

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 2016)

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	Miss Archana Pattar	Scientist	-	Horticulture	M.Sc(Horti.)	15600		21.01.2016	Temp	-
5	Scientist	Vacant	Scientist	-	Agronomy	-	15600-39100	-	-	-	-
6	Scientist	Vacant	Scientist	-	Ag.Enggineering	-	15600-39100	-	-	-	-
7	Scientist	Vacant	Scientist	-	Animal science	-	15600-39100	-	-	-	-
8	Programme Assistant	Vacant	Programme Assistant	-	Soil science	-	9300-38400	-	-	-	-
9	Computer Programmer	Mr.S.C.Rathod	Programme Assistant	M	Computer programmer	MCA, PGDCA	9300-38400		16.12.2008	Per.	SC
10	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	Mr.Yariswammy	Driver LVD		LVD	7 th Pass	14550-26700		23.05.2005	Per.	SC
14	Driver 2	Vacant	Driver		LVD		11600-21000		-	-	-
15	Supporting staff 1	Smt.Abai Pisali	Supporting staff 1		Asst. cook cum care taker	PUC	10400-16400		29.06.2015	Per.	OBC
16	Supporting staff 2	Smt.Shridevi Goudannavar	Supporting staff 2		Messenger	PUC	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	Rain Water harvesting system	ICAR	April -2008	3165 cum	8,60,726	-	-	Constructed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2003	3,24,238	6809	Good
TOYOTA Qualis	2004	4,64,034	320202	Good
Hero Honda KA-25 EC-7517	2009	49,500	42723	Good
Hero Honda KA-25 EC-7527	2009	49,500	67948	Good

C) Equipments & AV aids:

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

1.8. Details SAC meeting conducted in 2015-16

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
1	16.09.2015	35	05	Re-submission of proposal on establishment of custom hiring centre to UAS, Dharwad for reconsideration.	Proposal has been resubmitted
				Increase the number of demonstrations on DDK-1029 & UAS 334 wheat varieties & popularize the same among the farmers by KVK	During 2014-15 & 2015-16 FLDs on 304 (20) and DDK-1029 (20+5) those conducted and area spread in 40 acre
				Introduce mechanically harvested chickpea varieties in the district.	OFTs have been conducted during 2015-16 on GBM-2
				Increase the number of demonstrations on JG-11 & JAKI-9218 chickpea varieties .	Under NFSM 45 FLDs were conducted with JG-11 during 2015-16
				Due to shortage of labour in Agriculture, demonstrations on mechanical harvesting to be shown in farmers field.	KVK Vijayapur is conducting preliminary trials on mechanical harvesting and 5 OFTs on GBM-2 is conducted
				Awareness training programmes on drainage maintenance in field s to be carried out in Indi and Sindagi talukas.	Awareness programme on drainage management have been planned during 2016-17 Action plan they are planned
				Programmes on export facilities available on Pomegranate and Grapes to be conducted for farmers.	One programme has been conducted during August 2015 and 3 FPOs have been organized
				Programmes to be organized on formation of CIG and FIG groups related to Onion , Lime ,Grapes & Pomegranate .	4 programmes have been conducted at Atarga, Telagi, Ukkali , Halsangi on FPO formation
				Trainings programmes related to animal husbandry , Fisheries , Poultry to be conducted in collaboration with line departments	Since there is no Animal scientist FLDs and training programme have not been conducted

Sl. No.	Date	No. of Participants	No. of absentees	Salient Recommendations	Action taken
				Increase the number of Off campus trainings & seed production programmes in farmers field.	In progress
				Programmes to be planned on every Monday by UAS, Scientist in Collaboration with AIR, Vijayapur	Awaiting financial sanction
				Popularization of varieties released in ZREAC/ZREFC meeting to be given preference by KVK under the funds allotted by Director of Research, UAS, Dharwad	For all FLDs recently released variety will be considered
				Increase the number of milking cows in KVK dairy.	Since there is shortage of forage crops milk yield is average.
				More importance given to foxtail millet and other crops other than pigeonpea. Programmes to be organized on plant protection in Lime & striga management.	FLD on foxtail millet have been planned during 2016-17 and training programme on Lime and striga has been conducted at Gornal
				Programmes on popularization of seed production with participation of farmers to be carried out.	Seed production will be carried out during 2016-17
				KVK should increase the number of subscribers to Krishi Munnade to at least 1500.	In progress
				SMS to be sent to farmers related to the problem on Acidosis by consuming sugarcane fodder in animals.	Regular sms has been sent

PART II - DETAILS OF DISTRICT

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

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

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

S. No	Agro-climatic Zone	Characteristics
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
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

S. No	Agro ecological situation	Characteristics
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 biseasonal 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 cent and hence have very low infiltration rate. In general, these soils fall under land capability class-II. Post – monsoon cropping is most common on these soils. The available water holding capacity of these soils is around 6 cm per 30 cm soil depth.	2,34,113
4	Red loam soils	This type of soil is found in immediate association with black soils and near hillocks. The depth varies from 15 to 100 cm and the clay content is around 30 percent according to topography and parent material from which they are formed and extent of weathering. These soils show moderate to good infiltration rate. The soils are	48,061

S. No	Soil type	Characteristics	Area in ha
		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	
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)
	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)

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /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	-	-
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)

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg/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 2015-16

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)	
		Maximum	Minimum	AM(%)	PM(%)
April-2015	32.4	37.3	22.1	67	25
May-2015	38.4	39.7	23.8	72	26
June-2015	100.7	33.8	22.3	82	48
July-2015	0.8	33.4	22.1	83	45
August-2015	73.9	32.7	21.5	87	54
September-2015	257.2	32.2	21.3	90	57
October-2015	97.0	33.3	20.3	83	42
November-2015	9.9	31.6	18.0	78	40
December-2015	0.0	31.7	15.5	75	35
January-2016	0.2	31.0	14.0	64	29
February-2016	0.0	35.0	18.9	58	26
March-2016	17.0	37.7	21.9	54	22

* Agro meteorology RARS, Bijapur

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

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

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

* District statistics office, Department of statistics, Vijayapur

2.7 District profile has been **Updated** for 2015-16 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	Vijayapura	Makanapur	Makanapur Sinal	2015-16 – 1 Year	Bajra, Sorghum, Bengalgram Grape & Tomato	<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 Bengalgram • Pest and disease incidence in grape • Non availability high yielding variety tomato 	<ul style="list-style-type: none"> • Soil and water conservation practices in dry land areas. • Introduction of varieties in sorghum, • Introduction of varieties in Bengalgram • Integrated Pest and disease management in Grape • Introduction of varieties in Tomato
					Livestock (Cattle, Buffalo, Goat, Poultry)	Poor nutrition and diseases in animals	Management of animals for higher productivity, Creation of self employment opportunities.
					Home science	Drudgery and unemployment	Self employment activities and drudgery reduction

Sl. No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas enterprises
2.	Indi	Hireroogi	Hireroogi Tamba	2015-16 - 1 year	<ul style="list-style-type: none"> • Pomegranate • Sugarcane 	<ul style="list-style-type: none"> • Bacterial Blight in pomegranate • Micronutrient deficiency and weed infestation in sugarcane 	<ul style="list-style-type: none"> • Plant protection in pomegranate. • Production method in sugarcane.
					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 – 1 year	Diccum Wheat INM in Sugarcane Redgram Cotton	<ul style="list-style-type: none"> • Low yielding varieties in Diccum wheat • Poor nutrition in sugarcane, • lack of high yielding in irrigated Redgram • Reddening and mite sucking pest in Cotton 	<ul style="list-style-type: none"> • ICM in Diccum & wheat, • Nutrient management in sugarcane, • Introduction of new variety • ICM in Bt.Cotton.
					Sheep & Goats	Poor nutrition and diseases in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment,	Self employment activities and drudgery reduction

Sl. No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas enterprises
4.	B.Bagewadi	Hattarkihal	Hattarkihal Ronihal	2015-16- 1 year	<ul style="list-style-type: none"> • Sorghum • Redgram • Bengalgram 	<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 	<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
					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 – 1 year	Bajra Sugarcane Onion Groundnut	<ul style="list-style-type: none"> • Moisture stress, • Weed infestation in sugarcane • lack of high yielding varieties in onion & groundnut 	<ul style="list-style-type: none"> • Moisture conservation • Nutrient management in Sugarcane • ICM in Onion • Pest & Disease management in Groundnut
					Sheep & Goats	Poor nutrition and pest diseases in animals	Management of animals for higher productivity
					Home science	Drudgery and unemployment,	Self employment activities and drudgery reduction

2.9 Priority thrust areas

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

PART III - TECHNICAL ACHIEVEMENTS**3.A. Details of target and achievements of mandatory activities**

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
04	03	20	15	17	16	162	157

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
96	78	2390	6130	1667	333	36776	18294

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
127	71.5	12500	1680

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
0	0	0	0

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	Lack of Medium duration variety with wilt and SMD resistance	Assessment of medium duration , wilt ,SMD resistance and high yielding variety GRG-811 of pigeon pea rainfed condition	-	01	-	-	Group meeting-01 Training-01	0.05	-	-	-	-	
2.	Integrated Crop Management	Chickpea	Lack of suitable variety for combined harvesting	Assessment of erect type ,high yielding variety GBM-2 of chickpea under rainfed condition	-	01	-	-	Group meeting-01 Training-01	0.25	-	-	-	-	
3.	Integrated Disease Management	Onion	Thrips	Thrips management in Onion	-	01			Group meeting-01 Training-01	-	-	-	-	-	
4.	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 day-01	0.30			10	10	

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
5.	Processing and Value Addition	Jowar	Unaware of sorghum flakes	-	Demonstration of Sorghum flakes of AKJ-1 Variety	01	-	-	Group meeting-01 Training-01 Field day-01	0.10	-	-	-	-	-
6.	Processing and Value Addition	Jowar	Unaware of sorghum peda	-	Popularization of Sorghum peda of SMJ-1 variety	01	-	-	Group meeting-01 Training-01 Field day-01	0.10	-	-	-	-	-
7.	Integrated Crop Management	Jowar	Moisture stress	-	In situ moisture conservation in sorghum (Compartment bunding in Kharif-followed sowing of rabi jowar in rabi season)	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	-	-	-
8.	Integrated Crop Management	Wheat	Lodging, Leaf blight, rust and low yield	-	Demonstration of DDK-1029 variety in Wheat	01	-	-	Group meeting-01 Training-01 Field day-01	3.0	-	-	05	5	
9.	Integrated Pest Management	Pigeonpea	Wilt and pod borer	-	Integrated Crop Management in Redgram with variety TS-3R (Variety TS-3R seed treatment with bio fertilizers and trichoderma , ovidicide spray, installation of pheromones traps , use neem based insecticides , HaNPV & need based application of chemical insecticides)	01	-	-	Group meeting-01 Training-01 Field day-01	0.75	-	-	15	15	

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions										
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products	
													No.	Kg
10.	Integrated Crop Management	Chickpea	Wilt and pod borer	-	Integrated Crop Management in Bengal gram with var JG-11 (Variety JG-11, seed treatment with bio fertilizers and trichoderma, ovicides spray, installation of pheromones traps, use neem based insecticides, HaNPV & neem based application of chemical insecticides)	01	-	-	Group meeting-01 Training-01 Field day-01	3.0	-	-	15	15
11.	Integrated Nutrient Management	Cotton	Sucking pests, reddening, Square drop	-	Management of physiological disorders in Bt. Cotton	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	-	-
12.	Integrated Weed Management	Sugarcane	High Cost of cultivation, low yield	-	SSI in Sugarcane	01	-	-	Group meeting-01 Training-01 Field day-01	4000 seedlings	-	-	-	-
13.	Integrated Crop Management	Sugarcane	Heavy infestation with <i>Striga</i> and low yield	-	Striga management in Sugarcane	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	-	-
14.	Integrated Pest Management	Pomegranate	Bacterial blight	-	BLB Management Sanitation, dusting bleaching powder around the plant use of disinfected, equipment for pruning, spraying of COC + antibiotics, spraying of micronutrients	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	05	15

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products		
														No.	Kg
					, spraying dimethoate & Carbaryl for thrips & fruit sucking moth management										
15.	Integrated Pest Management	Grapes	Stem borer	-	Stem borer management in grape(DDVP@8% stem injection)	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	-	-	-
16.	Integrated Crop Management	Onion	Low yields ,rotting	-	ICM in Onion	01	-	-	Group meeting-01 Training-01 Field day-01	0.15	-	-	-	-	-
17.	Others	Onion	Low yield due to Weed infestation	-	Weed management in transplanted onion (Oxyfluorfen 23.5% EC @ 0.25 kg a.i. ha-1 as post emergence (POE) at 5 WAT)	01	-	-	Group meeting-01 Training-01 Field day-01	-	-	-	-	-	-
18.	Integrated Crop Management	Tomato	Low yields sucking pest & Diseases	-	Promotion of new hybrid Arka Samrat	01	-	-	Group meeting-01 Training-01 Field day-01	0.03	-	-	-	-	-
19.	Other	Stimulation kit	Unaware of the importance of stimulation in early years that hinder the optimum development in later years		Stimulation kit for psycho-motor development of infants	-	01	-	Group meeting-01 Training-01	5 kit	-	-	-	-	-

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 wilt and SMD resistance & high yielding hybrid- ICPH-2740 & GRG-2009 of pigeon pea under irrigated condition	UAS,Raichur	Pigeon pea	05	-	01	Not implemented
2.	Assessment of wilt and SMD wilt SMD resistance & high yielding variety GRG-811 of pigeon pea under rain fed condition	UAS,Raichur	Pigeon pea	05	-	01	1+0
3.	Assessment of erect type , high yielding variety GBM-2 of chickpea under rainfed condition	UAS,Dharwad	Chickpea	05	-	01	1+0
4.	Thrips management in Onion	UAS, Dharwad	Onion	05	-	01	1+0
5.	Wider row spacing in bajra	AICRP on Pearl millet , UAS, Dharwad	Bajra	-	10	01	1+1
6.	Demonstration of sorghum flakes of AKJ-1 variety	UAS,Dharwad	Sorghum	-	10	01	1+1
7.	Popularization of sorghum peda of SMJ-1 variety	UAS,Dharwad	Sorghum	-	20	01	1+1
8.	Demonstration of DDK-1029 variety in Wheat	UAS,Dharwad	Wheat	-	05	01	1+1
9.	In situ moisture conservation in sorghum BJV-44 / M35-1	UAS,Dharwad	Sorghum	-	15	01	1+1
10.	IPM in Redgram (TS-3R)	UAS,Raichur	Redgram	-	15	01	1+1
11.	Integrated Crop Management in Bengal gram with var JG-11	UAS,Dharwad	Bengalgram	-	15	01	1+1
12.	ICM in Sunflower (Variety DSFH-3)	UAS,Dharwad	Sunflower	-	05	01	Not implemented
13.	Management of physiological disorders in Bt. Cotton	UAS, Dharwad	Cotton	-	15	01	1+1

S.No	Title of Technology	Source of technology	Crop/enterprise	No.of programmes conducted			
				OFT	FLD	Training	Others (Group meeting + Field day)
14.	SSI(Sustainable Sugar Initiative) in Sugarcane	UAS,Dharwad	Sugarcane	-	02	01	1+0
15.	Striga management in Sugarcane	ICRISAT , Hyderabad	Sugarcane	-	05	01	1+0
16.	Bacterial Blight Management in Pomegranate	UAS,Dharwad	Pomegranate	-	05	01	1+1
17.	Stem borer management in Grape	UAS,Dharwad	Grape	-	05	01	1+0
18.	ICM in Onion	UAS,Dharwad	Onion	-	05	01	1+1
19.	Weed management in transplanted Onion	UAS, Dharwad	Onion	-	05	01	1+0
20.	Introduction of new hybrid Arka Samrat in Tomato	IIHR,Bengaluru	Tomato	-	05	01	1+0
21.	Stimulation kit for psychomotor development in infants	UAS,Dharwad	Stimulation kit	-	05	03	1+0

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Group meeting + Field days)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
04	0	01	0	-	-	-	-	10	0	05	0	0	0	0	0
03	0	02	01	-	-	-	-	15	00	04	00	0	0	0	0
04	0	01	0	-	-	-	-	12	00	04	00	0	0	0	0
03	0	02	0	-	-	-	-	08	00	03	00	0	0	0	0
-	-	-	-	09	-	01	-	08	00	02	00	25	02	15	0
-	-	-	-	10	-	00	-	15	00	02	00	30	0	05	0
-	-	-	-	16	-	04	-	20	02	02	00	15	0	10	0
-	-	-	-	05	-	00	-	08	00	02	00	10	08	04	00
-	-	-	-	12	-	03	-	10	02	01	00	01	00	00	00
-	-	-	-	14	-	01	-	15	02	03	00	15	02	03	00
-	-	-	-	13	-	02	-	10	00	02	00	25	02	00	00
-	-	-	-	04	-	01	-	08	00	02	00	00	00	00	00
-	-	-	-	12		03	-	20	02	00	00	35	00	05	00
-	-	-	-	02	-	00	-	05	02	01	00	10	03	00	00
-	-	-	-	05	-	00	-	06	01	00	00	00	00	00	00
-	-	-	-	05	-	00	-	12	03	00	00	10	05	00	00
-	-	-	-	05	-	00	-	08	02	00	00	05	00	00	00
-	-	-	-	05	-	00	-	05	02	00	00	04	00	02	00
-	-	-	-	05	-	00	-	04	01	00	00	02	00	00	00
-	-	-	-	00	-	05	-	05	02	00	00	01	00	00	00
-	-	-	-	04	-	01		10	02	00	00	10	02	00	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
Integrated Crop Management			02							02
Integrated Disease Management					01					01
Total			02		01					03

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

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

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

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

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Integrated Crop Management	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
Integrated Disease Management	Onion	Thrips management	05	05	0.2
Total	03		15	15	0.6

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

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

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

4.C1. Results of Technologies Assessed

1. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refineme nt needed	Justificatio n for refinement
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) Yield (q/ha)	80 120 10	13.50	Variety suitable for deep black soil or assured irrigation	-	-
					TO 2.TS-3R	Days to 50% flowering (%) No. of pods /plant (No.s) Yield (q/ha)	87 156 9.2	15.25			
					TO 3. GRG- 811	Days to 50% flowering (%) No. of pods /plant (No.s) Yield (q/ha)	98 176 8.75	17.50			

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO 1: Gulyal	UAS, Raichur	13.50	q/ha	91250	4.88
TO 2.TS-3R	UAS, Raichur	15.25	q/ha	107125	5.76
TO 3 . GRG-811	UAS, Raichur	17.50	q/ha	126450	6.67

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-2009 variety
- 4 Source of technology : UAS, Raichur
- 5 Production system and thematic area : Irrigated & IPM
- 6 Performance of the Technology with performance indicators: Wilt, SMD managed effectively
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : More number of sprays required for pod fly management
- 8 Final recommendation for micro level situation : -
- 9 Constraints identified and feedback for research : Hybrid is late maturing
10. Process of farmers participation and their reaction : Participatory & high yielding but needs more no. of sprays for pod fly at later stages

2. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Bengalgram	Rainfed	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	05	TO1 : JG-11	Days to 50% flowering (%)	45.8	10.00	Variety is late maturing but suitable for mechanical harvesting	-	-
						No. of pods/plant (No.)	42.4				
						Yield(q/ha)	10.00				
					TO2: JAKI-9218	Days to 50% flowering (%)	48	9.20		-	-
					No. of pods/plant (No.)	40.2					
					Yield(q/ha)	9.20					
					TO2: GBM-2	Days to 50% flowering (%)	55.2	8.75			
						No. of pods/plant (No.)	31.60				
						Yield(q/ha)	8.75				

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	10.00	q/ha	32200	3.51
TO2: JAKI-9218	UAS, Dharwad	9.20	q/ha	29600	3.51
TO2: GBM-2	UAS, Raichur	8.75	q/ha	27575	3.34

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:
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

3. Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem definitio n	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the paramete r	Results of assessment	Feedback from the farmer	Any refinem ent needed	Justificati on for refinemen t
1	2	3	4	5	6	7	8	9	10	11	12
Onion	Irrigated	Thrips	Thrips management in Onion (Four rows of sorghum as border crop , use of yellow sticky trap)	05	TO1: Spraying of Lambida cylothrine @ 2ml/l (2 sprays)	No. of thrips (%)	11.54	188.80	Yield was highest with lambda cylothrine but Lecaninni lecani	-	-
						Bulb weight (grms)	113.2				
						Yield(tons/ha)	188.8				
TO2: Spraying of Dimethoate @ 1.75ml/l (2 sprays)	No. of thrips (%)	13.62	180.80	works to cheapest option	-	-					
	Bulb weight (grms)	112									
	Yield(tons/ha)	180.80									
TO3: Spraying of Lecaninni lecani @ 5ml/l (2 sprays)	No. of thrips (%)	16.02	177.60	-	-						
	Bulb weight (grms)	92.60									
	Yield(tons/ha)	177.60									

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
TO1: Spraying of lambda cyhalothrin @ 1.00ml/l (2 sprays)	Farmers practice	188.80	tons/ha	158120	3.31
TO2: Spraying of Dimethoate @ 1.75ml/l (2 sprays)	UAS, Dharwad	180.80	tons/ha	151660	3.32
TO3: Spraying of <i>Lecaninni lecani</i> @ 5ml/l (2 sprays)	NRC on Onion & Garlic RajgurNagar	177.60	tons/ha	148760	3.31

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 : Thrips management in Onion (Four rows of sorghum as border crop, use of yellow Sticky trap)
- 2 Problem Definition : Thrips
- 3 Details of technologies selected for assessment : *Lecaninni lecani* @ 5ml/l
- 4 Source of technology : NRC on Onion & Garlic Rajguru Nagar
- 5 Production system and thematic area : Irrigated & IDM
- 6 Performance of the Technology with performance indicators: Thrips
7. Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques : Yield was highest with lambda cylothrane but *Lecaninni lecani* works to cheapest option
- 8 Final recommendation for micro level situation : -
- 9 Constraints identified and feedback for research : -
- 10 Process of farmers participation and their reaction : Participatory

PART V - FRONTLINE DEMONSTRATIONS**5.A. Summary of FLDs implemented during 2015-16**

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	Khariif-2015	Sunflower	DFSH-3	-	Integrated crop management	ICM in Sunflower	02	02	-	-	-	Not implemented due to shortage of rainfall
2	Pulses	Irrigated	Khariif-2015	Redgram	TS-3R	-	Integrated Pest Management	IPM in Redgram	06	06	01	14	15	
		Rainfed	Rabi-2015	Bengalgram	JG-11	-	Integrated crop management	ICM in Bengalgram	06	06	02	13	15	
3	Cereals	Rainfed	Khariif-2015	Bajra	-	86M52	Integrated crop management	Wider row spacing in Bajra	10	04	01	09	10	
		Rainfed	Rabi-2015	Sorghum	AKJ-1	-	Value addition	Demonstration of sorghum flakes of AKJ-1 variety	04	04	-	10	10	
		Rainfed	Rabi-2015	Sorghum	SMJ-1	-	Value addition	Popularization of sorghum peda of SMJ-1 variety	08	08	04	16	20	
		Rainfed	Rabi-2015	Rabi sorghum	BJV-44/M35-1	-		In situ moisture conservation in sorghum –BJV 44 / M 35-1	06	06	03	12	15	
		Rainfed	Rabi-2015	Wheat	DDK-1029	-	Integrated Crop Management	Introduction of Dicoccum in Wheat	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	
							ent							
4	Millets													
5	Vegetables	Irrigated	Rabi-2015	Onion	Bhima kiran	-	Integrated Crop Management	ICM in Onion	02	02	00	05	05	
		Irrigated	Rabi-2015	Onion	Bhima kiran	-	Integrated Crop Management	Weed management in transplanted Onion	02	02	00	05	05	
		Irrigated	Rabi-2015	Tomato	-	Arka samrat	Vegetables crop	Introduction of new hybrid Arka Samrat in Tomato	02	02	05	00	05	
6	Flowers													
7	Ornamental													
8	Fruit	Irrigated	Rabi-2015	Pomegranate	Kesar	-	Integrated Pest Management	Bacterial Blight Management in Pomegranate	02	02	00	05	05	
9	Spices and condiments													
10	Commercial	Rainfed	Kharif-2015	Cotton	-	Bt. Cotton	Integrated Nutrient Management	Management of physiological disorders in Bt. Cotton	06	06	03	12	15	
		Irrigated	Kharif-2015	Sugarcane	Co-86032	-	Integrated Crop Management	SSI(Sustainable Sugar Initiative) in Sugarcane	0.8	0.8	00	02	02	
		Irrigated	Rabi-2015	Sugarcane	Co-86032	-	Integrated Weed Management	Striga management in Sugarcane	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	
11	Medicinal and aromatic													
12	Fodder													
13	Plantation													
14	Fibre													
15	Dairy													
16	Poultry													
17	Rabbitry													
18	Piggery													
19	Sheep and goat													
20	Duckery													
21	Common carps													
22	Mussels													
23	Ornamental fishes													
24	Oyster mushroom													
25	Button mushroom													
26	Vermicompost													
27	Sericulture													
28	Apiculture													
29	Implements													
30	Others (specify)	-	2015	Stimulation kit	-	-	Child Development	Stimulation kit	05 Nos	05 Nos	03	02	05	

5.A. 1. Soil fertility status of FLDs plots during 2015-16

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-2015	Sunflower	DFSH-3	-	Integrated crop management	ICM in Sunflower	Kharif-2015				Sorghum
2	Pulses	Rainfed	Rabi-2015	Redgram	TS-3R	-	Integrated Pest Management	IPM in Redgram	Rabi-2015				Sorghum
		Rainfed	Rabi-2015	Bengalgram	JG-11	-	Integrated crop management	ICM in Bengalgram	Rabi-2015				Sorghum
3	Cereals	Rainfed	Kharif-2015	Bajra	-	86M52	Integrated crop management	Wider row spacing in Bajra	Kharif-2015				Redgram
		Rainfed	Rabi-2015	Sorghum	AKJ-1	-	Value addition	Demonstration of sorghum flakes of AKJ-1 variety	Rabi-2015				Sunflower
		Rainfed	Rabi-2015	Sorghum	SMJ-1	-	Value addition	Popularization of sorghum peda of SMJ-1 variety	Rabi-2015				Sunflower
		Rainfed	Rabi-2015	Rabi sorghum	BJV-44/M35-1	-		In situ moisture conservation in sorghum –BJV 44 / M35-1	Rabi-2015				Redgram

Sl. No	Category	Farming Situation	Season and Year	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Season and Year	Status of soil			Previous crop grown
										N	P	K	
10	Commercial	Rainfed	Kharif-2015	Cotton	-	Bt. Cotton	Integrated Nutrient Management	Management of physiological disorders in Bt.Cotton	Kharif - 2015				Maize
		Irrigated	Kharif-2015	Sugarcane	Co-86032	-	Integrated Crop Management	SSI(Sustainable Sugar Initiative) in Sugarcane	Kharif -2015				Sugarcane
		Irrigated	Rabi-2015	Sugarcane	Co-86032	-	Integrated Weed Management	Striga management in Sugarcane	Rabi-2015				Sugarcane

5.B. Results of Frontline Demonstrations

5.B.1. Crops

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
							Demo				Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
							H	L	A										
Oilseeds																			
Sunflower	DFSH-3 Sunflower hybrid with wider row spacing	-	DSFH-3	Rainfed	05	02	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulses																			
Redgram	IPM in Redgram	TS-3R	-	Rainfed	15	06	8.50	6.10	7.51	6.49	15.90	17000	73565	56565	4.33	17900	63635	45735	3.56
Bengalgram	ICM in Bengalgram	JG-11	-	Rainfed	15	06	12.00	9.10	10.25	9.06	14.61	10147	44556	34409	4.39	10418	39402	28984	3.78
Cereals																			
Bajra	Wider row spacing in Bajra	-	86M52	Rain fed	10	10	18.50	13.50	15.25	13.20	15.71	10400	15550	5150	1.50	10900	13464	2564	1.24
Sorghum	Demonstration of sorghum flakes of AKJ-1 variety	AKJ-1	-	Irrigated	10	04	9.20	8.50	8.93	9.89	-10	9100	33041	23941	3.63	9100	31648	22548	3.48

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo	Area (ha)	Yield (q/ha)			Check	% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
							Demo					Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
							H	L	A										
Sorghum	Popularization of sorghum peda of SMJ-1 variety	SMJ-1	-	Rainfed	20	08	7.20	6.80	7.01	9.63	-27.18	9100	32523	22423	3.46	9100	30816	21716	3.39
Sorghum	In situ moisture conservation in sorghum – BJV 44 / M 35-1	BJV-44	-	Rainfed	15	06	14.80	13.10	13.68	12.71	7.84	12000	38313	26313	3.19	12000	34326	22336	2.86
Wheat	Introduction of Diccum in Wheat	DDK-1029	-	Rainfed	05	02	22.50	21.00	22.00	18.62	18.37	21840	90200	68360	4.13	22920	76342	53422	3.33
Millets																			
Vegetables																			
Onion	ICM in Onion	Bhima kiran	-	Irrigated	05	02	220	210	216	187	16	81000	259440	178440	3.20	85800	190332	104532	2.22
Onion	Weed management in transplanted Onion	Bhima kiran	-	Irrigated	05	02	232	225	229	204	12	73800	275040	201240	3.73	81000	245040	164040	3.03

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
							Demo				Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
							H	L	A										
Tomato	Promotion of new hybrid Arka Samrat in Tomato	-	Arka samrat	Irrigated	05	02			11.20	9.80	19.95	15550	57680	42130	3.71	17300	49000	31700	2.83
Fruit																			
Pomegranate	Plant protection in Pomegranate	Kesar	-	Irrigated	05	02			11.10	9.80	13.27	134736	610500	475764	4.53	142000	529924	387924	3.74
Spices and condiments																			
Commercial																			
Bt.Cotton	Management of physiological disorders in Bt.Cotton	-	Bt. Cotton	Rainfed	15	06	23.60	21.90	22.97	21.37	7.55	27180	137800	110620	5.07	27852	123965	96113	4.45
Sugarcane	SSI(Sustainable Sugar Initiative) in Sugarcane	Co-86032	-	Irrigated	02	0.8	162	160	161	131	23.0	82000	289800	207800	3.53	86000	235800	149800	2.74
Sugarcane	Striga management in Sugarcane	Co-86032	-	Irrigated	05	02	140	125	132	99.40	32.84	118610	264000	145390	2.23	111660	198800	87140	1.78

Crop	Name of the technology demonstrated	Variety	Hybrid	Farming situation	No. of Demo	Area (ha)	Yield (q/ha)			% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)				
							Demo				Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							H	L	A										
Others (pl.specify)	Stimulation kit	-	-	-	05	-	135	107	124.40	108.20	15.15	-	-	-	-	-	-	-	-

* 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
Redgram	Larve/plant	Number	6.40	10.99
	PDI	Per	3.55	9.17
Bengalgram	Wilt	Per	7.51	10.21
	Podborer	Per	2.79	6.47
Bajra	No. of tillers	Numbers	4.50	2.50
Sorghum	Organoleptic	Score	4.80	3.80
Sorghum	Organoleptic	Score	4.80	3.60
Rabi sorghum	1000Grain weight	grms	33.28	32.13
Wheat	No.of tillers	Number	10.40	7.20
	Lodging	Per	2.64	14.20
Onion	Thrips & blotch	Per	8.62	17.10
	Diameter of bulb	Centimeter	15.98	14.42
Onion	Weed index	Per	9.04	
Tomato	Disease fruit rot	Per	3.20	6.46
	Leaf blight	Per	11.38	16.20
Sugarcane	No. of tillers/plant	Number	17.00	8.50

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

5.B.3. Fisheries : Nil

5.B.4. Other enterprises : Nil

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

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

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	08	561	-
2	Farmers Training	30	500	-
3	Media coverage	42	-	-
4	Training for extension functionaries	05	75	-
5	Others (Group meeting)	07	184	-

PART VI – DEMONSTRATIONS ON CROP HYBRIDS**Demonstration details on crop hybrids**

Type of Breed	Name of the technology demonstrated	Name of the hybrid	No. of Demo	Area (ha)	Yield (q/ha)			Check	% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo					Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Cereals																	
Bajra	Wider row spacing in Bajra	86M52	10	04	18.50	13.50	15.25	13.20	15.71	10400	15550	5150	1.50	10900	13464	2564	1.24
Total	01	01	10	04	18.50	13.50	15.25	13.20	15.71	10400	15550	5150	1.50	10900	13464	2564	1.24
Vegetable crops																	
Others (pl.specify)	Promotion of new hybrid arka samrat	Arka samrat	05	02			11.20	9.80	19.95	15550	57680	42130	3.71	17300	49000	31700	2.83
Total	01	01	05	02			11.20	9.80	19.95	15550	57680	42130	3.71	17300	49000	31700	2.83
Commercial crops																	
Sugarcane																	
Cotton	Management of physiological disorders in Bt.Cotton	Bt.Cotton	15	06	23.60	21.90	22.97	21.37	7.55	27180	137800	110620	5.07	27852	123965	96113	4.45
Others (pl.specify)																	
Total	01	01	15	06	23.60	21.90	22.97	21.37	7.55	27180	137800	110620	5.07	27852	123965	96113	4.45

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										
Resource Conservation Technologies	01	11	0	11	4	0	4	15	0	15
Integrated Crop Management	09	1143	81	1224	145	09	154	1288	90	1378
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	02	13	0	13	0	0	0	13	0	13
Home Science/Women empowerment										
Designing and development for high nutrient efficiency diet	01	11	29	40	04	13	17	15	42	57
Processing and cooking	01	02	15	17	04	02	06	06	17	23
Value addition	01	7	4	11	0	0	0	7	4	11
Plant Protection										
Integrated Pest Management	04	347	50	397	5	0	5	352	50	402
Integrated Disease Management	04	360	5	375	0	0	0	360	5	375
TOTAL	23	1894	184	2088	162	24	186	2056	208	2274

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

Area of training	No. of Cour ses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Integrated Nutrient Management	02	91	02	93	10	0	10	101	02	103
Horticulture										
a) Vegetable Crops										
Nursery raising	01	00	55	55	0	0	0	0	55	55
b) Fruits										
Layout and Management of Orchards	01	50	02	52	16	0	16	66	02	68
Cultivation of Fruit	02	73	00	73	02	0	2	75	0	75
Home Science/Women empowerment										
Processing and cooking	01	0	11	11	0	39	39	0	50	50
Women empowerment	2	0	22	22	0	7	7	0	29	29
Plant Protection										
Integrated Pest Management	13	1023	5	1028	0	0	0	1023	5	1028
Integrated Disease Management	07	657	19	676	0	0	0	657	19	676
Capacity Building and Group Dynamics										
Leadership development	02	215	70	275	0	0	0	215	70	275
TOTAL	31	2109	186	2285	28	46	74	2137	232	2359

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

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

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	25	05	30	10	04	14	35	09	44
Integrated Pest Management	04	30	06	26	04	02	06	34	08	40
Production and use of organic inputs	01	16	04	20	04	02	06	20	06	26
Total	7	71	15	76	18	8	26	89	23	110

7.F Training programmes for Extension Personnel 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
Productivity enhancement in field crops	2	16	2	18	7	5	12	23	7	30
Integrated Pest Management	02	12	3	15	4	2	6	16	5	21
Total	4	28	5	33	11	7	18	39	12	51

7.G Sponsored training programmes : Nil

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	
2	Post harvest technology and value addition											
2.a.	Value addition	01	0	11	11	0	02	02	0	13	13	
4.	Income generation activities											
4.a.	Vermi-composting	04	10 2	22	13 4	16	12	28	11 8	34	15 2	
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	01	37	0	37	0	0	0	37	0	37	
4.i.	Tailoring, stitching, embroidery, dying etc.	01	0	32	32	0	14	14	0	46	46	
5	Agricultural Extension											
5.a.	Capacity building and group dynamics	01	30 0	50	35 0	25	25	50	32 5	75	40 0	
5.b.	Others (pl.specify)											
	Grand Total	8	439	115	564	41	53	94	480	168	648	

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	500	00	500	51	00	51	32	02	34
Kisan Mela	05	580000	1185	590185	1000	00	1000	130	60	601315
Kisan Ghosthi	13	3098	100	3198	00	00	00	00	00	00
Exhibition	06	600000	00	600000	9733	00	9733	52	00	52
Film Show	-	-	-	-	-	-	-	-	-	-
Method Demonstrations	04	60	00	60	02	00	02	00	00	00
Group meetings	07	183	0	183	00	00	00	01	00	01
Lectures delivered as resource persons		00	00	00	00	00	00	00	00	00
Newspaper coverage	42	00	00	00	00	00	00	00	00	00
Radio talks	06	00	00	00	00	00	00	00	00	00
TV talks	08	00	00	00	00	00	00	00	00	00
Popular articles	30	00	00	00	00	00	00	00	00	00
Extension Literature	09	00	00	00	00	00	00	00	00	00
Advisory Services	1000	00	00	00	00	00	00	00	00	00
Scientific visit to farmers field	-	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	1020	1000	20	1020	00	00	00	00	00	00
Diagnostic visits	40	1100	90	1190	00	00	00	30	04	34
Exposure visits	01	30	00	30	00	00	00	00	00	00
Soil health Camp	02	500	60	560	00	00	00	20	00	20
Celebration of important days (specify)	04	1600	48	1648	00	00	00	40	07	47
Total	2205	1188071	1503	1198574	10786	0	10786	305	73	601503

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS**9.A. Production of seeds by the KVKs 2015-16**

Crop category	Name of the crop	Variety	Hybrid	Quantity of seed (qtl)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	JOWAR	M-35-1		42.5	170000	
Pulses	REDGRAM	TS-3R		15.0	150000	
	BENGALGRAM	JG-11		4.0	24000	
Total		03	-	61.5	344000	-

9.B. Production of planting materials by the KVKs

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Fruits	LIME	KAGZI		3500	34000	05
	GUAVA	L-49		650	6000	01
	POME GRANATE	Kesar		1400	0	0
Total				5550	40000	6

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

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Popular article	Uttama arogyakagi kaitota	Patil,P.B., Wali,S.Y. and Pattar, A.S.	0
Popular article	Sajjeyinda tayarisabahudada maulyavardita padarthagalu	Patil,P.B., Wali,S.Y.	0
Technical bulletin	Mungaru Hangamigagi raithar Jagruti karyakram- tatrika kaipidi	S .S.Nooli S.M.Vastrad Prema Patil B.C.Kolhar	300
Folder	Togari Utpadana Tantrikategalu	S .S.Nooli S.M.Vastrad B.C.Kolhar	1000
Folder	Togariyalli Sasya Samrakshane	S.M.Vastrad S .S.Nooli P.B.Patil	1000
Folder	Dalimbeyalli rogalu mattu nirvahane	S.M.Vastrad S .S.Nooli P.B.Patil	1000
Folder	Sajjeyinda tayarisabahudada maulyavardita padarthagalu	Patil,P.B.	200
Folder	Drakshiyalli roga mattu kita nirvahane	SMV,SSN,PBP,ACP	1000
Folder	Dalimbeyalli rogalu mattu nirvahane	SMV,SSN,PBP,ACP	1000
Popular article	Uttama arogyakagi kaitota	PBP,SYW and ASP	500
Popular article	Value addition in pomegranate	PBP & ASP	500
Folder	Drakshibeleya samgra pede nirvahane	SGA ,SMV, ASP & SSN	1000
Folder	Dalimbe hannin utpadane kuritu tantrika kaipidi	SMV,ASP,SSN & SGA	1000
Popular article	Grandparents :Pillars of the family	Patil Prema	200

Item	Title	Authors name	Number
Article	Medicinal use of Pomegrane	Pattar archana	0
Popular article	Labadayaka Nugge Besayada Tantrikopayagalu	Archana Pattar, S.M.Vastrad,S.Y.Wali	0
Abstracts	Impact of IPM in Pigeonpea and new variety	S.M.Vastrad, S.Y.Wali , P.B.Patil and A.S.Pattar	0
Abstracts	Eco-friendly management of major soil and seed borne diseases of sorghum with main emphasis to charcoal rot	S.M.Vastrad,S.S.Karbhantanal,S.Y.Wali and Archana Pattar	0
Abstracts	In vitro evaluation of bioagents for the management of charcoal rot of sorghum	S.M.Vastrad, S.S.Karbhantanal and A.S.Pattar	0
Abstracts	Biological control in the management of rabi sorghum diseases	S.M.Vastrad, S.S.Karbhantanal and A.S.Pattar	0
Abstracts	Ridge planting in Onion	Archana Pattar, S.M.Vastrda,S.Y.Wali and S.S.Nooli	0
Book	Drakshiyalli uttam krishi paddatigalu	Patil,H.B., Vastrad,S.M.,Pattar,A.S. and Patil,P.B.	60
Book	Dalimbeyalli uttama krishi paddatigalu	Vastrad,S.M.,Pattar,A.S. and Patil,P.B.	75
Book	Limbeyalli uttama krishi paddatigalu	Vastrad,S.M.,Pattar,A.S. and Patil,P.B.	55
Book	Iruliyalli uttama krishi paddatigalu	Vastrad,S.M.,Pattar,A.S. and Patil,P.B.	84
Folder	Uttara Karnatakadalliya hingari jolada vishista taligala maulyavardane mattu uddimegarike abhivruddige sadhyategalu	Sajjanar,G.M., Patil,P.B., Wali,S.Y., Karbantanal, S.S.	100
Abstracts	Wider row spacing -A boon to enhance the crops yield in dry land agriculture	S.S.Nooli, S.Y.Wali,S.M.Vastrad	0
Abstracts	Economics analysis of Onion-Rabi sorghum relay cropping system	S.S.Nooli, S.Y.Wali, and S.M.Vastrad	0
TOTAL			9074

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
3	CD	PM Fasal Bima Yojana	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)

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 : 11
- ii. No. of farm families selected : 182
- iii. No. of survey/PRA conducted : 03

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	2976	2722	841	595200
Water Samples	1069	974	725	108300
Plant samples				
Manure samples				
Others (specify)				
Total	4045	3696	1566	703500

Details of samples analyzed during the 2015-16:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	570	519	300	114000
Water Samples	310	286	250	32300
Plant samples				
Manure samples				
Others (specify)				
Total	880	805	550	146300

10.I. Technology Week celebration during 2015-16 Yes/No, If Yes

Period of observing Technology Week: From 9.03.2016 to 14.03.2016

Total number of farmers visited : 1200

Total number of agencies involved : 08(KVK, KSDA, KSDH , Veterinary Dept. & NGO)

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

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized	04	300	Soil management & Export
Exhibition	02	200	PM Fasal Bima yojana & Pre rabi
Film show	01	200	PM Fasal Bima Yojana
Fair	-	-	
Farm Visit	-	-	
Diagnostic Practical's	-	-	
Supply of Literature (No.)	02	500	Literature on PMFBY & Pre rabi
Supply of Seed (q)	-	-	
Supply of Planting materials (No.)	-	-	
Bio Product supply (Kg)	-	-	
Bio Fertilizers (q)	-	-	
Supply of fingerlings	-	-	
Supply of Livestock specimen (No.)	-		
Total number of farmers visited the technology week	09	1200	

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

B. Major area coverage under alternate crops/varieties

C. Farmers-scientists interaction on livestock management

D. Animal health camps organized

E. Seed distribution in drought hit states

F. Large scale adoption of resource conservation technologies

G. Awareness campaign

PART XI. IMPACT

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

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 & Soil and water management in irrigated area & Kisan Mela - 2016
NFSM	Demonstrations were conducted on ICM in Groundnut & Bengalgram
Others	Awareness programme & Trainings conducted for farmers

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.)
Staff Research project	Implementing centre	30.04.2015	DR,UAS,Dharwad	1,80,000
Staff Research project	Implementing centre	30.04.2015	DR, UAS, Dharwad	1,20,000
Staff Research project	Implementing centre	30.04.2015	DR,UAS,Dharwad	1,20,000
Govt. Project – Krishi Bhagya	Implementing centre	05.05.2015	Comptroller, UAS, Dharwad	2,47,314
Planting technique on sugarcane	Implementing centre	30.05.2015	Comptroller, UAS, Dharwad	4,54,636
Staff Research project	Implementing centre	11.04.2015	DR, UAS, Dharwad	2,00,000
Testing fees (pathology)	Implementing centre	22.12.2015	Comptroller, UAS, Dharwad	5,84,414
PPV & RA	Implementing centre	07.11.2015	Comptroller, UAS, Dharwad	80,000

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 2015-16

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 : Nil

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

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	Symposium/Seminars on Good Agriculture practices in pomegranate	RKVY	Rs.83,000/-	Rs.46099/-	Rs.36901/- (Cheque .no:611475 dt: 08.03.2016)
02	Exhibition / Kisan Mela	RKVY	Rs.2,50,000/-	Rs. 115454/-	Rs.134546 (Ch.No: 611492 Dt: 30.03.2016)
03	Workshop on irrigation water management	RKVY	Rs.82500/-	Rs.26132/-	Rs.56368 /- (Ch.No:611491 Dt: 03.03.2016)

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 2015	-	-	-
May	-	-	-
June	22	138768	05
July	09	81046	02
August	-	-	-
September	-	-	-
October	-	-	-
November	-	-	-
December	01	10142	05
January 2016	-	-	-
February	-	-	-
March 2016	-	-	-
Total for the year 2015-16	32	229956	12

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	
01	Metarhizum	159	200	31800	

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1							

13.E. Utilization of hostel facilities Nil**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	02	04	-	3400	20	31 lakhs	0.6 ha

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

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

14.B. Utilization of KVK funds during the year 2015-16(Rs.)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	6128000	6128000	6128000
2	Traveling allowances	100000	100000	100000
3	Contingencies			
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	110,000	110,000	108180
<i>B</i>	POL, repair of vehicles, tractor and equipments	115,000	115,000	114879
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	50,000	50,000	48436
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	25,000	25,000	24631
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	135,000	135,000	103993
<i>F</i>	NFSM(FLD)	241,000	241,000	153586
<i>G</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	19,000	19,000	10620
<i>H</i>	Training of extension functionaries	-	-	
<i>I</i>	Maintenance of buildings	-	-	
<i>J</i>	Farmers field school			
<i>K</i>	Extension activities	50,000	50,000	18557
<i>L</i>	Library	5,000	5,000	800
TOTAL (A)		6978000	6978000	7106065

B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		6978000	6978000	7106065

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 2013 to March 2014	1007026=34	2089467	1426868	1669625=34
April 2014 to March 2015	1669625=34	2126536	1672255	2123906=34
April 2015 to March 2016	2121506 =34	2137555	1666545	2592516 =34

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

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr.Prema. B. Patil	Subject Matter Specialist	Food and Nutritional Security in Rural Households -role of women	MANAGE,Hyderabad	11/23/2015
Dr.S.Y.Wali	Programme Coordinator	Strategies for Promoting Farmers Producer Organisation	NAARM,Rajendra Nagar, Hyderabad 500 030	9/12/2015
Dr.S.M.Vastrad	Subject Matter Specialist	Strategies for Promoting Farmers Producer Organisation	NAARM,Rajendra Nagar, Hyderabad 500 030	9/12/2015

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

SUMMARY FOR 2015-16
I. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials
Integrated Crop Management	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
Integrated Disease Management	Onion	Thrips management	05
Total			15

Summary of technologies assessed under livestock : Nil

Summary of technologies assessed under various enterprises : Nil

Summary of technologies assessed under home science : Nil

II. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops : Nil

Summary of technologies assessed under refinement of various livestock : Nil

Summary of technologies refined under various enterprises : Nil

Summary of technologies refined under home science : Nil

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
Pulses	Integrated Pest Management	IPM in Redgram	01	15	06	7.51	6.49	15.90	Larve /plant 6.40	10.99	17000	73565	56565	4.33	17900	63635	45735	3.56
	Integrated crop management	ICM in Bengalgram	01	15	06	10.25	9.06	14.61	Wilt 7.51	10.21	10147	44556	34409	4.39	10418	39402	28984	3.78
Vegetables	Integrated Crop Management	ICM in Onion	01	05	02	216	187	16	Thrips and blotch 8.62	17.10	81000	259440	178440	3.20	85800	190332	104532	2.22
	Integrated Crop Management	Weed management in transplanted Onion	01	05	02	229	204	12	Weed index 9.04	14.10	73800	275040	201240	3.73	81000	245040	164040	3.03
	Vegetables crop	Promotion of new hybrid Arka Samrat in Tomato	01	05	02	11.20	9.80	19.95	Disease fruit rot 3.20	6.46	15550	57680	42130	3.71	17300	49000	31700	2.83

Crop	Thematic area	Name of the technology demonstrated	No. of KVKs	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
						Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fruit																		
	Integrated Pest Management	Plant protection in Pomegranate	01	05	02	11.10	9.80	13.27	PDI 8.02	12.44	134736	610500	475764	4.53	142000	529924	387924	3.74
Commercial	Integrated Nutrient Management	Management of physiological disorders in Bt.Cotton	01	15	06	22.97	21.37	7.55	No. of Bolls/ plant 38.57	26.34	27180	137800	110620	5.07	27852	123965	96113	4.45
	Integrated Crop Management	SSI(Sustainable Sugar Initiative) in Sugarcane	01	02	0.8	161	131	23.0	No. of tillers/ plant 17.00	8.50	82000	289800	207800	3.53	86000	235800	149800	2.74
	Integrated Weed Management	Striga management in Sugarcane	01	05	02	132	99.40	32.84	No.striga density/ sq m at 140 DAP 2.80	33.0	118610	264000	145390	2.23	111660	198800	87140	1.78
		Total	14	132	52.8													

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

** BCR= GROSS RETURN/GROSS COST

Livestock : Nil

Fisheries : Nil

Other enterprises :

Women empowerment: Nil

Farm implements and machinery : Nil

Other enterprises: Demonstration details on crop hybrids

IV. Training Programme

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

Area of training	No. of Cour ses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Resource Conservation Technologies	01	11	0	11	4	0	4	15	0	15
Integrated Crop Management	09	1143	81	1224	145	09	154	1288	90	1378
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	02	13	0	13	0	0	0	13	0	13
Home Science/Women empowerment										
Designing and development for high nutrient efficiency diet	01	11	29	40	04	13	17	15	42	57
Processing and cooking	01	02	15	17	04	02	06	06	17	23
Value addition	01	7	4	11	0	0	0	7	4	11
Plant Protection										
Integrated Pest Management	04	347	50	397	5	0	5	352	50	402
Integrated Disease Management	04	360	5	375	0	0	0	360	5	375
TOTAL	23	1894	184	2088	162	24	186	2056	208	2274

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 Nutrient Management	02	91	02	93	10	0	10	101	02	103
Horticulture										
a) Vegetable Crops										
Nursery raising	01	00	55	55	0	0	0	0	55	55
b) Fruits										
Layout and Management of Orchards	01	50	02	52	16	0	16	66	02	68
Cultivation of Fruit	02	73	00	73	02	0	2	75	0	75
Home Science/Women empowerment										
Processing and cooking	01	0	11	11	0	39	39	0	50	50
Women empowerment	2	0	22	22	0	7	7	0	29	29
Plant Protection										
Integrated Pest Management	13	1023	5	1028	0	0	0	1023	5	1028
Integrated Disease Management	07	657	19	676	0	0	0	657	19	676
Capacity Building and Group Dynamics										
Leadership development	02	215	70	275	0	0	0	215	70	275
TOTAL	31	2109	186	2285	28	46	74	2137	232	2359

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

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

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

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

Sponsored training programmes

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	
2	Post harvest technology and value addition											
2.a.	Value addition	01	0	11	11	0	02	02	0	13	13	
4.	Income generation activities											
4.a.	Vermi-composting	04	102	22	134	16	12	28	118	34	152	
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.	01	37	0	37	0	0	0	37	0	37	
4.i.	Tailoring, stitching, embroidery, dying etc.	01	0	32	32	0	14	14	0	46	46	
5.a.	Capacity building and group dynamics	01	300	50	350	25	25	50	325	75	400	
5.b.	Others (pl.specify)											
	Grand Total	8	439	115	564	41	53	94	480	168	648	

V. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	1000	-	-	-
Diagnostic visits	40	1190	34	1224
Field Day	08	551	10	561
Group discussions	07	183	01	184
Kisan Ghoshti	13	3198	-	3198
Kisan Mela	05	601185	130	601315
Exhibition	06	609733	52	609785
Scientists' visit to farmers field	02	28	02	30
Method Demonstrations	04	60	02	62
Celebration of important days	04	1648	47	1695
Exposure visits	01	30	20	50
Others (Soil health camp)	02	560	20	580
Total	1092	1218366	318	1218684

Details of other extension programmes

Particulars	Number
Electronic Media	
Extension Literature	09
News Letter	02
News paper coverage	42
Radio Talks	06
TV Talks	08
Others (popular articles)	05
Total	72

VI. PRODUCTION OF SEED/PLANTING MATERIAL

Production of seeds by the KVKs

Crop category	Name of the crop	Name of the variety (if hybrid pl. specify)	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	JOWAR	M-35-1	42.5	170000	-
Pulses	REDGRAM	TS-3R	15.0	150000	-
	BENGALGRAM	JG-11	4.0	24000	-
Total		03	61.5	344000	-

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	LIME	KAGZI	3500	34000	05
	GUAVA	L-49	650	6000	01
	POME GRANATE	Kesar	1400	0	0
Total			5550	40000	6

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2015-16

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	570	519	300	114000
Water	310	286	250	32300
Total	880	805	550	146300

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 :

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

Activities conducted				
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
04	02	-	3400	20

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