amrutaha sanjeevini cholestral	Patil.P.B & Wali,S.Y	500
	Production technology in red gram	S.S.Nooli, S.Y.Wali	500
Extension literature	Foot and mouth disease management	S.S.Nooli and S.Y.Wali	1000
	Jolada Moulya vardhita padarthagalu	Dr.Prema B Patil	1000

Item	Title	Authors name	Number
	Reclamation problematic soils	Dr.S.S.Nooli	1000
	IPM in Chikpea	Dr.D.N.Kambrekar Dr.A.P.Biradar Dr.S.M. Vastrad	500
	IPM in pigeon pea	Dr.D.N.Kambrekar Dr.A.P.Biradar Dr.S.M. Vastrad	500
	IPM in sunflower	Dr.D.N.Kambrekar Dr.A.P.Biradar Dr.S.M. Vastrad	500
	Drudgery reducing implements for farm women	Dr.Prema B Patil	500
	Krishoriyarigagi	Dr.Prema B Patil	500
	Usage of chemical fertilizers based on its soil testing	S.S.Nooli B.C.Kohlar Sadashivanagoud S.N.O	1000
	Role of organic fertilizers in improving sil fertility	S.S.Nooli B.C.Kohlar Sadashivanagoud S.N.O	1000
	Low cost technology practiced by farmers	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Drip irrigation Technology	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Management of problematic soils	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Cultivation aspects in redgram	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Recent cultivation aspects in sugarcane	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Striga Management in jowar	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Improved cultivation aspects in Rabi jowar	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Weed management in sugarcane	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	Laser land leveller	S.S.Nooli S.M. Vastrad, Sadashivanagoud S.N.O	1000
	PPVFRA mandates and special features	S.S.Nooli S.M. Vastrad, P.B.Patil	1000
	Pomegranate disease management	S.M. Vastrad, S.S.Karbhantanal,S.S.	500
	Sunflower disease management	Dr. S.M.Vastrad,S.S.Nooli & D.N.Kamberakar	1000
	Pigeonpea disease management	Dr. S.M.Vastrad, S.S.Nooli & D.N.Kambarekar	1000
Others (Pl. specify)			
TOTAL	41	-	47300

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1	CD	Production technology in redgram	02
2	CD	SSI in Sugarcane	02
3	CD	Value addition to sorghum	02

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).

The Broad outline for the case study may be

Title

Background

Interventions

Process

Technology

Impact

Horizontal Spread

Economic gains

Employment Generation

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 : 13
 ii. No. of farm families selected : 162
 iii. No. of survey/PRA conducted : 04

10.H. Activities of Soil and Water Testing Laboratory

- Status of establishment of Lab : Established
 1. Year of establishment : 01.09.2005
 2. List of equipments purchased with amount :

Sl. No.	Name of the Equipment	Qty	Cost (Rs)
1.	Ph. Meter	01	8,900.00
2.	Electrical conductivity Bridge	01	9,790.00
3.	Flame Photometer	01	32,040.00
4.	Visible spectro photo meter	01	40,050.00
5.	Electronic automatic KEL Plus digestion system and Nitrogen distillation system	01	1,42,844.00
6.	Shaking machine	01	47,025.00
7.	Electronic weighing machine	01	57,000.00
8.	Physical balance	01	10,890.00
9.	Hot air oven	01	16,471.00
10.	Hot plate	01	2,912.00
11	Grinder	01	14,700.00
12.	Water distillation unit	01	62,444.00
13.	Refrigerator	01	12,285.00
Accessories			
1.	Electronic acid neutralizer scrubber for KEL plus digestion and distillation unit	01	42,185.00
2.	Combined electrode for pH meter	01	23,451.00
	Conductivity cell type for conductivity meter	01	
	Glass cuvettes, plastic cuvettes and tungston haloen lamp for spectro photo meter	01	
	Software and interfacing accessories for spectro photo meter	01	
	Calcium filter for flame photo meter	01	
3.	Water softner for water distillation unit	01	16,932.00
	Silica heaters for water distillation unit	01	
TOTAL(A)			5,39,919.00
B.	Laboratory furnitures purchased (Lab tables, Steel cabinet, Lab stools, Lab racks)		3,19,749.00
TOTAL (A+B)			8,59,668.00
Un spent balance			332.00

Details of samples analyzed so far since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	2406	2203	541	481200
Water Samples	759	688	475	76000
Total	3165	2891	1016	557200

Details of samples analyzed during the 2014-15:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	447	375	251	89400
Water Samples	247	228	168	24700
Total	694	603	419	114100

10.I. Technology Week celebration during 2014-15 Yes/No, If Yes

Period of observing Technology Week: From 19.01.2015 to 24.01.2015

Total number of farmers visited : 275

Total number of agencies involved : 05(KVK, KSDA, KSDH , Veterinary Dept. & NGO)

Number of demonstrations visited by the farmers within KVK campus : 03

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	01	50	Production technology in sugarcane
Lectures organized	02	50	Reclamation of problematic soil
Exhibition	01	150	Animal health camp
Farm Visit	02	25	Dairy , vermicompost & seedling production unit
Diagnostic Practical's	-	-	
Supply of Literature (No.)	01	-	Sugarcane production technology
Supply of Seed (q)			
Total number of farmers visited the technology week	07	275	

10. J. Interventions on drought mitigation (if the KVK included in this special programme): Nil

PART XI. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

11.B. Cases of large scale adoption

(Please furnish detailed information for each case) : Nil

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

PART XII - LINKAGES

12.A. Functional linkage with different organizations

Name of organization	Nature of linkage
Department of Agriculture	Joint diagnostic surveys, Trainings, FLD
Dept. of Horticulture	Joint diagnostic surveys, Trainings
Dept of Veterinary and Animal Husbandry	Conducting training
Karnataka Milk Federation	Conducting training programmes
Rural Development and Self- Employment Training Institute (RUDSET) Bijapur	Conducting training programmes
Non Government Organizations (NGO's) such as RUDSET, NYK, etc	Conducting trainings
VVV Clubs	Conducting trainings
Self help Groups	Conducting trainings
Regional Agricultural Research Station	Conducting trainings, demonstrations visits to problematic fields
Agromet Advisory service unit	Tips on weather forecasting
Department of child and women welfare	Conducting trainings
KVIC	Conducting training programme

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

12.B. List Externally Funded Projects / schemes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Role of KVK	Date/ Month of initiation	Funding agency	Amount (Rs.)
Testing fees	Implementing Agency	5/24/2014	Private Company	177251
Testing fees	Implementing Agency	5/26/2014	Private Company	98472
Testing fees of Grape downey mildew	Implementing Agency	5/26/2014	Private Company	75690
Staff Research Project	Implementing Agency	6/10/2014	UAS,Dharwad	150000
Staff Research Project	Implementing Agency	6/10/2014	UAS,Dharwad	225000
Influence of planting geometry in single eye bud seedling planting technique on the sugarcane yield (GOK)	Implementing Agency	8/5/2014	GOK,Bangalore	1000000
Training Programme (Two) Protection of plant varieties and farmers rights authority (ICAR)	Implementing Agency	11/15/2014	PPV&FRA , New Delhi	160000
Front line demonstration oil seeds (DOR Safflower)	Implementing Agency	12/18/2014	DOR,Hyderabad	50000

12.C. Details of linkage with ATMA : Nil

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

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

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
01	Education tour, Workshop , Seminar, Exhibition , Extension activity , Training programme	RKVY	691000	436977	Completed

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 2014	04	8500	05
May	-	-	-
June	18	27243	20
July	04	10038	10
August	11	26145	05
September	14	35823	25
October	11	34176	30
November	04	13120	10
December	10	43286	15
January 2015	11	59990	25
February	-	-	-
March 2015	-	-	-
Total for the year 2014-15	87	258321	145

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	

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.(q)	Cost of inputs	Gross income	
Cereals -									
Jowar	1.10.2014	16.3.2015	04	M35-1	Certified seed	34.9	30000	153560	Stock in hand
Pulses									
Greengram	06.06.2014	22.08.2014	1.2	Sel-4	Foundation seed	4.24	7500	22472	Sold
Redgram	09.07.2014	30.12.2014	2.8	TS-3R	Certified seed	19.00	39200	79800	Sold
Bengalgram	11.10.2014	16.02.2015	3.2	JG-11	Certified seed	17.8	38400	97900	Stock in hand

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	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1	Cow	Deonix HF Cross breed	Milk	40639.7	834769	1300470=40	

13.E. Utilization of hostel facilities : Nil

13.F. Database management

S. No	Database target	Database created
1	FLD Database	Created
2	SMS database	Created

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

Amount sanctioned (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
10,000.00	860762	Farm pond	06	02	-	5402	30	31 lakhs	0.6 ha

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	SBI	Dharwad	-	Comptroller, UAS, Dharwad	-	-	-
With KVK	SBI	Bijapur	000819	Programme Coordinator, KVK, Bijapur	31010226801 10465780871	586002001	SBIN0000819

14.B. Utilization of KVK funds during the year 2014-15(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	60,00000	60,00000	6397175
2	Traveling allowances	50,000	50,000	155216
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	35,000	35,000	208263
B	POL, repair of vehicles, tractor and equipments	35,000	35,000	257537
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	20,000	20,000	63710
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	20,000	20,000	47150
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2,70,000	2,70,000	273175
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	30,000	30,000	28457
G	Training of extension functionaries	10,000	10,000	21105
H	Maintenance of buildings	0	0	0
I	Farmers field school	10,000	10,000	20270
J	Extension activities	10,000	10,000	10851
K	Establishment of Soil, Plant & Water Testing Laboratory	0	0	
L	Library	0	0	3984

TOTAL (A)		65,00,000	65,00,000	75,10,304
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)		65,00,000	65,00,000	75,10,304

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 2012 to March 2013	254679=34	14,19,772	6,67,425	1007026=34
April 2013 to March 2014	1007026=34	2089467	1426868	1669625=34
April 2014 to March 2015	1669625=34	2126536	1672255	2123906=34

15. Details of HRD activities attended by KVK staff during 2013-14

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr.S.S.Nooli	Subject Matter Specialist	Fulbright Jahawar research fellowships opportunity at US	UAS,Dharwad	4/24/2014
Dr.S.Y.Wali	Programme Coordinator	Annual Review Workshop-2013-14	KVK,Ernakulam	5/5/2014
Dr.S.Y.Wali	Programme Coordinator	An interface meeting with the officials from department of Agriculture & line departments and KVKs	Dr.Dwarikimnath hall , GKVK Campus, UAS,Bangalore	5/23/2014
Mr.S.C.Rathod	Programme Assistant (Computer)	Website updating & maintenance	UAS,Dharwad	8/1/2014
Dr.S.M.Vastrad	Subject Matter Specialist	E-pest Surveillance	DOE, Dharwad	8/8/2014

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr.S.M.Vastrad	Subject Matter Specialist	E-pest Surveillance	NIPHM, Hyderabad	10/8/2014
Dr.Prema. B. Patil	Subject Matter Specialist	Frontier technologies in Home Science	UAS,Dharwad	10/28/2014
Mr.S.C.Rathod	Programme Assistant (Computer)	Online Data Base Management	KVK,Suttur	12/16/2014
Dr.S.S.Nooli	Subject Matter Specialist	UGC sponsored one day national seminar on Contemporary issues in Indian Agriculture: Challenges, opportunities and strategies	Shri Sangameshwar Arts and Commerce college ,Chadachan	1/6/2015

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

SUMMARY FOR 2014-15

I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Nutrient Management	Redgram	Response of redgram to boron nutrition	05
Integrated Pest Management	Maize	Root grub management in Maize	05
	Redgram	Introduction of wilt and SMD resistance & high yielding hybrid- ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition	05
	Redgram	Introduction of <i>helicoverpa</i> resistance & high yielding hybrid – ICPHaRL- 4989-7 of pigeon pea under rainfed condition	05
Integrated Disease Management	Lime	Canker management in lime	05
Weed Management	Onion	Weed management in transplanted onion under irrigated conditions	05
Resource Conservation Technology	Redgram	Assessment of hydrogel as a soil amendment for increasing productivity in redgram	05
Total			35

Summary of technologies assessed under livestock : Nil

Summary of technologies assessed under various enterprises : Nil

Summary of technologies assessed under home science : Nil

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops : Nil

Summary of technologies assessed under refinement of various livestock : Nil

Summary of technologies refined under various enterprises : Nil

Summary of technologies refined under home science : Nil

III. FRONTLINE DEMONSTRATION

Crops

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cereals	Moisture conservation	Wider row spacing (120cmx5cm)	01	15	06	16.60	12.40	33.87	No. of tillers(Nos)- 8.60	No. of tillers(Nos)- 3.46	10210	16713	6503	1.63	10680	12440	1760	1.16
	Integrated nutrient Management	Micronutrient management in maize	01	15	06	62.20	51.40	23.0	No. of grains / cob (Nos)- 417	No. of grains / cob (Nos)-354	18477	71476	53000	3.87	17557	59129	41572	3.37
	Integrated crop Management	ICM in Wheat	01	15	06	34.97	25.77	35.70	Weed index(%) – 8.0	Weed index(%) - 32.0	18020	80147	62127	4.45	17307	59113	41806	3.42
	Integrated crop Management	Demonstration of DDK-1029 variety in Wheat	01	15	06	26.40	22.17	19.07	Lodging (%) – 2.41	Lodging (%) - 19.27	19180	63360	44180	3.30	18860	53216	34356	2.88
	Cropping system	Relay cropping of onion in <i>kharif</i> followed by sorghum in <i>rabi</i> season	01	15	06	39.50 (o)11.3(s)	12.15	-	Test weight of sorghum (g)- 3.4	Test weight of sorghum (g)- 3.5	27701	83526	55825	3.02	10283	24296	14013	2.36

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oilseeds	Integrated crop Management	DSFH-3 Sunflower hybrid with wider row spacing	01	15	06	16.54	14.97	10.51	PDI(%)-10.09	PDI(%)-14.97	16250	59544	43294	3.66	17317	53880	36563	3.12
	Integrated Pest & Disease Management	IPDM in Summer groundnut	01	15	06	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses	Integrated Pest Management	Demonstration of IPM in Redgram	01	15	06	11.67	10.37	12.53	Wilt (%) – 3.51	Wilt (%) – 10.27	16500	59354	43034	3.61	17541	52870	35329	3.03
	Integrated Pest Management	Introduction of variety with IPM in Bengalgram	01	15	06	12.91	11.04	16.93	Pod borer(%)-8.37	Pod borer(%)-12.52	9800	46464	36664	4.75	10279	39744	29465	3.88
Vegetables	Integrated Pest & Disease Management	IPDM in Onion	01	10	04	28.38	23.79	19.0	PDI(%) – 8.69	PDI(%) – 11.29	111930	306480	19450	2.46	121100	257280	136180	1.91

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fruit	Integrated Pest Management	Plant protection in Pomegranate	01	06	2.4	10.20	9.17	11.23	PDI(%)-12.41	PDI(%)-18.02	113167	459075	345908	4.07	102833	366667	263833	3.58
	Integrated Pest & Disease Management	IPDM in lime (defoliators , canker & mite management)	01	06	2.4	19.1	17.3	10.08	Thrips(%)-10.40	Thrips(%)-14.25	41000	104775	63775	2.56	35780	77873	42093	2.18
	Integrated Pest Management	Mite & mealy bug management in Grape	01	10	04	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	Integrated Pest Management	IPM in Bt Cotton	01	15	06	18.17	16.04	13.27	Bollworm incidence (%)-6.27	Bollworm incidence (%)-8.91	19200	76300	57100	3.97	18860	67368	48508	3.62
	Integrated crop Management	Popularization of planting methods in sugarcane	01	05	2.0	161.30	133.3	21.0	No. of tillers/ pant (nos)-18.4	No. of tillers/ pant (nos)-7.2	124750	354750	230000	2.80	130250	293150	162900	2.30
Total			15	187	74.8													

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

** BCR= GROSS RETURN/GROSS COST

Livestock : Nil

Fisheries : Nil

Other enterprises :

Women empowerment: Nil

Farm implements and machinery : Nil

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
Cereals										
Bajra	Pioneer 86M52	15	06	16.60	12.40	33.87	10210	13713	6503	1.63
Maize	900M Gold	15	06	62.20	51.40	23.0	18477	71476	53000	3.87
Total		30	12	78.8	63.8	56.87	28687	85189	59503	5.5
Oilseeds										
Sunflower	DSFH-3	15	06	16.54	14.97	10.51	16250	59544	43294	3.66
Total		15	06	16.54	14.97	10.51	16250	59544	43294	3.66
Commercial crops										
Sugarcane										
Cotton	Bt.Cotton	15	06	18.17	16.04	13.27	19200	76300	57100	3.97
Total		15	06	18.17	16.04	13.27	19200	76300	57100	3.97

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										
Weed Management	1	18	0	18	3	0	3	21	0	21
Integrated Crop Management	8	213	0	213	23	0	23	236	0	236
Soil and Water Conservation	1	40	0	40	10	0	10	50	0	50
Integrated Nutrient Management	1	18	0	18	3	0	3	21	0	21
Soil Health and Fertility Management										
Soil fertility management	1	115	0	115	22	0	22	127	0	127
Soil and water testing	2	70	2	72	8	0	8	78	2	80
Others (pl.specify)										
Livestock Production and Management										
Animal Disease Management	1	100	15	115	37	10	47	137	25	162
Plant Protection										
Integrated Pest Management	2	27	0	27	1	0	1	28	0	28
Integrated Disease Management	1	35	0	35	0	0	0	35	0	35
Capacity Building and Group Dynamics										
Leadership development	1	26	0	26	4	0	4	30	0	30
TOTAL	19	662	17	679	111	10	121	763	27	790

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										
Weed Management	1	20	0	20	5	0	5	25	0	25
Integrated Crop Management	21	539	9	540	105	1	105	645	10	6460
Soil and Water Conservation	1	170	10	180	10	0	10	180	10	190
Integrated Nutrient Management	1	15	0	15	5	5	10	20	5	25
Soil Health and Fertility Management										
Soil fertility management	1	170	10	180	10	0	10	180	10	190
Home Science/Women empowerment										
Value addition	1	40	0	40	5	0	5	45	0	45
Women empowerment	2	0	72	72	0	8	8	0	80	80
Plant Protection										
Integrated Pest Management	7	250	52	302	32	0	32	282	52	334
Integrated Disease Management	5	131	0	131	13	0	13	144	0	144
Capacity Building and Group Dynamics										
Others (Pl. specify)	1	150	10	160	25	5	30	175	15	190
TOTAL	41	6345	162	6507	1156	20	1176	7501	182	7683

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
Planting material production	1	12	0	12	4	0	4	16	0	16
Dairying	1	100	15	115	37	10	47	137	25	162
TOTAL	2	112	15	127	41	10	51	153	25	178

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

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
Any other (pl.specify)	1	24	2	26	4	0	4	28	2	30
Total	1	24	2	26	4	0	4	28	2	30

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

Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
2	Production and value addition										
2.a.	Fruit Plants	1	40	0	40	5	0	5	45	0	45
3.	Soil health and fertility management	2	96	0	96	14	0	14	110	0	110
4	Production of Inputs at site										
10	Livestock production and management										
10.b.	Animal Disease Management	1	100	15	115	37	10	47	137	25	162
12	Agricultural Extension										
12.a.	Capacity Building and Group Dynamics	1	26	0	26	4	0	4	30	0	30
	Total	5	262	15	277	60	10	70	322	25	347

Details of Vocational Training Programmes carried out for rural youth

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	
4.	Income generation activities											
4.i.	Tailoring, stitching, embroidery, dyeing etc.	2	0	26	26	0	2	2	0	28	28	
	Grand Total	2	0	26	26	0	2	2	0	28	28	

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	250	-	-	250
Diagnostic visits	03	18	03	21
Field Day	09	441	45	486
Group discussions	07	215	0	215
Kisan Ghosthi	01	765	25	790
Kisan Mela	01	700	02	702
Exhibition	02	10215	35	10250
Scientists' visit to farmers field	167	167	-	167
Plant/animal health camps	01	120	02	122
Farmers' seminar/workshop	01	-	-	-
Method Demonstrations	02	110	-	110
Celebration of important days	04	509	05	514
Exposure visits	01	12	-	12
Others (Soil health camp)	02	220	-	220
Total	451	13492	117	13859

Details of other extension programmes

Particulars	Number
Electronic Media	03
Extension Literature	23
News Letter	02
News paper coverage	10
Technical Bulletins	04
Radio Talks	05
TV Talks	05
Animal health camps (Number of animals treated)	50
Others (popular articles)	09
Total	111

VI. 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	Sorghum	M35-1	34.9	-	-
Oilseeds					
Pulses	Greengram	Sel-4	4.24	22472	-
	Redgram	TS-3R	19.00	79800	-
	Bengalgram	JG-11	17.8	-	-
Total			75.94	102272	-

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
Commercial					
Vegetable seedlings	Lime	Kagzi	8000	-	-
Fruits	Guava air layers	L-49	1500	-	-
	Grape	Dogridge	500	5000	01
Total	03	03	10000	5000	01

Production of Bio-Products : Nil

Production of livestock and related enterprise materials : Nil

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2014-15

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	447	375	251	89400
Water	247	228	168	24700
Total	694	603	419	114100

VIII. SCIENTIFIC ADVISORY COMMITTEE

Number of SACs conducted : 01

IX. NEWSLETTER

Number of issues of newsletter published : 02

X. RESEARCH PAPER PUBLISHED

Number of research paper published : 02

Title	Authors name	Number
Management of Cuscuta in transplanted onion.	M.B.Patil, S.S.Nooli, A.K.Guggari and S.Y.Wali. 2014	
Impact of vermicompost trainings in the use of inorganic fertilizers in horticulture cropping system.	S.M.Vastrad, S.S.Karbhantnal, S.Y.Wali and S.S.Nooli.2014	

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

Activities conducted				
No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
06	02	-	5402	30