

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 Sr. Scientist & Head KVK, Bijapur	08352 - 263283	9448495346	kvkbijapur@gmail.com

1.4. Year of sanction: 2004

1.5. Staff Position (as 31st March 2017)

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	Senior Scientist & Head	Dr.S.Y.Wali	Sr.Scientist & Head	M	Agronomy	Ph.D	37400-67000	-	31.05.2010	Per.	SC
2	Scientist	Dr.S.M.Vastrad	Scientist	M	Plant Protection	M.Sc(Agri.)	15600-39100	-	01.03.2006	Per.	GM
3	Scientist	Dr.Prema B Patil	Scientist	F	Home Science	Ph.D	15600-39100	-	22.06.2007	Per.	GM
4	Scientist	Dr.Shwetha B	Scientist	F	Agri. Engineering	M.Tech	15600-39100	-	16.02.2017	Per	SC
5	Scientist	Dr.Babar Sadhana	Scientist	F	Agronomy	M.Sc(Agri.)	15600-39100	-	02.03.2017	Per	OBC
6	Scientist	Dr.Kapil Patil	Scientist	M	Horticulture	MSc.(Horti.)	15600-39100	-	18.4.2017	Per	GM
7	Scientist	Dr.Sangeeta R Jadhav	Scientist	F	Animal science	M.V.Sc.	15600-39100	-	28.04.2017	Per	SC
9	Programme Assistant	Mr.M.A.Gaddanakeri	Programme Assistant	M	Soil science	M.Sc(Agri.)	9300-38400	-	02.05.2016	Per	OBC
10	Computer Programmer	Mr.S.C.Rathod	Programme Assistant	M	Computer programmer	MCA, PGDCA	9300-38400	-	16.12.2008	Per.	SC
	Farm Manager	Mr.Krishna Naik L	Farm Manager	M	Entomology	M.Sc(Agri.)	9300-38400	-	27.07.2015	-	SC

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	Accountant/Superintendent	Mr.S.E.Badiger	Sr. Assistant		Sr. Assistant	MA	20000-36300		01.04.2004	Per.	OBC
12	Stenographer	Vacant	Typist		-		16000-29600		-	-	-
13	Driver 1	Vacant	Driver LVD				14550-26700				
14	Driver 2	Vacant	Driver				11600-21000		-	-	-
15	Supporting staff 1	Smt. Anita S Dodamani	Supporting staff 1		Asst. cook cum care taker	PUC	10400-16400		23.11.2016	Per.	SC
16	Supporting staff 2	Smt.Shridevi Goudannavar	Supporting staff 2		Messenger	BA	9600-14550		20.01.2014	Per.	GM

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.	Farmers Hostel							
3.	Staff Quarters							
	1							
	2							
4.	Demonstration Units							
	1							
	2							
5	Fencing							
6	Rain Water harvesting system	ICAR	April - 2008	3165 cum	8,60,726	-	-	Constructed
7	Threshing floor							
8	Farm godown							
9								

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2003	3,24,238	7299 hrs	Good
TOYOTA Qualis	2004	4,64,034	356951	Good
Hero Honda KA-25 EC-7517	2009	49,500	51323	Good
Hero Honda KA-25 EC-7527	2009	49,500	55210	Good

C) Equipments & AV aids

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

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
HTP pump with oil engine	8/31/2012	20889	Good Condition
Milking machine- single bucket power operated	3/30/2013	42000	Good Condition

1.8. Details SAC meeting conducted in 2015-16

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
1.	13.06.2017			Lime being the major crop of the district, bahar management programmes need to be conducted and based on the market demand yield of lime can be managed.	FLDs, Trainings, OFTS on Lime is being conducted from 2010-11 and continued.
2.				Programme for publicity of value added products of sorghum developed by KVK need to be planned	The value added products have been registered and exhibited regularly in Krishi mela and now being placed in Malls at Vijayapura & Hubli
3.				KVK needs to develop fodder cafeteria of 10 to 20 varieties and make available fodder seeds and fodder slips for farmers	KVK had fodder museum and now it will be reinitiated.
4.				Dairy being a good alternate enterprise for regular income generated in the district, fodder seeds & slips need to be given to the farmers. Fodder cafeteria need to be established in all four directions of the district in farmers field.	FLDs on fodder bank have been proposed in action plan 2017-18 and has been initiated
5.				Programmes for regular availability of seeds of pulses for NGOs need to be planned	Under seed hub programme 200 quintal of pigeonpea and 250 quintal of chickpea production has been initiated.
6.				Information on	10 FLDs have been

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
				Integrated fish culture management in farm ponds need to be given to farmers	conducted during 2016-17 and continued in this year
7.				Training on protective cultivation for different crops given to farmers.	3 trainings conducted
8.				Nearly 7300 ha is under lime cultivation in the district, hence awareness programme on increasing the spacing need to be given to farmers	Regularly given in trainings
9.				Registration of BIJO brand used for value added products need to be done	Registration applied
10.				Impact assessment of various technologies transferred by KVK should be gathered and presented	Will be presented in forth coming SAC meeting
11.				As KVK is conducting programmes in collaboration with PPV &FRA, efforts to register the traditional varieties need to be carried out.	3 local varieties of lime, garlic and sesame has been sent for registration.
12.				Information on striga management in sugarcane need to be given to farmers	FLDs on striga management have been conducted
13.				Technology on production of different varieties of sugarcane seedlings need to be given to farmers.	SSI technology is being promoted through FLDs and trainings.
14.				Awareness programme on new varieties of onion i.e Bhima shakti & Bhima super need to be conducted.	Both varieties are being promoted by KVK through FLDs and trainings
15.				Awareness on semi stall feeding in goat rearing needs to be popularized	Demo unit is established at KVK and is being promoted

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
				and success stories regarding the same need to be developed.	through vocational trainings

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</i>/summer. 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
1	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.
2	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)
3	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.
4	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
1	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
2	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

S. No	Agro ecological situation	Characteristics
3	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
4	Medium deep black soil with <i>kharif</i> irrigation	Tqs: B. Bagewadi Crops: Onion, maize, cotton and redgram
5	Red soil and shallow soils with <i>kharif</i> irrigations	Tqs: Indi Crops: Groundnut
6	Medium to deep black soil with <i>rabi</i> irrigation	Tqs: B. Bagewadi, Indi, Sindgi Crops: Wheat and Onion
7	Cropping with bi seasonal irrigation	Tqs: Indi and Bijapur Crops: Cotton and redgram
8	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	2,34,113

S. No	Soil type	Characteristics	Area in ha
		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.	
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. Such soils are predominantly put under <i>kharif</i> crops and under favorable seasonal conditions double cropping is noticed.	48,061
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			
1.	Maize (K)	75996	96242	1569
2.	Bajra	65425	28246	479
3.	Minor millets	1342	402	300
4.	Redgram	189677	31050	314
5.	Horse gram (K)	9912	1610	186
6.	Horsegram (<i>Rabi</i>)	3260	976	300
7.	Green gram	18761	1328	58
8.	Cowpea (K)	1213	572	413
9.	Cowpea and other pulses (<i>rabi</i>)	840	232	276
10.	Groundnut	68491	37391	507
11.	Sunflower	59598	26514	234
12.	Niger	1091	467	308
13.	Sesamum	624	459	428
14.	Soybean	318	222	700
15.	Cotton	10524	7636(t)	372
16.	Sugarcane (K)	71343	1892149(t)	72(t/ha)
17.	Sugarcane (<i>Rabi</i>)	21428	2142800(t)	100 (t/ha)
18.	Sugarcane (Summer)	4935	493500(t)	100 (t/ha)
19.	Sorghum	190629	59113	850
20.	Wheat	63974	76446	999
21.	Bengal gram	156892	126428	703
22.	Safflower	5868	3393	482
23.	Linseed	3209	1190	399
	Fruit crops			
24.	Mango	246	1157	07(t/ha)
25.	Banana	618	64878	23(t/ha)
26.	Lime	2787	53256	25(t/ha)
27.	Guava	107	237	20(t/ha)
28.	Sapota	232	2589	10(t/ha)
29.	Pomegranate	1107	17893	7.0(t/ha)
30.	Papaya	36	2401	35(t/ha)
31.	Ber	150	4500	30(t/ha)
32.	Custard Apple	64	448	07(t/ha)
33.	Grape	5464	185261	15(t/ha)
34.	Fig	28	84	03(t/ha)
35.	Other fruit crops	95	380	04(t/ha)

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
	Vegetable crops			
36.	Tomato	1181	5730	31.64(t/ha)
37.	Brinjal	527	5712	25(t/ha)
38.	Beans	62	274	06(t/ha)
39.	Onion	9756	43391	24(t/ha)
40.	Green chilli	1036	7252	07(t/ha)
41.	Sweet Potato	105	1260	12(t/ha)
42.	Cabbage	06	102	17(t/ha)
43.	Cauli flower	08	136	17(t/ha)
44.	Lady's finger	352	2464	07(t/ha)
45.	Radish	210	21100	10(t/ha)
46.	Beet root	05	65	13(t/ha)
47.	Carrot	195	4095	21(t/ha)
48.	Capsicum	49	441	09(t/ha)
49.	Cluster beans	128	1024	08(t/ha)
50.	Drum stick	102	1122	11(t/ha)
51.	Water melon	23	644	28(t/ha)
52.	Methi	195	1950	10(t/ha)
53.	Palak	115	1150	10(t/ha)
54.	Amaranthus	37	296	08(t/ha)
55.	Curry leaves	120	600	05(t/ha)
56.	Other leafy vegetables	133	665	05(t/ha)
57.	Ash gourd	10	210	21(t/ha)
58.	Snake gourd	51	867	17(t/ha)
59.	Bitter gourd	86	774	09(t/ha)
60.	Ridge gourd	120	960	08(t/ha)
61.	Other gourds	66	660	10(t/ha)
62.	Other vegetables	126	882	07(t/ha)
63.	Spice crops			
64.	Tamarind	240	1200	05(t/ha)
65.	Turmeric	61	549	09(t/ha)
66.	Garlic	515	6180	12(t/ha)
67.	Dry chillies	832	4160	05(t/ha)
68.	Coriander	599	2396	04(t/ha)
69.	Fenugreek	149	447	03(t/ha)
70.	Other spice crops	133	798	06(t/ha)
	Plantation crops			
71.	Coconut	283	14.72 lakh nuts	0.05 lakh nuts
72.	Betelvine	31	620 lakh leaves	20 lakh leaves
73.	Oil palm	522	-	-

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
74.	Other garden / plantation crops	123	861	07
	Flower crops			
75.	Aster	06	03	0.5(t/ha)
76.	Crossandra	02	02	1(t/ha)
77.	Marigold	152	1520	10(t/ha)
78.	Jasmine	63	441	07(t/ha)
79.	Chrysanthemum	58	348	06(t/ha)
80.	Tuberose	47	150	03(t/ha)
81.	Rose (Lakh flowers)	77	77	01(t/ha)
82.	Gerbera (Lakh flowers)	22	22	01(t/ha)
83.	Other flower crops	62	186	03(t/ha)
	Medicinal and Aromatic plants			
84.	Medicinal plants	57	171	03(t/ha)
85.	Lemon grass	24	168	07(t/ha)
86.	Other Aromatic plants	45	135	03(t/ha)

* Please provide latest data from authorized sources. Please quote the source

2.5. Weather data 2016-17

Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
		Maximum	Minimum	AM(%)	PM(%)
April-2016	19.6	40.9	25.0	56	21
May-2016	46.0	39.7	24.1	72	29
June-2016	51.8	33.1	22.7	86	55
July-2016	169.2	30.0	21.7	91	65
August-2016	48.2	30.6	21.3	90	60
September-2016	133.7	29.8	20.8	92	64
October-2016	12.00	31.6	18.2	76	44
November-2016	0.0	31.2	14.0	73	32
December-2016	0.0	30.5	12.8	72	34
January-2017	0.0	30.6	13.5	67	32
February-2017	0.0	34.5	15.7	56	25
March-2017	3.6	36.9	20.1	51	24

* Agro meteorology RARS, Vijayapur

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 2016-17 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	Vijayapur	Makanapur	Makanapur Sirmal	2015-16 , 2016-17 2 year	Bajra Sorghum Wheat Pigeonpea Lime	<ul style="list-style-type: none"> Moisture stress Water scarcity, Non availability of high yielding varieties in sorghum Non availability of high yielding varieties in Wheat Non availability of high yielding varieties in Redgram Citrus butterfly. Leaf miner, mite, canker and gummosis. 	<ul style="list-style-type: none"> Soil and water conservation practices in dry land areas. Introduction of varieties in sorghum, Introduction of varieties in Wheat Introduction of new variety ICM in Lime
					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, unemployment and unaware of valuaddition	Self employment, drudgery reduction & Value addition activities

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	Hireroogi	Hireroogi Tamba Hirebevanoor	2015-16 , 2016-17 2 year	Bajra Wheat Lime Pomegranate Groundnut Sunflower Chickpea Linseed	<ul style="list-style-type: none"> Moisture stress & water scarcity Non availability of high yielding varieties in wheat Citrus butterfly. Leaf miner, mite, canker and gummosis. Bacterial Blight in pomegranate Low yielding varieties Low yielding varieties Pest and disease 	<ul style="list-style-type: none"> Soil and water conservation practices in dry land areas. Introduction of varieties in wheat ICM in Lime Plant protection in pomegranate ICM in Groundnut ICM in Sunflower ICM in Chickpea & linsed
					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	Koralli	Koralli Madari Nagarahalli	2015-16 , 2016-17 2 year	Diccoum Wheat Sugarcane Redgram Wheat Sorghum Groundnut Sunflower	<ul style="list-style-type: none"> • Low yielding varieties in Dicoum wheat • Poor nutrition in sugarcane, • lack of high yielding in irrigated Redgram • Low yielding varieties, Lodging, leafblight, rust and weed infestation • Extinction of nutrient rich traditional variety of sorghum from farmer field, Unaware of its value addition. • Low yielding varieties 	<ul style="list-style-type: none"> • ICM in Diccocum & wheat • Nutrient management in sugarcane • Introduction of new variety • Popularization of <i>Dicoccum</i> Wheat (DDK 1029) • Demonstration of sorghum flakes of AKJ-1 variety & Sorghum peda of SMJ-1 variety • ICM in Groundnut & 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
4.	B.Bagewadi	Hattarkihal	Hattarkihal Yaranal	2015-16 , 2016-17 2 year	Sorghum Redgram Bengalgram Onion	<ul style="list-style-type: none"> • Moisture stress, Extinction of traditional varieties & Unaware of value addition in sorghum • Non availability of high yielding varieties in Redgram • Non availability of high yielding varieties in Bengalgram • lack of high yielding varieties in onion 	<ul style="list-style-type: none"> • Soil and water conservation practices in dryland areas • Introduction of variety and disease management in Redgram • Introduction of variety and disease management in Bengalgram • ICM in Onion
					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	Kalagi	Kalagi Hullur	2015-16 , 2016-17 2 year	Bajra Sugarcane Onion Groundnut Pigeonpea Wheat Sorghum	<ul style="list-style-type: none"> • Moisture stress • Weed infestation in sugarcane • lack of high yielding varieties in onion • lack of high yielding varieties in groundnut • Non availability of high yielding varieties in Pigeonpea • Low yielding varieties, Lodging, leafblight, rust and weed infestation • Extinction of nutrient rich traditional variety of sorghum from farmer field, Unaware of its value addition. 	<ul style="list-style-type: none"> • Moisture conservation practices • Nutrient management in Sugarcane • ICM in Onion • Pest & Disease management in Groundnut • Introduction of variety and disease management in Pigeonpea • Popularization of <i>Dicoccum</i> Wheat (DDK 1029) • Value addition to sorghum
					Sheep & Goats	Poor nutrition pest and 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
02	02	10	10	16	14	150	140

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
80	100	2235	4874	1469	460	36725	221208

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
105	80.0	5000	7124

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
Target	Achievement	Target	Achievement
36000 ltrs(milk)	36000 ltrs	600	321

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

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
1.	Integrated Crop Management	Pigeonpea	Medium duration high yielding Variety , with SMD and Wilt tolerance	Assessment of Medium duration, wilt , SMD resistance & high yielding variety GRG-811 of pigeon pea under rainfed condition		01	-	-	Group meeting : 01 Training : 01 Field visit : 05	2kg	-	-	05	2.5	
2.	Integrated Crop Management	Chickpea	Erect type which is suitable for mechanical harvesting and high yielding variety	Assessment of erect type ,high yielding variety GBM-2 of chickpea under rainfed condition		01	-	-	Group meeting : 01 Training : 01 Field visit : 02	10kg	-	-	05	2.5	
3.	Integrated Crop Management	Bajra	Moisture stress during crop growth period	-	Demonstration of wider row spacing in Bajra for drought mitigation	01	-	-	Group meeting : 01 Training : 01 Field visit : 03 Field day : 01	2kg	-	-	-	-	
4.	Processing and Value Addition	Sorghum	Extinction of nutrient rich traditional variety of sorghum from farmer field,	-	Demonstration of Sorghum flakes of AKJ-1 Variety	-	01	-	Group meeting : 01 Training : 01 Field visit : 01	1kg	-	-	-	-	

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
			Unaware of its value addition i.e sorghum flakes												
5.	Processing and Value Addition	Sorghum	Extinction of nutrient rich traditional variety of sorghum from farmer's field, Unaware of its value addition i.e sorghum peda	-	Introduction of SMJ-1 variety of sorghum for hurda & peda making	-	01	-	Group meeting : 01 Training : 01 Field visit : 01	1kg	-	-	-	-	
6.	Integrated Crop Management	Sorghum	Low yield and moisture stress at maturity stages	-	ICM in Rabi sorghum	01	-	-	Group meeting : 01 Training : 01 Field visit : 02	3kg	-	-	-	-	
7.	Integrated Crop Management	Wheat	Low yielding varieties, weed infestation and rust	-	New variety UAS-334 (Resistant to rust & good quality of chapati)	01	-	-	Group meeting : 01 Training : 01 Field visit : 04 Field day : 01	30kg	-	-	-	-	
8.	Integrated Crop Management	Wheat	Lodging, Leaf blight, rust and low	-	Demonstration of DDK-1029 variety in Wheat	01	-	-	Group meeting : 01 Training : 01 Field visit : 03	30kg	-	-	-	-	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions												
				Title of OFT if any	Title of FLD if any	Number of Trainings (farmers)	Number of Trainings (Youths)	Number of Trainings (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products			
															No.	Kg
			yield						Field day : 01							
9.	Processing and Value Addition	Foxtail millet	Extinction of foxtail millet and its potential as health food for diabetics	-	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	01	-	-	Group meeting : 01 Training : 01 Field visit : 03	5kg	-	-	-	-		
10.	Integrated Crop Management	Sugarcane	High Cost of cultivation , low yield	-	SSI (Sustainable Sugar Initiative) in Sugarcane	01	-	-	Group meeting : 01 Training : 01 Field visit : 08	-	2500 seedlings	-	-	-		
11.	Integrated weed management	Sugarcane	Heavy infestation with <i>Striga</i> and low yield	-	Striga management in sugarcane (Pre emergence + Post emergence herbicide spray)	01	-	-	Group meeting : 01 Training : Field visit :	-	-	-	-	-		
12.	Integrated Crop Management	Onion	Thrips and blotch Rotting, PLW, Black mould	-	ICM in rainfed Onion	01	-	-	Group meeting : 01 Training : 01 Field visit : 04 Field day : 01	2kg	-	-	-	-		
13.	Integrated Crop Management	Onion	Thrips and blotch Rotting, PLW, Black mould	-	ICM in Irrigated onion	-	01	-	Group meeting : 01 Training : 01 Field visit : 02	2kg	-	-	-	-		

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
14.	Integrated Crop Management	Tomato	Low yielding varieties , sucking pest , Alternaria blight		Promotion of new variety GPBT-08	01	-	-	Group meeting : 01 Training : 01 Field visit : 02	150 gram	-	-	-	-	-
15.	Integrated Pest Management	Pomegranate	Bacterial blight , thrips and fruit sucking moth		ICM in Pomegranate	01	-	-	Group meeting : 01 Training : 02 Field visit : 05 Field day : 01	-	-	-	05	20kg each = 100 kg	
16.	Integrated Pest Management	Grapes	Stem borer	-	ICM in grape (DDVP @ 80ml/ltr stem injection)	01	-	-	Group meeting : 01 Training : Field visit : Field day :	-	-	-	-	-	
17.	Integrated Disease Management	Lime	Gummosis and Wilt	-	ICM in lime	01	-	-	Group meeting : 01 Training : 02 Field visit : 02 Field day : 01 TV coverage : 01	-	-	-	05	20kg each = 100 kg	
18.	Fisheries	Fish culture	Lack of knowledge about fish culture in farm ponds	-	Fish culture in farm ponds	-	01	-	Group meeting : 01 Training : 01 Field visit : 02	-	-	1000 fingerlings	-	-	

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.	Assessment of Medium duration, wilt , SMD resistance & high yielding variety GRG-811 of pigeon pea under rainfed condition	UAS, Raichur	Pigeonpea	05	-	01	01+00
2.	Assessment of erect type ,high yielding variety GBM-2 of chickpea under rainfed condition	UAS, Raichur	Chickpea	05	-	01	01+00
3.	Demonstration of wider row spacing in Bajra for drought mitigation	AICRP on Pearl millet , UAS, Dharwad	Bajra	-	15	01	01+01
4.	Demonstration of Sorghum flakes of AKJ-1 Variety	UAS, Dharwad	Sorghum	-	10	01	01+00
5.	Introduction of SMJ-1 variety of sorghum for hurda & peda making	UAS, Dharwad	Sorghum	-	20	01	01+00
6.	ICM in Rabi sorghum	UAS, Dharwad	Rabi Sorghum	-	20	01	01+00
7.	New variety UAS-334 (Resistant to rust & good quality of chapati)	UAS, Dharwad	Wheat	-	10	01	01+01
8.	Demonstration of DDK-1029 variety in Wheat	UAS, Dharwad	Wheat	-	10	01	01+01
9.	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	UAS, Dharwad	Foxtail millet	-	05	01	01+00
10.	ICM in Pigeon pea	UAS, Raichur	Pigeon pea	-	50	02	00+01
11.	ICM in Chickpea	UAS, Dharwad	Chickpea	-	50	02	00+01
12.	ICM in Sunflower	UAS, Dharwad	Sunflower	-	65	01	00+01
13.	ICM in Groundnut	UAS, Dharwad	Groundnut	-	135	04	00+01

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Group meeting + Field day)
14.	Varietal evaluation of linseed	UAS,Dharwad	Linseed	-	25	01	00+00
15.	SSI (Sustainable Sugar Initiative) in Sugarcane	SSI, and TNAU Coimbatore	Sugarcane	-	10	01	01+00
16.	Striga management in sugarcane (Pre emergence + Post emergence herbicide spray)	TNAU, Coimbatore and AICRP on weed control	Sugarcane	-	05		Not implemented
17.	ICM in rainfed Onion	Directorate of Onion and Garlic Research , Rajguru nagar	Onion	-	05	01	01+01
18.	ICM in Irrigated onion	Directorate of Onion and Garlic Research , Rajguru nagar	Onion	-	05	01	01+00
19.	Promotion of new variety GPBT-08	UAS, Dharwad	Tomato	-	10	01	01+00
20.	ICM in Pomegranate (For BLB Management Sanitation , dusting bleaching powder around the plant use of disinfected , equipment for pruning, spraying of COC + antibiotics , spraying of micronutrients , spraying dimethoate & Carbaryl for thrips & fruit sucking moth management etc.	UAS, Dharwad	Pomegranate	-	05	01	01+01
21.	ICM in Grape (DDVP @ 80ml/ltr stem injection)	UAS, Dharwad	Grape	-	05		Not implemented
22.	ICM in lime	UAS, Dharwad	Lime	-	05	01	01+01
23.	Fish culture in farm ponds	KVAFSU, Bidar	Fisheries	-	10	01	01+00

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
04	00	01	00	-	-	-	-	04	00	01	00	15	00	05	00
04	00	01	00	-	-	-	-	04	00	01	00	20	00	05	05
-	-	-	-	11	00	03	01	11	00	03	01	45	10	15	05
-	-	-	-	08	00	02	00	08	00	02	00	25	00	05	00
-	-	-	-	14	00	06	00	14	00	06	00	20	00	05	00
-	-	-	-	07	00	04	00	07	00	04	00	25	00	05	00
-	-	-	-	09	01	00	00	09	01	00	00	50	05	15	00
-	-	-	-	06	00	04	00	06	00	04	00	48	00	05	00
-	-	-	-	04	00	01	00	04	00	01	00	20	00	02	00
-	-	-	-	61	-	04	-	61	-	04	-	56	00	25	00
-	-	-	-	100	-	35	-	100	-	35	-	65	00	20	00
-	-	-	-	25	-	-	-	25	-	-	-	00	00	00	00
-	-	-	-	37	-	13	-	37	-	13	-	63	00	12	00
-	-	-	-	37	-	13	-	37	-	13	-	42	00	08	00
-	-	-	-	09	01	00	00	09	01	00	00	25	05	00	00
-	-	-	-	-	-	-	-	-	-	-	-	Not	implemented	-	-
-	-	-	-	05	00	00	00	05	00	00	00	25	00	10	00
-	-	-	-	05	00	00	00	05	00	00	00	15	00	05	00
-	-	-	-	08	00	02	00	08	00	02	00	18	02	05	00
-	-	-	-	05	00	00	00	05	00	00	00	58	10	05	00
-	-	-	-	-	-	-	-	-	-	-	-	Not	implemented	-	-
-	-	-	-	05	00	00	00	05	00	00	00	24	00	10	00
-	-	-	-	03	00	07	00	03	00	07	00	15	00	30	00

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
Varietal Evaluation			02							02
Total			02							02

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

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

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds						
TOTAL						

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

Thematic areas	Cattle	Poultry	Piggery	Rabbitry	Fisheries	TOTAL
Evaluation of Breeds						
TOTAL						

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)
Varietal Evaluation	Pigeonpea	Assessment of Medium duration , wilt, SMD resistance & high yielding variety GRG-811 of pigeon pea under rainfed condition	05	05	0.2
	Bengalgram	Assessment of erect type , high yielding variety GBM-2 of chickpea under rainfed condition	05	05	0.2
Total	02		10	10	0.4

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

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

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

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

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

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

4.C1. Results of Technologies Assessed

1. 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 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	Assessment of medium duration , wilt ,SMD resistance and high yielding variety GRG-811 of pigeon pea under rainfed condition	05	TO 1: Gulyal	Days to 50% flowering (%) No. of pods /plant (No.s) Wilt incidence% SMD %	83 127 10.4 16.3	12.30	Variety suitable for deep black soil or assured irrigation	-	-
					TO 2. TS-3R	Days to 50% flowering (%) No. of pods /plant (No.s) Wilt incidence% SMD %	90 164 3.2 4.4	14.49			
					TO 3. GRG-811	Days to 50% flowering (%) No. of pods /plant (No.s) Wilt incidence% SMD %	97 182 - -	17.30			

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: Gulyal	UAS, Raichur	12.30	q/ha	50061	3.84
TO 2.TS-3R	UAS, Raichur	14.49	q/ha	60895	4.23
TO 3 . GRG-811	UAS, Raichur	17.30	q/ha	75239	4.78

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 : Assessment of medium duration, wilt, SMD resistance and high yielding variety GRG-811 of pigeon pea under rainfed condition
- 2 Problem Definition : Wilt & SMD
- 3 Details of technologies selected for assessment : GRG-811 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 : Variety is late maturing needs irrigation
10. Process of farmers participation and their reaction : Participatory & high yielding but needs more no. of sprays for pod fly at later stages

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 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
Bengalgram	Rainfed	Erect type which is suitable for mecha nical harvestin g and high yielding variety	Assessment of erect type ,high yielding variety GBM-2 of chickpea under rainfed condition	05	TO1 : JG-11	Days to 50% flowering (%) No. of pods/plant (No.)	53 66	11.54	Variety is late maturing but suitable for mechanic al harvestin g	-	-
					TO2: JAKI-9218	Days to 50% flowering (%) No. of pods/plant (No.)	59 76	9.61		-	-
					TO2: GBM-2	Days to 50% flowering (%) No. of pods/plant (No.)	65 57	9.54			

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 :JG-11	UAS, Dharwad	11.54	q/ha	42930	5.77
TO2: JAKI-9218	UAS, Dharwad	9.61	q/ha	29745	3.20
TO2: GBM-2	UAS, Raichur	9.54	q/ha	20430	1.91

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 : Assessment of erect type, high yielding variety GBM-2 of chickpea under rainfed Condition
- 2 Problem Definition : Erect type which is suitable for mechanical harvesting and high yielding variety
- 3 Details of technologies selected for assessment : JAKI 9218 & GBM-2
- 4 Source of technology : UAS, Raichur
- 5 Production system and thematic area : Rain fed & ICM
- 6 Performance of the Technology with performance indicators: Yield is low compared to JG-11 but plant height is more
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 : Variety is late maturing but suitable for mechanical harvesting
- 10 Process of farmers participation and their reaction : Participatory

PART V - FRONTLINE DEMONSTRATIONS**5.A.Summary of FLDs implemented during 2016-17**

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety / breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
									Proposed	Actual	SC/ST	Others	Total	
1	Oilseeds	Rainfed	Kharif 2016	Sunflower	-	KBSH-53	Integrated crop management	ICM in Sunflower	26	26	04	61	65	
		Irrigated	Summer 2017	Groundnut	GPBD -4	-	Integrated Disease Management	ICM in Groundnut	54	54	35	100	135	
		Rainfed	Rabi 2016	Linseed	NL-115	-	Varietal evaluation	Varietal evaluation of Linseed	10	10	00	25	25	
2	Pulses	Rainfed	Kharif 2016	Redgram	TS-3R	-	Integrated crop management	ICM in Redgram	20	10	13	37	50	
		Rainfed	Rabi 2016	Chickpea	JG-11	-	Integrated crop management	ICM in Chickpea	20	10	13	37	50	

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-2016	Bajra	.	86M52	Integrated crop management	Demonstration of wider row spacing in Bajra for drought mitigation	06	06	04	11	15	
		Rainfed	Rabi-2016	Sorghum	AKJ-1	.	Value addition	Introduction of AKJ-1 variety of Sorghum flakes making	04	04	02	08	10	
		Rainfed	Rabi-2016	Sorghum	SMJ-1	.	Value addition	Introduction of SMJ-1 variety of Sorghum for huruda & Peda making	08	08	06	14	20	
		Rainfed	Rabi-2016	Rabi sorghum	CSV-29R	.	Integrated Crop Management	Introduction of new variety CSV-29R of Rabi sorghum with moisture conservation practices	08	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	
		Rainfed	Rabi 2016	Wheat	UAS-334		Integrated Crop Management	Introduction of New variety of wheat UAS-334	04	04	04	06	10	
		Rainfed	Rabi-2016	Wheat	DDK-1029		Integrated Crop Management	Introduction of Dicocum Wheat variety DDK-1029	04	04	04	06	10	
4	Millets	Rainfed	Rabi - 2016	Foxtail millet	DHFT-109-3		Value addition	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	02	02	01	04	05	
5	Vegetables	Irrigated	Kharif - 2016	Onion	Bhima super		Integrated Crop Management	Introduction of new variety Bhima super in Kharif Onion	02	02	00	05	05	
		Irrigated	Rabi-2016	Onion	Bhima shakti		Integrated Crop Management	Introduction of new variety Bhima shakti in Onion	02	02	00	05	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	Kharif - 2016	Tomato	GPBT-08	,	Vegetables crop	Promotion of new variety GPBT-08 in tomato	04	04	00	10	10	
6	Flowers													
7	Ornamental													
8	Fruit	Irrigated	Rabi-2016	Pomegranate	Kesar	,	Integrated Pest Management	Integrated crop management in Pomegranate	02	02	00	05	05	
		Irrigated	Rabi - 2016	Grape	Thomson	,	Integrated crop management	Integrated crop management in Grape						Not implemented
		Irrigated	Rabi - 2016	Lime	Kagzi	,	Integrated crop management	Integrated crop management in Lime	02	02	00	05	05	
9	Spices and condiments													
10	Commercial	Irrigated	Kharif-2016	Sugarcane	Co-86032	,	Integrated Crop Management	SSI(Sustainable Sugar Initiative) in Sugarcane	04	04	00	10	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	
		Irrigated	Rabi-2016	Sugarcane	Co-86032	,	Integrated Weed Management	Striga management in Sugarcane	-	-	-	-	-	Not implemented
11	Common carps	Irrigated /Farm pond	Rabi-2016	Fish	Common carp	,	Fisheries	Composite fish culture in farm pond	-	-	07	03	10	

5.A. 1. Soil fertility status of FLDs plots during 2016-17

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 2016	Sunflower	-	KBSH-53	Integrated crop management	ICM in Sunflower	Kharif 2016				Sorghum
		Irrigated	Summer 2017	Groundnut	GPBD -4	-	Integrated Disease Management	ICM in Groundnut	Summer 2017				Maize
		Rainfed	Rabi 2016	Linseed	NL-115	-	Varietal evaluation	Varietal evaluation	Rabi 2016				Sunflower
2	Pulses	Rainfed	Kharif 2016	Redgram	TS-3R	-	Integrated crop management	ICM in Redgram	Kharif 2016				Sunflower
		Rainfed	Rabi 2016	Chickpea	JG-11	-	Integrated crop management	ICM in Chickpea	Rabi 2016				Rabi sorghum
3	Cereals	Rainfed	Kharif-2016	Bajra	-	86M52	Integrated crop management	Demonstration of wider row spacing in Bajra for drought mitigation	Kharif-2016				Maize
		Rainfed	Rabi-2016	Sorghum	AKJ-1	-	Value addition	Introduction of AKJ-1 variety of Sorghum flakes making	Rabi-2016				Sunflower
		Rainfed	Rabi-2016	Sorghum	SMJ-1	-	Value addition	Introduction of SMJ-1 variety of Sorghum for huruda & Peda making	Rabi-2016				Sunflower

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	Rabi-2016	Rabi sorghum	CSV-29R	-	Integrated Crop Management	Introduction of new variety CSV-29R of Rabi sorghum with moisture conservation practices	Rabi-2016				Redgram
		Rainfed	Rabi 2016	Wheat	UAS-334	-	Integrated Crop Management	Introduction of New variety of wheat UAS-334	Rabi 2016				Maize
		Rainfed	Rabi-2016	Wheat	DDK-1029	-	Integrated Crop Management	Introduction of Dicocum Wheat variety DDK-1029	Rabi-2016				Redgram
4	Millets	Rainfed	Rabi - 2016	Foxtail millet	DHFT-109-3	-	Value addition	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	Rabi - 2016				Maize
5	Vegetables	Irrigated	Kharif - 2016	Onion	Bhima super	-	Integrated Crop Management	Introduction of new variety Bhima super in Kharif Onion	Kharif - 2016				Sugarcane
		Irrigated	Rabi-2016	Onion	Bhima shakti	-	Integrated Crop Management	Introduction of new variety Bhima shakti in Onion	Rabi-2016				Sugarcane
		Irrigated	Kharif - 2016	Tomato	GPBT-08	-	Vegetables crop	Promotion of new variety GPBT-08 in tomato	Kharif - 2016				Wheat
6	Flowers												
7	Ornamental												

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	
8	Fruit	Irrigated	Rabi-2016	Pomegranate	Kesar	-	Integrated Pest Management	Integrated crop management in Pomegranate	Rabi-2016				Pome
		Irrigated	Rabi - 2016	Grape	Thomson	-	Integrated crop management	Integrated crop management in Grape	Rabi - 2016				Grape
		Irrigated	Rabi - 2016	Lime	Kagzi	-	Integrated crop management	Integrated crop management in Lime	Rabi - 2016				Lime
9	Spices and condiments												
10	Commercial	Irrigated	Khariif-2016	Sugarcane	Co-86032	-	Integrated Crop Management	SSI(Sustainable Sugar Initiative) in Sugarcane	Khariif-2016				Sugarcane
		Irrigated	Rabi-2016	Sugarcane	Co-86032	-	Integrated Weed Management	Striga management in Sugarcane	Rabi-2016				Sugarcane
11	Common carps	Irrigated /Farm pond	Rabi-2016	Fish	Comman carp	-	Fisheries	Composite fish culture in farm pond	Rabi-2016				

5.B. Results of Frontline Demonstrations 2016-17

5.B.1. Crops

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										
Oilseeds	ICM in Sunflower	-	KBS H-53	Rainfed	65	26	17.4	10.4	16.20	14.40	12.50	17654	56700	39046	3.2	16900	47586	30686	2.8
	ICM in Groundnut	GPBD-4	-	Irrigated	135	54			28.04	24.90	12.61	37564	134592	97028	2.7	35500	117030	47650	2.5
	Varietal evaluation of Linseed	NL 115	-	Rainfed	25	10	6.20	4.10	5.60	4.60	21.7	11200	29120	17920	2.6	11200	23000	11800	2.05
Pulses	ICM in Redgram	TS-3R	-	Rainfed	50	20	19.75	12.5	18.0	15.00	20.00	36000	95400	59400	2.62	38000	79500	41500	2.09
	ICM in Chickpea	JG-11	-	Rainfed	50	20	16.50	9.40	11.88	10.40	14.23	12331	56289	43959	4.57	14254	48583	34329	3.41

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										
Cereals																			
Bajra	Demonstration of wider row spacing in Bajra for drought mitigation	-	86M52	Rainfed	15	06	19.00	12.10	15.62	16.30	-0.88	10400	17182	6782	1.65	10900	17933	7034	1.64
Sorghum	Introduction of AKJ-1 variety of Sorghum flakes making	AKJ-1	-	Rainfed	10	04	9.40	8.50	8.89	9.91	-10.0	9600	33782	24182	3.52	9600	32703	23103	3.41
Sorghum	Introduction of SMJ-1 variety of Sorghum for huruda & Pedamaking	SMJ-1	-	Rainfed	20	08	8.10	6.80	7.26	9.63	-24.57	9400	33396	23996	3.55	9400	32742	23342	3.48
Rabi sorghum	Introduction of new variety CSV-29R of Rabi sorghum with moisture conservation practices	CSV-29R	-	Rainfed	11	4.4	16.0	12.80	14.13	12.05	18.12	12600	45206	32606	3.59	12150	38567	26417	3.17

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										
Wheat	Introduction of New variety of wheat UAS-334	UAS-334	-	Irrigated	10	04	32.10	26.50	30.27	26.50	14.86	24200	75675	51475	3.13	27400	66250	38850	2.42
Wheat	Introduction of Dicocum Wheat variety DDK-1029	DDK-1029	-	Irrigated	10	04	22.00	18.50	20.66	18.24	13.56	23400	74376	50976	3.18	25600	65646	40046	2.56
Millets																			
Foxtail millet	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	DHFT-109-3	-	Rainfed	05	02	14.00	11.00	12.60	11.00	14.48	8000	25200	17200	3.15	8000	16500	8500	2.06

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										
Vegetables																			
	Introduction of new variety Bhima super in Kharif Onion	Bhima super	-	Irrigated	05	02	1920	1740	1800	1670	7.78	27800	126140	98340	4.54	31000	106880	75880	3.45
	Introduction of new variety Bhima shakti in Onion	Bhima shakti	-	Irrigated	05	02	2050	1890	1960	1790	9.78	68000	117720	49720	1.73	72000	100128	28128	1.39
	Promotion of new variety GPBT-08 in tomato	GPBT-08	-	Irrigated	10	04	13.50	11.20	12.14	11.33	7.14	35680	84987	49307	2.38	37680	73645	35965	1.95
Fruit																			
	Integrated crop management in Pomegranate	Kesar	-	Irrigated	05	02	17.10	16.40	16.62	14.48	14.83	124091	531840	407749	4.29	131400	451901	320501	3.44

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										
	Integrated crop management in Grape	Thomson		Irrigated	05	02					Not	Implemented							
	Integrated crop management in Lime	Kagzi		Irrigated	05	02	190	178	186	171	8.95	42700	139500	96800	3.27	47700	122976	75276	2.58
Commercial																			
	SSI (Sustainable Sugar Initiative) in Sugarcane	Co-86032	-	Irrigated	10	04	1600	1480	1620	1320	23.00	97500	405000	307500	4.15	110000	330000	220000	3.0
	Striga management in Sugarcane	Co-86032	-	Irrigated	05	02				Not	Implemented								

* 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
Bajra	No. of tillers	Numbers	3.00	4.0
Sorghum	Organoleptic	Score	4.80	3.80
Sorghum	Organoleptic	Score	4.70	3.60
Rabi sorghum	1000 grain weight	gram	31.47	27.28
Wheat – DDK-1029	No.of tillers/ hill	Number	10.16	6.90
	Lodging	Percentage	2.64	14.20
Wheat – UAS-334	No.of tillers/ hill	Number	8.5	6.5
	Lodging	Percentage	2.6	12.2
Foxtail millet	Organoleptic	Score	4.40	3.40
Onion-Bhima super	Thrips	Percentage	9.64	13.86
	Blotch	Percentage	2.83	6.74
Onion-Bhima Shakti	Thrips	Percentage	9.62	15.60
	Blotch	Percentage	4.34	5.68
Tomato	Thrips	Percentage	11.79	16.70
Sugarcane	No. of tillers/plant	Number	18.0	10.0
	Single cane weight	Kg	2.5	1.70
Pomegranate	PDI	Percentage	8.15	12.02
	Thrips	Percentage	10.71	14.50
Lime	PDI	Percentage	11.88	18.26
	Thrips	Percentage	12.54	16.34

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

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

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

** BCR= GROSS RETURN/GROSS COST

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

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

5.B.3. Fisheries :

Type of Breed	Name of the technology demonstrated	Breed	No. of Demo	Units/ Area (m ²)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m ²)				*Economics of check (Rs./unit) or (Rs./m ²)				
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Common carps	Composite fish culture	Common carp	10	10	380g	350g	370	-	-	-	-	-	-	-	-	-	-

* 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-High L-Low, A-Average

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

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

5.B.4. Other enterprises :

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m ² }	Yield (hours)			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m2)				*Economics of check (Rs./unit) or (Rs./m2)					
					Demo				Check if any	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR	
					H	L	A											
Oyster mushroom																		
Others (pl.specify)																		

* 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-High L-Low, A-Average

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

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

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

Name of the implement	Cost of the implement in Rs.	Name of the technology demonstrated	No. of Demo	Area covered under demo in ha	Labour requirement in Mandays		% save	Savings in labour (Rs./ha)	*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		

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

** BCR= GROSS RETURN/GROSS COST

Data on additional parameters other than labour saved (viz., reduction in drudgery, time etc.)

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

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

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	06	272	
2	Farmers Training	58	4394	
3	Media coverage	16	-	
4	Training for extension functionaries	01	20	
5	Others (Group meeting)	08	353	

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)				% 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										
Cereals																	
Bajra	Wider row spacing in Bajra	Pioneer 8652	15	06	19.0	12.10	15.62	16.30	-0.88	10400	17182	6782	1.65	10900	17933	7034	1.64
Total			15	06	19.0	12.10	15.62	16.30	-0.88	10400	17182	6782	1.65	10900	17933	7034	1.64
Oilseeds																	
Sunflower	ICM in Sunflower	KBSH-53	65	26	17.40	10.40	16.20	14.40	12.50	17654	56700	39046	3.2	16900	47586	30686	2.8
Groundnut																	
Total			65	26	17.40	10.40	16.20	14.40	12.50	17654	56700	39046	3.2	16900	47586	30686	2.8

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 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										
Integrated Crop Management	06	239	0	239	42	0	42	281	0	281
Others (Disease Management and Organic farming)	02	71	0	71	0	0	0	71	0	71
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	02	15	0	15	0	0	0	15	0	15
Others (GAP)	01	32	0	32	08	0	08	40	0	40
b) Fruits										
Cultivation of Fruit	01	38	-	38	-	-	-	-	-	38
Integrated Crop Management	01	68	0	68	0	0	0	68	0	68
Others (GAP)	02	118	01	119	09	0	09	127	01	128
Livestock Production and Management										
Dairy Management	03	74	35	109	04	0	04	78	35	113
Others (Sheep and Goat Rearing)	02	148	04	152	26	01	27	174	05	179
Home Science/ Women empowerment										
Value addition	01	01	50	51	0	0	0	01	50	51
Women empowerment	02	0	54	54	0	0	0	0	54	54
Plant Protection										
Integrated Pest Management	08	142	10	152	00	00	00	142	10	152
Integrated Disease Management	06	138	06	144	00	00	00	138	06	144
Bio-control of pests and diseases	02	43	03	46	02	0	02	45	03	48
Production of bio control agents and bio pesticides	02	36	08	44	00	00	00	36	08	44
Others (pl.specify)										
Capacity Building and Group Dynamics										
Entrepreneurial development of farmers/youths	01	14	02	16	02	01	03	16	03	19
TOTAL	42	1177	173	1350	93	2	95	1232	175	1445

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	09	1271	18	1289	189	0	189	1460	18	1478
Others (IDM, IPM, GAP)	16	1148	72	1220	84	32	116	1232	104	1336
Horticulture										
a) Vegetable Crops										
Protective cultivation	01	14	0	14	14	0	14	28	0	28
Integrated Crop Management	01	24	0	24	24	0	24	48	0	48
Others (IDM)	02	69	0	69	04	0	04	73	0	73
b) Fruits										
Others (IDM and GAP)	04	246	30	276	16	0	16	262	30	292
d) Plantation crops										
Production and Management technology	01	67	13	80	0	0	0	67	13	80
Soil Health and Fertility Management										
Production and use of organic inputs	01	38	0	38	02	0	02	40	0	40
Plant Protection										
Integrated Pest Management	07	210	06	216	09	0	9	219	06	225
Integrated Disease Management	05	85	03	88	07	0	7	92	7	99
Bio-control of pests and diseases	03	48	09	57	05	0	5	53	9	62
TOTAL	50	3220	151	3371	354	32	386	3574	187	3761

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
Commercial fruit production	02	100	0	100	8	0	8	108	0	108
Any other (ICM in agril. crops and Rural Entrepreneurship development for farmers)	02	46	02	48	10	01	11	56	03	59
TOTAL	04	146	02	148	18	01	19	164	03	167

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Commercial fruit production	03	220	30	250	16	0	16	236	30	266
Any other (ICM in Agricultural crops and GAP in Betelvine)	03	972	13	985	123	0	123	1095	13	1108
TOTAL	06	1192	43	1235	139	0	139	1331	43	1374

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	01	15	0	15	03	0	03	18	0	18
Group Dynamics and farmers organization	01	14	02	16	02	01	03	16	03	19
Total	2	29	2	31	5	1	6	34	3	37

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

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

7.G Sponsored training programmes

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.a.	Increasing production and productivity of crops	03	937	0	937	131	0	131	1068	0	1068
2	Production and value addition										
2.a.	Fruit Plants	05	320	30	350	24	0	24	344	30	374
2.b.	Ornamental plants										
2.c.	Spices crops	01	67	13	80	0	0	0	67	13	80
12	Agricultural Extension										
12.a	Capacity Building and Group Dynamics	01	14	02	16	02	01	03	16	03	19
	Total	10	1338	45	1383	157	01	158	1495	46	1541

7.H 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	
1	Crop production and management											
1.a.	Commercial floriculture											
1.b.	Commercial fruit production	01	30	0	30	0	0	0	30	0	30	
3.	Livestock and fisheries											
3.a.	Dairy farming	03	60	0	60	10	0	10	70	0	70	
3.b.	Composite fish culture											
3.c.	Sheep and goat rearing	02	148	04	152	26	01	27	174	05	179	
4.	Income generation activities											
4.h.	Value added products	04	00	50	50	0	20	20	00	70	70	
4.i.	Tailoring, stitching, embroidery, dying etc.	04	0	84	84	0	26	260	0	110	110	
	Grand Total	14	238	138	376	36	47	317	274	185	459	

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	08	300	55	355	0	0	0	10	02	12
Kisan Mela	01	3500	1500	5000	0	0	0	80	20	100
Kisan Ghosthi	04	950	429	1379	0	0	0	33	05	38
Exhibition	06	141791	70000	211791	0	0	0	637	43	680
Film Show	08	950	429	1379	0	0	0	0	0	0
Method Demonstrations	04	80	12	92	12	16	28	92	28	120
Farmers Seminar	01	28	02	30	08	0	08	06	0	06
Workshop	03	410	40	450	0	0	0	75	19	94
Group meetings	04	65	06	71	0	0	0	04	01	05
Lectures delivered as resource persons	06	185	38	223	0	0	0	03	0	03
Newspaper coverage	18									
Radio talks	09	-	-	-	-	-	-	-	-	-
TV talks	12	-	-	-	-	-	-	-	-	-
Popular articles	14									
Extension Literature	18									
Advisory Services	04	07	0	07	0	0	0	0	0	0
Scientific visit to farmers field	03	05	0	08	0	0	0	02	0	02
Farmers visit to KVK	454	412	18	430	0	0	0	18	06	24
Diagnostic visits	24	459	146	605	0	0	0	31	04	35
Exposure visits	17	96	14	110	0	0	0	02	0	02
Ex-trainees Sammelan										
Animal Health Camp	01	58	03	61	16	02	18	02	0	02
Celebration of important days (National)	05	723	27	750	0	0	0	08	02	10
Total	624	148799	72240	221042	36	18	54	993	129	1122

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS**9.A. Production of seeds by the KVKs 2016-17**

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Rabi jowar	M35-1	-	42.0	193200	
Oilseeds						
Pulses	Redgram	TS-3R	-	26.0	234000	Stock in hand
	Bengalgram	JG-11	-	12.0	84000	
Total		03		80.0	511000	-

9.B. Production of planting materials by the KVKs 2016-17

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Fruits	Pomegranate	Kesar	-	5466	109320	15
	Lime	Kagzi	-	872	17440	10
	Guva	L-49	-	786	31440	10
Total				7124	158200	35

9.C. Production of Bio-Products :

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio-fungicide	<i>Metarhizium</i>	240	48000	27
Total		240	48000	27

9.D. Production of livestock materials : Nil

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Total				

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	Author Name	Number
Book	Mungaru Hangamigagi raita jagriti Karyakrama tantrika kaipidi	Wali,S.Y., Patil,P.B., Vastrad,S.M. and Rathod,S.C.	300
Technical bulletin	Totagarika belegala nirvahane hagu maulyavardane	Vastrad.S.M., Patil.P.B., Ajeshkumar , Gaddanakeri.M. and Naik , K.L	30
Research article	Impact of adult migration on psychological well being of rural elderly	Patil,P.B.	
Research article	Impact of stimulatory play materials on psycho-motor development of infants	Patil, P.B.	
Abstract	Impact of adult migration on psychological well being of rural elderly	Patil,P.B and Wali.,S.Y.	
Abstract	Demonstrating the IDM Technology in Pomegranate abstract presented in National Symposium on “ Recent Advances in plant Health Management for Sustainable Productivity ” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.pp.159	S.M.VASTRAD, S.Y.WALI, AND KARBHANTNAL.S.S. 2016	
Abstract	Efficacy of Profiler 71.1 WP(Flupicolide 4.44% + Fosetyl Al 60.67 %) against Citrus Gummosis abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.pp 68	S.M.VASTRAD, S.Y.WALI AND M.M.JAMADAR., 2016.,	
Abstract	Studies on Powdery Mildew of Pigeonpea in Vijayapura Distirct abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016. pp.11	S.M.VASTRAD, D.M.KAMBREKAR AND M.M.JAMADAR 2016	

Item	Title	Author Name	Number
Abstract	Custodia (Azoxystrobin 11% + Tebuconazole 18.3% SC), an effective eco-friendly new fungicide for the management of downy mildew of grapes. abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016Pp66	S.M.VASTRAD, S.S.KARBHANTNAL AND ARUN SATAREDDY 2016	
Abstract	Present scenario of major fruit crops diseases in northern Karnataka., Lead paper presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.p 156-157	M.M.JAMADAR.,N.SHALANI HUILGOL AND S.M.VASTRAD.,2016	
Abstract	Innovative technology of hurda production by microwave oven	Patil,P.B Sajjanar , G.M 7 Wali.S.Y.	
Folder	Redgram production technology	Pattar,P.S & Vastrad,S.M	100
Folder	Uttara karnatakadalliya hingaru jolada vishishta taligala maulyavardita padarthagalu	Patil,P.B, Sajjanar,G.m. and Vastrad , S.M	1000
Folder	Navanedinda tayarisabahudada maulyavardita padarthagalu	Patil,P.B and Vastrad , S.M	1000
Folder	Saveyinda tayarisabahudada maulyavardita padarthagalu	Patil, P.B., and Vastrad,S.M	1000
Popular article	Dalimbege visranti koduvudu mattu chatani paddati Krishi Mitra JANUARY 2017 Page No28-29	S.M.Vastrad, Archna Pattar and S.Y.Wali	
Popular article	Kallangadiyalli Uttama Besyaya Paddatigalu, Krishi Mitra January 2017 Page No18-22	S.M.Vastrad and Archna Pattar	
Popular article	Hecchu Hannugaligagi Dalimbe Gidakke Vishranthi, Krishi Munnade January 2017 Page 12-13	S.M.Vastrad and Archna Pattar	
Popular article	Niggeyalli Uttama Besaya Paddatigalu Krishi Mitra Oct 2016 Page No 24-26	S.M.Vastrad and Archna Pattar	
Popular article	Ajja Ajji Kutumbada moola stambagalu	Patil prema and Wali,S.Y.	
Popular article	impact of adult childrens migration on psychological well being of rural elderly	Patil, P.B	
National conference	Innovative technology of hurda production by microwave oven	Patil Prema , Sajjanar,G.M and Wali,S.Y	01

Item	Title	Author Name	Number
National conference	Sorghum Flakes : An innovative food processing industry	Patil prema, Sajjanar,G.M and Wali, S.Y	01
Manual	Hingari Hangamigagi raita jagrit karyakrama	Vastrad,S.M., Patil, Prema , Gddanakeri.M.A.,Naik.K and Rathod.S.C.,	1000

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1	CD	PPV & FRA	01
2	CD	Kisan mela	01

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).

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 : 10
- ii. No. of farm families selected : 160
- iii. No. of survey/PRA conducted : 02

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 phtoto 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 phtoto meter	01	
	Software and interfacing accessories for spectro phtoto 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	3546	3241	1141	709200
Water Samples	1379	1260	975	140600
Total	4925	4501	2116	849800

Details of samples analyzed during the 2016-17:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	3580	532	430	716000
Water Samples	445	411	361	43700
Total	4025	943	791	759700

10.I. Technology Week celebration during 2016-17 Yes/No, If Yes

Period of observing Technology Week: 14.02.2017 From 18.02.2017

Total number of farmers visited : 312

Total number of agencies involved : 02

Number of demonstrations visited by the farmers within KVK campus : 02

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Lectures organized	04	312	Soil management & Export
Exhibition	02	200	Agriculture and allied
Film show	01	200	Successful dairy management
Supply of Literature (No.)	02	500	Pomegranate and lime good agriculture practices
Total number of farmers visited the technology week	07	1212	

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

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Pulses(Greengram)	800 ha	-
Total	800 ha	

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No.of participants
Total			

D. Animal health camps organized

State	Number of camps	No.of animals	No.of farmers
Karnataka	01	168	68
Total			

E. Seed distribution in drought hit states

State	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total				

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Karnataka	Wider row spacing in Bajra	40,000	2000
Karnataka	Compartment bunding	6,000	800
Total	02	46000	2800

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of

		farmers		farmers		farmers		farmers		farmers		farmers
Karnataka	04	76	04	1417	06	356	-	-	06	212471	-	-
Total	04	76	04	1417								

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)
Tailoring	110 Nos	85%	500-1000 per month	2500-3000 per month

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
RKVY	Trainings on Good Agricultural Practices & Animal health camp
NFSM	Demonstrations were conducted on ICM in Groundnut & Bengalgram
Agriculture Skill Council of India	Dairy farming-02
DOH (Sujala)	Training programme
GOK	Trainings conducted on farmers to farmers

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 centre	03.11.2016	DR, UAS Dharwad	10,26371
Staff research project	Implementing centre	08.07.2016	DR, UAS Dharwad	100000
Testing fees	Implementing centre	01.08.2016	DR, UAS Dharwad	293249
Short course	Implementing centre	28.12.2016	GOI, New dehli	195000
Agriculture Skill development Training - ASCI	Implementing centre	07.03.2017	GOI, New delhi	340400
Sujala -GOK	Implementing centre	12.2.2017	GOK	125000
PPV & FRA	Implementing centre	1.12.2016	GOI, New Delhi	80000

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/ No : Yes

If yes, role of KVK in preparation of SREP of the district: Training to Extension officers of various line departments to collect the basic data of the district & to revisit the SREP.

Coordination activities between KVK and ATMA during 2016-17

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings				
02	Research projects				
03	Training programmes				
04	Demonstrations				
05	Extension Programmes				
	Kisan Mela				
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	Others (Pl. specify)				
06	Publications				
	Video Films				
	Books				
	Extension Literature				
	Pamphlets				
	Others (Pl. specify)				
07	Other Activities (Pl. specify)				
	Watershed approach				
	Integrated Farm Development				
	Agri-preneurs development				

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

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 :

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 :

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
01	Animal health camp & Field day GAP in Pomegranate	Implementing agency	Rs.50000/-	30718=00	Rs. 19282 Unspent balance

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 2016	-	-	-
May	-	-	-
June	-	-	-
July	-	-	-
August	03	30510	25
September	-	-	-
October	-	-	-

November	01	10180	10
December	02	10180	25
January 2017	04	16050	-
February 2017	04	15200	-
March 2017	02	10500	-
Total for the year 2016-17	16	92620	60

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	30.9.16	24.1.17	4.0	M35-1	C/S	40.0	65000	180000*	Expected income
Pulses									
Redgram	18.6.16	29.12.16	3.2	TS-3R	C/S	26.0	58000	418600*	Expected income
Bengal gram	18.9.16	23.12.16	2.4	JG-11	C/S	16.0	35000	97600*	Expected income

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Metarizium	240	48000	48000	
2					

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

Sl.	Name	Details of production	Amount (Rs.)	Remarks

No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1							
2							

13.E. Utilization of hostel facilities Nil

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)

13.F. Database management

S. No	Database target	Database created
1	Farmers 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	01	03	2000	815	05	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	SBI	Dharwad	-	Comptroller,	-	-	-

Host Institute				UAS, Dharwad			
With KVK	SBI	Vijayapur	000819	Programme Coordinator, KVK, Vijayapur	31010226801 10465780871	586002001	SBIN0000819
	SBI	Vijayapur	000819	Programme Coordinator, KVK, Vijayapur	36343141923	586002001	SBIN0000819

14.B. Utilization of KVK funds during the year 2016-17(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	46,55,000	46,55,000	6738201
2	Traveling allowances	1,50,000	1,50,000	86535
3	Contingencies			
A	<i>Stationery, telephone, postage and other expenditure on office running, publication of Newsletter</i>	3,50,00	3,50,00	331533
B	<i>POL, repair of vehicles, tractor and equipments</i>	2,50,000	2,50,000	237438
C	<i>Meals/refreshment for trainees (@ Rs.75/day/trainee for residential and @ Rs.40/day/trainee for non-residential trainings)</i>	70,000	70,000	62095
D	<i>Training material (need based materials and equipments for conducting the training)</i>	30,000	30,000	29924
E	<i>Frontline demonstration**</i>	2,65,000	2,65,000	158977
F	<i>On farm testing (on need based, location specific and newly generated information in the major production systems of the area)</i>	13000	13000	2385
G	<i>Integrated Farming System (IFS)</i>	30000	30000	29250
	<i>Training of extension functionaries</i>	30000	30000	2480
	<i>Extension Activities</i>	32000	32000	18906
	<i>Farmers' Field School</i>	30000	30000	-
	<i>EDP / Innovative activities</i>	30000	30000	-
	<i>Soil & Water Testing & Issue of Soil Health Cards</i>	50000	50000	49938
	<i>Display Boards</i>	10000	10000	-
	<i>Maintenance of building</i>	50000	50000	-
H	<i>Library (Purchase of Journal, Periodicals, News Paper & Magazines)</i>	10000	10000	8220
TOTAL (A)		60,55,000	60,55,000	77,55,882
B. Non-Recurring Contingencies				
1	Equipment of furniture			
2	Office automation	300000	300000	300000
3	Furniture and fixture	100000	100000	100000

4	Vehicle	800000	800000	800000
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		72,55,000	72,55,000	89,55,882

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 2014 to March 2015	1669625=34	2126536	1672255	2123906=34
April 2015 to March 2016	2121506 =34	2137555	1666545	2592516 =34
April 2016 to March 2017	2539944=34	2455902	1985079	3010767=34 + 511000 stock in hand = 35,21,767=00

15. Details of HRD activities attended by KVK staff during 2016-17

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr.S.M.Vastrad	Subject Matter Specialist	Agriculture skill council of India training	ATARI, Bengaluru	26.10.2016 to 28.10.2016
Dr.Ajeshkumar	Subject Matter Specialist	Agriculture skill council of India training	ATARI, Bengaluru	26.10.2016 to 28.10.2016
Mr.S.C.Rathod	Programme Assistant	Agriculture skill council of India training	ATARI, Bengaluru	26.10.2016 to 28.10.2016
Mr.Krishna Naik L	Farm Manager	Agriculture skill council of India training	ATARI, Bengaluru	26.10.2016 to 28.10.2016
Dr.Prema. B. Patil	Subject Matter Specialist	Rural entrepreneurship development for farmers empowerment	KVK,Vijayapura	1.2.2017 to 11.02.2017

Dr.S.M.Vastrad	Subject Matter Specialist	Rural entrepreneurship development for farmers empowerment	KVK,Vijayapura	1.2.2017 to 11.02.2017
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16. Please include any other important and relevant information which has not been reflected above (write in detail).

***Union Minister for Agriculture and Farmers' Welfare visit to ICAR Krishi Vigyan Kendra , Vijayapura on 23.06.2016**

The Honorable Union Minister for Agriculture and Farmers' Welfare, **Shri Radha Mohan Singh** visited the ICAR Krishi Vigyan Kendra and College of Agriculture, Vijayapur a constituent college of University of Agricultural Sciences, Dharwad. During the visit, an interaction program with officers of different line departments like Agriculture, Horticulture, Fisheries and Veterinary was held in which the Honorable Minister reviewed the progress during the past two years on important central sponsored projects on Soil Health Card, Pradhan Mantri Phasal Bhima Yojana , National Horticulture Mission and instructed the concerned for speedy implementation of the projects. Heads of 31 KVKs participated in the said interaction program. Further, the Honorable Minister interacted with the beneficiary farmers about their experiences in availing Janadhana Yojana, Pradhanamanthri Yojana etc. The Director of ATARI, Dr. Sreenath Dixit welcomed the guests. Honorable Sri. Ramesh Jigajinagi, Member of Parliament, Vijayapura was the chief guest and Dr. D.P. Biradar, Vice Chancellor, University of Agricultural Sciences, Dharwad presided over the function. Speaking on the occasion Dr. D.P.Biradar, Vice Chancellor, UAS, Dharwad submitted a memorandum to the Honorable Minister to sanction All India Coordinated Projects on Mustard, Apiculture, Root Grub Management for the benefit of the farmers. Later the Honorable Minister inaugurated the *Kharif* Cropping Awareness Programme organized by Krishi Vigyan Kendra, Vijayapur. In the programme, Hon'ble Minister released the value added products of sorghum developed by

KVK, Vijayapura. Speaking on the occasion Hon'ble Minister called on the farmers to make use of different centrally sponsored projects for higher productivity in different crops by utilizing the information provided in the soil health card. Dr. N. K. Biradar Patil, Dean (Agri), College of Agriculture, Vijayapur proposed the vote of thanks.

SUMMARY FOR 2016-17
I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Varietal Evaluation	Pigeonpea	Assessment of Medium duration , wilt, SMD resistance & high yielding variety GRG-811 of pigeon pea under rainfed condition	05
	Bengalgram	Assessment of erect type , high yielding variety GBM-2 of chickpea under rainfed condition	05
Total			05

Summary of technologies assessed under livestock : Nil

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

Summary of technologies assessed under various enterprises : Nil

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

Summary of technologies assessed under home science : Nil

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

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops : Nil

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

Summary of technologies assessed under refinement of various livestock : Nil

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

Summary of technologies refined under various enterprises : Nil

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

Summary of technologies refined under home science : Nil

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

III. FRONTLINE DEMONSTRATION

Crops : 2016-17

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	Demonstration of wider row spacing in Bajra for drought mitigation	01	15	06	15.62	16.30	-0.88	3.00	4.00	10400	17182	6782	1.65	10900	17933	7034	1.64
	Processing and Value addition	Introduction of AKJ-1 variety of Sorghum flakes making	01	10	04	8.89	9.91	-10.0	4.80	3.80	9600	33782	24182	3.52	9600	32703	23103	3.41
	Processing and Value addition	Introduction of SMJ-1 variety of Sorghum for huruda & Peda making	01	20	08	7.26	9.63	-24.57	4.70	3.60	9400	33396	23996	3.55	9400	32742	23342	3.48
	Integrated crop management	Introduction of new variety CSV-29R of Rabi sorghum with moisture conservation practices	01	11	4.4	14.13	12.05	18.12	31.47	27.28	12600	45206	32606	3.59	12150	38567	26417	3.17
	Integrated crop management	Introduction of New variety of wheat UAS-334	01	10	04	30.27	26.50	14.86	0	0	24200	75675	51475	3.13	27400	66250	38850	2.42

	Integrated crop management	Introduction of Dicoicum Wheat variety DDK-1029	01	10	04	20.66	18.24	13.56	10.16	6.90	23400	74376	50976	3.18	25600	65646	40046	2.56
Millets			01															
	Processing and Value addition	Introduction of DHFT-109-3 foxtail millet variety as nutrient rich food	01	05	02	12.60	11.00	14.48	4.40	3.40	8000	25200	17200	3.15	8000	16500	8500	2.06
Oilseeds			01															
	Integrated crop management	ICM in Sunflower	01	65	26	16.20	14.40	12.50	0	0	17654	56700	39046	3.2	16900	47586	30686	2.8
	Integrated crop management	ICM in Groundnut	01	135	54	-	-	-	0	0	-	-	-	-	-	-	-	-
Pulses			01															
	Varietal evaluation	Varietal evaluation of Linseed	01	25	10	5.60	4.60	21.7	0	0	11200	29120	17920	2.6	11200	23000	11800	2.05
	Integrated crop management	ICM in Pigeonpea	01	50	20	18.0	15.00	20.00	0	0	36000	95400	59400	2.62	38000	79500	41500	2.09
	Integrated crop management	ICM in Chickpea	01	50	20	11.88	10.40	14.23	0	0	12331	56289	43959	4.57	14254	48583	34329	3.41
Vegetables			01															
	Integrated crop management	Introduction of new variety Bhima super in Kharif Onion	01	05	02	180	167	8.05	9.64	13.86	27800	126140	98340	4.54	31000	106880	75880	3.45

	Integrated crop management	Introduction of new variety Bhima shakti in Onion	01	05	02	189	196	9.78	9.62	15.60	68000	117720	49720	1.73	72000	100128	28128	1.39
	Integrated crop management	Promotion of new variety GPBT-08 in tomato	01	10	04	12.14	11.33	7.14	11.79	16.70	35680	84987	49307	2.38	37680	73645	35965	1.95
Fruit			01															
	Integrated Pest management	Integrated crop management in Pomegranate	01	05	02	16.62	14.48	14.83	8.15	12.02	124091	531840	407749	4.29	131400	451901	320501	3.44
	Integrated Pest management	Integrated crop management in Grape	01	05	02					Not	Implemen ted							
	Integrated Disease management	Integrated crop management in Lime	01	05	02	186	171	8.95	11.88	18.26	42700	139500	96800	3.27	47700	122976	75276	2.58
Commercial			01															
	Integrated crop management	SSI (Sustainable Sugar Initiative) in Sugarcane	01	10	04	162	132	23.0	18.0	10.0	97500	405000	307500	4.15	110000	330000	220000	3.0
	Weed management	Striga management in Sugarcane	01	05	02					Not	Implem ented							
		Total		456	182.4													

* 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

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

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

** BCR= GROSS RETURN/GROSS COST

Fisheries :

Category	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps	Fisheries	Scientific fish culture	01	10	10	380gram	360gram											
Total																		

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises :

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

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment: Nil

Category	Name of technology	No. of KVKs	No. of demonstrations	Name of observations	Demonstration	Check
Women						
Pregnant women						
Adolescent Girl						
Other women						
Children						
Neonats						
Infants						
Children						

Farm implements and machinery : Nil

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

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

** BCR= GROSS RETURN/GROSS COST

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	86M52	15	06	15.62	16.30	-0.88	10400	17182	6782	1.65
Total	86M52	15	06	15.62	16.30	-0.88	10400	17182	6782	1.65
Oilseeds										
Sunflower	KBSH-53	65	26	16.20	14.40	12.50	17654	56700	39046	3.2
Total	KBSH-53	65	26	16.20	14.40	12.50	17654	56700	39046	3.2

IV. Training Programme

7.A 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										
Integrated Crop Management	06	239	0	239	42	0	42	281	0	281
Others (Disease Management and Organic farming)	02	71	0	71	0	0	0	71	0	71
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	02	15	0	15	0	0	0	15	0	15
Others (GAP)	01	32	0	32	08	0	08	40	0	40
b) Fruits										
Cultivation of Fruit	01	38	-	38	-	-	-	-	-	38
Integrated Crop Management	01	68	0	68	0	0	0	68	0	68
Others (GAP)	02	118	01	119	09	0	09	127	01	128
Livestock Production and Management										
Dairy Management	03	74	35	109	04	0	04	78	35	113
Others (Sheep and Goat Rearing)	02	148	04	152	26	01	27	174	05	179
Home Science/Women empowerment										
Value addition	01	01	50	51	0	0	0	01	50	51
Women empowerment	02	0	54	54	0	0	0	0	54	54
Plant Protection										
Integrated Pest Management	08	142	10	152	00	00	00	142	10	152
Integrated Disease Management	06	138	06	144	00	00	00	138	06	144
Bio-control of pests and diseases	02	43	03	46	02	0	02	45	03	48
Production of bio control agents and bio pesticides	02	36	08	44	00	00	00	36	08	44
Capacity Building and Group Dynamics										
Entrepreneurial development of farmers/youths	01	14	02	16	02	01	03	16	03	19
TOTAL	42	1177	173	1350	93	2	95	1232	175	1445

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Crop Management	09	1271	18	1289	189	0	189	1460	18	1478
Others (IDM, IPM, GAP)	16	1148	72	1220	84	32	116	1232	104	1336
Horticulture										
a) Vegetable Crops										
Protective cultivation	01	14	0	14	14	0	14	28	0	28
Integrated Crop Management	01	24	0	24	24	0	24	48	0	48
Others (IDM)	02	69	0	69	04	0	04	73	0	73
b) Fruits										
Others (IDM and GAP)	04	246	30	276	16	0	16	262	30	292
d) Plantation crops										
Production and Management technology	01	67	13	80	0	0	0	67	13	80
Soil Health and Fertility Management										
Production and use of organic inputs	01	38	0	38	02	0	02	40	0	40
Plant Protection										
Integrated Pest Management	07	210	06	216	09	0	9	219	06	225
Integrated Disease Management	05	85	03	88	07	0	7	92	7	99
Bio-control of pests and diseases	03	48	09	57	05	0	5	53	9	62
TOTAL	50	3220	151	3371	354	32	386	3574	187	3761

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
Commercial fruit production	02	100	0	100	8	0	8	108	0	108
Any other (ICM in agril. crops and Rural Entrepreneurship development for farmers)	02	46	02	48	10	01	11	56	03	59
TOTAL	04	146	02	148	18	01	19	164	03	167

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Commercial fruit production	03	220	30	250	16	0	16	236	30	266
Any other (ICM in Agricultural crops and GAP in Betelvine)	03	972	13	985	123	0	123	1095	13	1108
TOTAL	06	1192	43	1235	139	0	139	1331	43	1374

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	01	15	0	15	03	0	03	18	0	18
Group Dynamics and farmers organization	01	14	02	16	02	01	03	16	03	19
Total	2	29	2	31	5	1	6	34	3	37

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Any other (pl.specify)										
Total										

7.G 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	
1	Crop production and management											
1.a.	Increasing production and productivity of crops	03	937	0	937	131	0	131	1068	0	1068	
2	Production and value addition											
2.a.	Fruit Plants	05	320	30	350	24	0	24	344	30	374	
2.c.	Spices crops	01	67	13	80	0	0	0	67	13	80	
12	Agricultural Extension											
12.a	Capacity Building and Group Dynamics	01	14	02	16	02	01	03	16	03	19	
	Total	10	1338	45	1383	157	01	158	1495	46	1541	

7.H 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	
1	Crop production and management											
1.b.	Commercial fruit production	01	30	0	30	0	0	0	30	0	30	
2	Post harvest technology and value addition											
3.	Livestock and fisheries											
3.a.	Dairy farming	03	60	0	60	10	0	10	70	0	70	
3.b.	Composite fish culture											
3.c.	Sheep and goat rearing	02	148	04	152	26	01	27	174	05	179	
4.	Income generation activities											
4.h.	Value added products	04	00	50	50	0	20	20	00	70	70	
4.i.	Tailoring, stitching, embroidery, dying etc.	04	0	84	84	0	26	260	0	110	110	
	Grand Total	14	238	38	376	36	47	317	274	185	459	

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	335	430	24	454
Diagnostic visits	25	605	35	640
Field Day	06	355	02	357
Group discussions	04	71	05	76
Kisan Ghosthi	04	1379	38	1417
Film Show	08			
Self -help groups	-	-	-	
Kisan Mela	01	5000	100	5100
Exhibition	06	211791	680	212471
Scientists' visit to farmers field	03	08	02	10
Plant/animal health camps	01	61	02	63
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	03	450	94	544
Method Demonstrations	04	120	05	125
Celebration of important days	04	750	10	760
Special day celebration	02	600	20	620
Exposure visits	02	110	02	112
Others (Soil health camp)				
Total	408	221730	1019	222749

Details of other extension programmes

Particulars	Number
Electronic Media	03
Extension Literature	04
News Letter	02
News paper coverage	18
Technical Articles	04
Technical Bulletins	04
Technical Reports	08
Radio Talks	09
TV Talks	04
Animal health amps (Number of animals treated)	01
Others (popular articles)	05
Total	62

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	Rabi jowar	M35-1	42.0	193200	
Pulses	Redgram	TS-3R	26.0	234000	Stock in hand
	Bengalgram	JG-11	12.0	84000	
Total		02	80.0	511000	

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
Fruits	Pomegranate	Kesar	5466	109320	15
	Lime	Kagzi	872	17440	10
	Guava	L-49	786	31440	10
Total			7124	158200	35

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio-fungicide	Metarizium	240	48000	27
Total		240	48000	27

Production of livestock and related enterprise materials

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2016-17

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	3580	532	430	716000
Water	445	411	361	43700
Total	4025	943	791	759700

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 : 05
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S.M.VASTRAD, S.Y.WALI, AND KARBHANTNAL.S.S. 2016., Demonstrating the IDM Technology in Pomegranate abstract presented in National Symposium on “**Recent Advances in plant Health Management for Sustainable Productivity**” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.pp.159

S.M.VASTRAD, S.Y.WALI AND M.M.JAMADAR., 2016., Efficacy of Profiler 71.1 WP(Flupicolide 4.44% + Fosetyl Al 60.67 %) against Citrus Gummosis abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.pp 68.

S.M.VASTRAD, D.M.KAMBREKAR AND M.M.JAMADAR 2016 Studies on Powdery Mildew of Pigeonpea in Vijayapura Distirct abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.pp.11

S.M.VASTRAD, S.S.KARBHANTNAL AND ARUN SATAREDDY 2016 Custodia (Azoxystrobin 11% + Tebuconazole 18.3% SC), an effective eco-friendly new fungicide for the management of downy mildew of grapes. abstract presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016Pp66

M.M.JAMADAR.,N.SHALANI HUILGOL AND **S.M.VASTRAD**.,2016 Present scenario of major fruit crops diseases in northern Karnataka., Lead paper presented in National Symposium on “Recent Advances in plant Health Management for Sustainable Productivity” and IPS(SZ) meet held at UAS, Dharwad on December 15-16 2016.p 156-157

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.)
01	03	2000	815	05

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