

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		
ICAR- Krishi Vigyan Kendra, Hittinihalli farm P.O.Box No.18, VIJAYAPURA- 586101	08352- 230758	08352- 230758	kvkVijayapura@gmail.com kvk.Vijayapura1@icar.gov.in	www.kvkvijayapura.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 de@uasd.in	www.uasd.edu.in

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

Name	Telephone / Contact		
	Residence/ Office	Mobile	Email
Dr.S.A.Biradar Sr. Scientist & Head KVK, Vijayapura	08352-230758	9448495346	kvkVijayapura@gmail.com sabiradar1@gmail.com

1.4. Year of sanction: April 2004

1.5. Staff position as on 31 March 2018

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Head/Senior Scientist	Dr.S.A.Biradar	Senior Scientist & Head	M	Agronomy	M.Sc(Agri.) Ph.D	37400-67000	46400	27.07.2017	Per.	OBC
2	Scientist/SMS	Dr.S.M.Vastrad	Scientist	M	Plant Protection	M.Sc(Agri.) Ph.D	15600-39100	32940	01.03.2006	Per.	Others
3	Scientist/SMS	Dr.Prema B. Patil	Scientist	F	Home Science	M.Sc(Home Science) Ph.D	15600-39100	35000	22.06.2007	Per.	Others
4	Scientist/SMS	Dr.Kapil Patil	Scientist	M	Horticulture	M.Sc (Horti.)	15600-39100	21600	19.04.2017	Per.	Others
5	Scientist/SMS	Dr.Sangeeta Jadhav	Scientist	F	Animal science	M.V.Sc	15600-39100	21600	28.04.2017	Per.	SC
6	Scientist/SMS	Dr.Vivek Devarnavadagi	Scientist	M	Ag. Engineering	M.Tech (Agri. Engineering)	15600-39100	24840	06.02.2018	Per.	OBC
7	Scientist/SMS	Vacant	Scientist	-	Agronomy	-	-	-	-	-	-
8	Programme Assistant (Lab Tech.)	Vacant	Programme Assistant	-	Lab Tech.	-	-	-	-	-	-
9	Programme Assistant (Computer)	Mr.S.C.Rathod	Programme Assistant	M	Computer programmer	MCA	9300-38400	17650	16.12.2008	Per.	SC
10	Programme Assistant/ Farm Manager	Mr.Mallappa B	Farm Manager	M	Farm Manager	M.Sc(Agri.)	9300-38400	14330	01.08.2017	Per.	SC
11	Assistant	Mr.S.E.Badiger	Senior Assistant	M	Sr. Assistant	MA	20000-36300	28100	01.04.2004	Per.	OBC
12	Jr. Stenographer	Vacant	-		Typist	-	-	-	-	-	
13	Driver - 1	Vacant	-		Driver	-	-	-	-	-	
14	Driver - 2	Vacant	-		Driver	-	-	-	-	-	
15	SS-1	Vacant	-		Cook cum care taker	-	-	-	-	-	
16	SS-2	Smt.Shridevi Goudannavar	Messenger	F	Messenger	BA	9600-14550	10400	20.01.2014	Per.	OBC

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2003	3,24,238	7526	Good
Mahindra Bolero	2017	800000	26722	
Hero Honda KA-25 EC-7517	2009	49,500	55497	Good
Hero Honda KA-25 EC-7527	2009	49,500	70043	Good

C) Equipment & 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 photometer	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	Not in use

1.8. Details of SAC meeting conducted during 2017-18

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
05.06.2017	45	Fish culture in Farm Ponds should be given importance and distribution of fish finger lings to the farmers.	FLD on “Composite fish culturing in farm pond” has been conducted. Ten farmers were selected and each have been given fingerlings (Rohu, Catla and Mrugula) and fish feed has also been given to the farmers,	
		Every year villages for FLD and OFT must be changed so that more number of villages can be covered.	New villages i.e. Kubbakaddi, Balbattli, Tonshyal have been selected this year	
		Striga management in sugarcane demonstrations should be continued.	Farm trail on striga management was conducted at Hullur	
		Society Secretary, Gram panchayath secretaries should be called for Trainings.	The secretaries were invited in the training conducted on tailoring at Arkeri from 13 th to 30 th Nov 2017. They have been involved in Off campus training programmes and field days	

		Farm women and Children should be educated about Farm Pond and Tube wells safety measures.	Information on safety was given during the trainings conducted on FLD on “Composite fish culturing in farm pon at Bhutnal on 9.9.17 abd Makanapur on 16.11.17.	
		In Hydro phonics unit along with maize, cowpea has to be tested.	Cowpea and ragi were tested	
		Popularization of hydro phonics through trainings.	5 Training programmes has been conducted on dairy farm &	
		Bank officials to be invited during trainings to give information regarding bank loans to the farmers.	NABARD bank representative was invited during the training conducted on tailoring at Arkeri from 13 th to 30 th Nov 2017	
		Proposal to be sent for skill development on tailoring of 21 days.	A SRP proposal on skill development in tailoring was submitted and approved and two trainings of 21 days from 4 th to 24 th SEP 2017 at KVK and 16 days from 13 th to 30 th Nov 2017 at Arkeri was conducted.	
		Plantation programme should be organized along with Forest Dept.	Agroforest saplings have been purchased from forest department, Almatti and will be planted in the month of June 2018.	
		Folder on medicinal value of Goat milk to be printed	A folder on “ Aadina halina mahatwa hagu poushtikate has been published and awareness has been created on its medicinal value during the trainings conducted on goat rearing.	

		Every Monday one SMS should go to Akashwani to give programme	An AIR official has come to KVK and recorded the radiotalks from each Scientist on their respective specialized topics such as “Antarajala marupoorane”, Hwaligeyalli mahileyara yashogategalu”etc	
		The products developed by KVK should be popularized.	Products developed by KVK were popularized during raita jagriti krishi mahotsava at kohlar on 14.8.17, UAS Dharwad Krishimela from 22-25Sept 2017, Millet mela held at Belagavi from 25 th to 26 th Nov 2018, Krishimela at Raichur from 8-11 December 2017 Krishimela at Vijayapur from 7-8 th Jan 2018, Millet mela at Bengaluru , National conference of KVK’s at New Delhi and during trainings conducted on value addition at KVK and DATC.	
		High yielding and High income generating crop varieties should be introduced	KVK promotes high yielding and high income generating crops in all front line demonstration and trainings 1. Redgram –TS-3R 2. Chickpea – JG-11 3. Wheat DDK1029 4. Wheat – UAS-334 5. Onion-Bhimasuper 6. Linseed NL-115	
		Popularization of Bio-fertilizers and organic farming and convincing farmers to adopt the new technologies.	KVK Vijayapura conducts training on production and usage of bio fertilizers and bio-pesticides, Neem seed campaign, seed treatment campaign and promotes use of organic farming practices in all front line demonstrations.	
		Popularization of inter cropping of Pigeon pea with minor millets	Farm trials were conducted during 2017-18 and FLD proposed during 2018-19 and approved in action plan	

		Updated information from KVK about different technologies should be given.	In every training recent technology have been promoted .	
		Every week one or two SMS from KVK should give programme in Akashwani.	All KVK scientist have given 4 radio talks during 2017-18	
		Fodder Dryland variety (Perennial variety – COFS-29) seeds should be given.	COFS- 29 multicut pernianal sorghum fodder seeds distributes to the farme under IFS and fodder bank programme	
		Rearing desi varieties of Hen (Giriraja) in Grape cultivation - Popularization and training should be conducted to give information about its Natural fertigation values.	200 Raja-02 broiler were raised as demo unit and farmers expressed	
		Fish Farming and introducing water gauges in farm pond.	FLDs on fish farming is being conducted from 2016-17 to 2017-18 and continued during 2018-19	
		Bahar Management training should be conducted and leaflets should be prepared.	Tow trainings have been conducted one at Jigajivanagi and another at Aheri, Jambagi.	
		Training Calendar to be prepared & supplied to all line departments.	Calendar prepared for 2018-19	
		Krishi Munnade 1000 members to be enrolled for Krishi Mela during 2017-18.	200 members have been enrolled for the year 2017-18	
		Every month one popular article should be published.	Six popular articles have been published such as Hwalige ondu yashasvi udyama, Tayi halinashte shreshtha aadina halu, Onadrakshi maduva paddatti, togariyalli natipaddati.	

		Success stories should be documented and published in Krishi Mela.	Success stories on tailoring entitled “Chakragala shaktiya yashogategalu” has been published in krishi munnade, Vol.30(9):33-35	
		Demonstrations to be conducted on Terrace gardening.	3 Trainings have been conducted exclusively on terrace gardening one training along with KSDH B. Bagewadi	
		Nutrition garden to be promoted at least in 5 schools.	It was promoted along with IFS in farmers field as the school management expressed difficulty of maintenance in schools.	
		Impact assessment of skill development programmes trainings conducted under ASCI.	Not done since there is no extension specialist and Veterinary doctor has joined recently.	
		IMD data should be obtained regularly for crop planning	This is done regularly along with AICRP on Agro meteorology.	
		Soft copies of folders to be uploaded on KVK portal.	Soft copies of folder uploaded on KVK website.	

PART II - DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
01	<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 Vijayapura.</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	Vijayapura 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, Vijayapura, 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 29.5°C (December) to a maximum of 40.5 °C (April). 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 Vijayapura 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 Vijayapura 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 Vijayapura 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 Vijayapura Crops: Cotton and redgram
8	Cropping with perennial irrigation	Tqs: Indi, Sindgi and Vijayapura 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 Vijayapura 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, Vijayapura 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, Vijayapura and B.Bagewadi talukas, The clay content of these soils is around 60 per cent and hence have very low infiltration rate. In general, these soils fall under land capability class-II. Post – monsoon cropping is most common on these soils. The available water holding capacity of these soils is around 6 cm per 30 cm soil depth.	2,34,113
4	Red loam soils	This type of soil is found in immediate association with black soils and near hillocks. The depth varies from 15 to 100 cm and the clay content is around 30 percent according to topography and parent material from which they are formed and extent of weathering. These soils show moderate to good infiltration rate. The soils are neutral to slightly alkaline in reaction, deficient in nitrogen and phosphorus but contain moderate amount of potassium. The soil can hold about 4 cm of available	48,061

		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 2015-16

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
	Crop production			
1.	Maize (K)	40207	264071	3848
2.	Bajra	20156	44256	840
3.	Redgram	135696	51836	633
4.	Groundnut	24779	25629	676
5.	Sunflower	45335	25658	364
6.	Cotton	7717	30313	419
7.	Sugarcane	65136	2770006	78t/ha
8.	Sorghum	176980	205883	932
9.	Wheat	53842	49632	1003
10.	Bengal gram	322020	95013	551
11.	Safflower	13809	1367	372
12.	Linseed	3209	1190	399
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.	Banana	1479	29580	20(t/ha)
25.	Lime	6815	170375	25(t/ha)
26.	Guava	128	2560	20(t/ha)
27.	Pomegranate	2606	26060	10(t/ha)
28.	Ber	327	9810	30(t/ha)
29.	Grape	10582	211640	20(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	924	31470	34.06(t/ha)
37.	Brinjal	925	23125	25(t/ha)
38.	Onion	13391	267820	20(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)
	Spice crops			
63.	Tamarind	240	1200	05(t/ha)
64.	Turmeric	61	549	09(t/ha)
65.	Garlic	201	1608	8(t/ha)
66.	Dry chillies	230	230	1(t/ha)
67.	Coriander	599	2396	04(t/ha)
68.	Fenugreek	149	447	03(t/ha)
69.	Other spice crops	133	798	06(t/ha)
	Plantation crops			
70.	Coconut	283	14.72 lakh nuts	0.05 lakh nuts
71.	Betelvine	31	620 lakh leaves	20 lakh leaves
72.	Oil palm	522	-	-
73.	Other garden / plantation crops	586	768	1.31
	Flower crops			
74.	Aster	06	03	0.5(t/ha)
75.	Crossandra	02	02	1(t/ha)
76.	Marigold	152	1520	10(t/ha)
77.	Jasmine	63	441	07(t/ha)
78.	Chrysanthemum	58	348	06(t/ha)
79.	Tuberose	47	150	03(t/ha)
80.	Marigold	61	610	10(t/ha)
81.	Tuberose	34	340	10(t/ha)
82.	Rose (Lakh flowers)	31	66	02(t/ha)

	Medicinal and Aromatic plants			
83.	Medicinal plants	57	171	03(t/ha)
84.	Lemon grass	24	168	07(t/ha)
85.	Other Aromatic plants	45	135	03(t/ha)

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

2.5. Weather data 2017-18

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April 2017	28.6	40.5	23.1	65
May 2017	10.4	39.9	24.3	86
June 2017	132.2	33.7	22.4	90
July 2017	74.0	32.0	21.6	90
August 2017	161.0	31.0	21.1	92
September 2017	188.3	31.2	21.2	93
October 2017	148.8	31.5	20.2	91
November 2017	0.0	30.8	15.2	82
December 2017	18.2	29.5	12.8	86
January 2018	0.0	30.4	13.0	76
February 2018	0.0	32.7	15.0	58
March 2018	2.4	36.8	20.3	58

* Agromate advisory services Vijayapura

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district 2015-16

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			

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

2.7 District profile has been **Updated** for 2017-18 Yes / No: Yes

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
01	Vijayapura	Aheri	Aheri, Jambagi Dhavalagi	2015-16 2016-17 2017-18	Bajra	Moisture stress Water scarcity,	Soil and water conservation practices in dry land areas.
					Wheat	Non availability of high yielding varieties in Wheat	Introduction of varieties in Wheat
					Redgram	Non availability of high yielding varieties in Redgram	Introduction of new variety
					Millet	Unaware of nutrient potential in millets , Drastic decrease in production	Introduction of millets varieties
					Lime	Citrus butterfly. Leaf miner, mite, canker and gummosis.	ICM in Lime
					Pomegranate	Bacterial blight , thrips and fruit sucking moths	IPDM Pomegranate
					Onion	Low yielding varieties , thrips, purple blotch , Bulb rot , weed infestation.	Integrated crop management in Onion
		Honaganahalli	Honaganahalli Savanahalli Tonashyal	2017-18	Sorghum	Non availability of high yielding varieties in sorghum	Introduction of varieties in sorghum,
					Redgram	Non availability of high yielding varieties in Redgram	Introduction of new variety
					Bengalgram	Non availability of alternate variety, wilt and pod borer	Integrated crop management
					Onion	Low yielding varieties , thrips, purple blotch , Bulb rot , weed infestation.	Integrated crop management in Onion

			Masuti Muttagi Konnur		Livestock (Cattle, Buffalo, Goat, Poultry)	Poor nutrition and diseases in animals	Management of animals for higher productivity, Creation of self employment opportunities.
			Arkeri		Home science	Drudgery, unemployment and unaware of value addition	Self employment, drudgery reduction & Value addition activities.
02	Basavan Bagewadi	Telagi	Telagi, Baganagar	2016-17 2017-18	Redgram	Non availability of high yielding varieties in Redgram	Introduction of variety and disease management in Redgram
					Onion	lack of high yielding varieties in onion	Integrated crop management in Onion
					Groundnut	Non availability of high yielding varieties in groundnut	Pest & Disease management in Groundnut
		Kubakaddi	Kubakaddi, Ronihal, Mamadapur	2016-17 2017-18	Wheat	Non availability of high yielding varieties in Wheat	Introduction of varieties in Wheat
					Redgram	Non availability of high yielding varieties in Redgram	Introduction of new variety
					Bengalgram	Non availability of alternate variety, wilt and pod borer	Integrated crop. management
					Onion	lack of high yielding varieties in onion	Integrated crop management in Onion
			Bhutanal Bommanahalli Utnal		Sheep & Goats	Poor nutrition and diseases in animals	Management of animals for higher productivity
			Kolhar Ronihal		Home science	Drudgery and unemployment	Self employment activities and drudgery reduction
03	Muddebihal	Jattagi	Jattagi Karkur Hullur	2016-17 2017-18	Wheat	Low yielding varieties, Lodging, leafblight, rust and weed infestation	Popularization of <i>Dicoccum</i> Wheat (DDK 1029)

					Pearl millet	Unaware of nutrient potential in millets , Drastic decrease in production.	Introduction of new variety
					Groundnut	Non availability of high yielding varieties in groundnut	Pest & Disease management in Groundnut
					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
05	05	23	23	17	17	160	150

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
60	53	1285	2408	1057	700	181000	645946

Seed Production (Q)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
550	229	8000	10000

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
36000	37000	-	-

3.B1. Abstract of interventions undertaken

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 dryroot rot tolerant pigeonpea varieties	-	01	-	-	Group meeting : 01 Field visit : 02	265 Kg	-	-	55	Kg
2.	Integrated Pest Management	Sorghum	Charcoal Rot incidence	Assessment of charcoal rot tolerant sorghum varieties	-	01	-	-	Group meeting : 01 Field visit : 02	65 Kg	-	-		
3.	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 Field visit : 02	11.5 qtl	-	-	50	Kg
4.	Varietal Evaluation	Marigold	Suitability of variety	Varietal assessment in marigold	-	01	-	-	Group meeting : 01 Field visit : 02	-	11112	-	-	-
5.	Feed and fodder	Fodder	Scarcity of fodder	Demonstration of high yielding multi-cut green fodder varieties	-	01	-	-	Group meeting : 01 Field visit : 02	-	-	-	-	-
6.	Moisture conservation	Rabi Sorghum	Low yield and moisture stress at maturity stages	-	High yielding variety CSV-29R compartment bunding in <i>Kharif</i> followed by <i>rabi</i> Sorghum , seed treatment with Biofertilizers	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	125 kg				

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 Field visit : 02 Field day : 01	3.0 qtls				
8.	Moisture conservation	Row crops	Labour problem	-	Improved Dry Land Weeder	01	-	-	Group meeting : 01 Field visit : 01	Cycle weeder 5 Nos.				
9.	Weed management	Wheat	Low yielding varieties, weed infestation and rust	-	Weed management in irrigated wheat	01	-	-	Group meeting : 01 Field visit : 04	350g Algriphaetcele				
10.	Processing and value addition	Foxtail millet	Extinction of foxtail millet and increasing diabetic population .	-	Foxtail millet variety DHFt-109-3 , Processing & Value addition for Health mix	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	20 kg				
11.	Processing and value addition	Finger millet	Unaware of the health benefits of finger millet and its cultivation in this zone	-	Finger millet variety DHFM 78-3 for malt making	01	-	-	Group meeting : 01 Field visit : 02	10 kg				
12.	Processing and value addition	Little millet	Unaware of cultivation of of little millet in this zone and its health benefits	-	Little millet variety DHLM 36-3 variety of Little millet in routine diet	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	30 kg				
13.	ICM	Onion	Thrips and blotch Rotting, Black mould	-	Integrated Crop Management in Onion	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	10 kg				
14.	ICM	Rose	Low yield, pest and disease management	-	Integrated crop management in Rose	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01		620			
15.	ICM	Tuberose	Low yield, pest and disease management	-	Integrated crop management in Tuberose	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01		400kg			

16.	Disease management	Pomegranate	Bacterial blight , thrips and fruit sucking moth	-	Bacterial blight and nematode management in pomegranate	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	25	ltrs
17.	Integrated Crop Management	Lime	Gummosis	-	Sanitation , drenching with ridomil gold, spraying with <i>Pseudomonas fluorescense</i> , spraying of COC + antibiotics,.)	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	25	ltrs
18.	Livestock	Fodder	Unaware of multi-cut fodder varieties	-	Cultivation of hybrid napier, guinea grass & Lucerne.	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	CO-5-500 Gune-200 Lucerne - ½ kg	-
19.	Livestock	Dairy	Delayed heat and low milk yield	-	Post calving management in dairy cows	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	Bypass-10 kg Mineral-3kg	-
20.	Livestock	Goat & sheep	Disease incident, endoparasite load and loss of body weight	-	Integrated disease management in sheep	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	10(1000 ml each)	-
21.	Livestock	Fish culture	Lack of knowledge about fish culture in farm ponds	-	Fish culture in farm ponds	01	-	-	Group meeting : 01 Field visit : 02 Field day : 01	-	-	-	Fingerlings - 400	-

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 dryroot rot tolerant pigeonpea varieties	UAS Raichur	Pigeon pea	05	-	-	0+0
2.	Assessment of charcoal rot tolerant sorghum varieties	UAS Dharwad	Sorghum	05	-	-	1+0
3.	Assessment of erect type ,high yielding variety GBM-2 of chickpea under rainfed condition	UAS Dharwad	Chickpea	05	-	-	1+0
4.	Varietal assessment in marigold	IIHR , Bengaluru	Marigold	03	-	-	1+0
5.	Demonstration of high yielding multi-cut green fodder varieties	UAS, Dharwad	Fodder	05	-	-	1+0
6.	High yielding variety CSV-29R compartment bunding in <i>Kharif</i> followed by <i>rabi</i> Sorghum , seed treatment with Biofertilizers	UAS,Dharwad	Rabi sorghum	-	20	01	1+0
7.	New variety MACS 6222 (Resistant to rust & good quality of chapati)	UAS, Dharwad	Wheat	-	10	01	1+0
8.	Improved Dry Land Weeder	UAS, Raichur	Row crops	-	05	01	1+0
9.	Weed management in irrigated wheat	UAS, Dharwad	Wheat	-	10	01	1+0
10.	Foxtail millet variety DHFt-109-3 , Processing & Value addition for Health mix	UAS,Dharwad	Foxtail millet	-	05	01	1+1
11.	Finger millet variety DHFM 78-3 for malt making	UAS,Dharwad	Finger millet	-	05	02	1+0

12.	Little millet variety DHLM 36-3 variety of Little millet in routine diet	UAS,Dharwad	Little millet	-	10	03	1+0
13.	Integrated Crop Management in Onion	UAS Dharwad	Onion	-	05	01	1+1
14.	Integrated crop management in Rose	IIHR Bengaluru	Rose	-	05	01	1+1
15.	Integrated crop management in Tuberose	IIHR Bengaluru	Tuberose	-	05	01	1+1
16.	Bacterial blight and nematode management in pomegranate	UAS Dharwad	Pomegranate	-	05	01	1+0
17.	Sanitation , drenching with ridomil gold, spraying with <i>Pseudomonas fluorescense</i> , spraying of COC + antibiotics,.)	UAS Dharwad	Lime	-	05	01	1+0
18.	Cultivation of hybrid napier, guinea grass & Lucerne.	UAS Dharwad	Fodder	-	20	01	1+1
19.	Post calving management in dairy cows	KVFSU, Bidar	Dairy cows	-	10	01	1+0
20.	Integrated disease management in sheep	KVFSU, Bidar	Goat & Sheep	-	10	01	1+0
21.	Fish culture in farm ponds	UAS, Dharwad	Fish	-	10	01	1+0

3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify)			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
03	0	02	0	-	-	-	-	-	-	-	-	05	02	02	01
03	0	02	0	-	-	-	-	-	-	-	-	05	02	02	01
03	0	02	0	-	-	-	-	-	-	-	-	05	02	02	01
02	0	01	0	-	-	-	-	-	-	-	-	05	02	02	01
03	0	02	0	-	-	-	-	-	-	-	-	05	02	02	01
-	-	-	-	15	0	05	0	15	0	05	0	25	10	05	10
-	-	-	-	08	0	02	0	08	0	02	0	20	15	08	00
-	-	-	-	03	0	02	0	0	16	0	4	05	16	06	01
-	-	-	-	08	0	02	0	09	02	0	0	01	05	05	03
-	-	-	-	02	0	03	0	35	15	12	2	10	25	05	10
-	-	-	-	08	0	02	0	08	0	02	0	15	03	08	02
-	-	-	-	07	0	03	0	07	0	03	0	13	05	05	02
-	-	-	-	03	0	02	0	03	0	02	0	10	05	06	02
-	-	-	-	02	0	03	0	02	0	03	0	15	02	06	02
-	-	-	-	03	0	02	0	03	0	02	0	12	03	08	02
-	-	-	-	02	0	03	0	02	0	03	0	10	05	05	00
-	-	-	-	04	0	01	0	04	0	01	0	08	03	08	02
-	-	-	-	08	0	02	0	08	0	02	0	20	03	08	02
-	-	-	-	07	0	03	0	07	0	03	0	25	05	05	00
-	-	-	-	07	0	03	0	07	0	03	0	16	04	06	02
-	-	-	-	08	0	02	0	08	0	02	0	15	05	08	02

PART IV - On Farm Trial

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management										
Varietal Evaluation			01				01			02
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management	01		01							02
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System										
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total	01		02				01			04

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management										
Varietal Evaluation										
Integrated Pest Management										
Integrated Crop Management										
Integrated Disease Management										
Small Scale Income Generation Enterprises										
Weed Management										
Resource Conservation Technology										
Farm Machineries										
Integrated Farming System										
Seed / Plant production										
Value addition										
Drudgery Reduction										
Storage Technique										
Mushroom cultivation										
Total										

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

Thematic areas	Cattle	Poultry	Piggery	Rabbit	Fisheries	TOTAL
Evaluation of Breeds						
Nutrition Management						
Disease of Management						
Value Addition						
Production and Management						
Feed and Fodder	01					01
Small Scale income generating enterprises						
TOTAL	01					01

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

Thematic areas	Cattle	Poultry	Piggery	Rabbit	Fisheries	TOTAL
Evaluation of Breeds						
Nutrition Management						
Disease of Management						
Value Addition						
Production and Management						
Feed and Fodder						
Small Scale income generating enterprises						
TOTAL						

4.B. Achievements on technologies Assessed and Refined

4.B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation	Chickpea	Assessment of chickpea varieties for mechanical harvesting	05	05	1.0
	Marigold	Varietal Assessment in Marigold	03	03	0.6
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management	Pigeonpea	Assessment of varieties for dry rootrot of pigeonpea	05	05	1.0
	Sorghum	Assessment of sorghum varieties for charocoal rot tolerance	05	05	1.0
Small Scale Income Generation Enterprises					
Weed Management					
Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					

Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total	04		18	18	3.6

4.B.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management					
Integrated Crop Management					
Integrated Disease Management					
Small Scale Income Generation Enterprises					
Weed Management					

Resource Conservation Technology					
Farm Machineries					
Integrated Farming System					
Seed / Plant production					
Value addition					
Drudgery Reduction					
Storage Technique					
Mushroom cultivation					
Total					

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management				
Feed and fodder	Dairy	Assessment of new variety Napier hybrid Co-5	05	05
Small scale income generating enterprises				
Total			05	05

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

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds				
Nutrition management				
Disease management				
Value addition				
Production and management				
Feed and fodder				
Small scale income generating enterprises				
Total				

4. C1. Results of Technologies Assessed

1.Results of On Farm Trial : Sorghum

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. /unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Sorghum	Rain fed	Charcoal Rot incidence	Assessment of Charcoal rot tolerant Sorghum varieties	05	TO1: FP: M35-1	-	9.20	q/ha	22.8	8820	1.84	
					TO2: RPP: BJV 44/ CSV 29R	UAS, Dharwad	11.54	q/ha	12.3	13734	2.31	
					TO3: AP: GS-23	UAS, Raichur	9.61	q/ha	12.14	9681	1.92	
					TO4: API: Phule Suchitra	MPKV Rahuri	9.54	q/ha	17.00	9534	1.91	

4. C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1. Title of Technology Assessed : Assessment of sorghum varieties for char coal rot tolerance
2. Performance of the Technology on specific indicators : GSV 23 is late by 10 days to M35-1
3. Specific Feedback from farmers : GSV 23 and CSV 29R are both high yielding and non lodging
4. Specific Feedback from Extension personnel and other stakeholders : CSV 29R is bold seeded and on par fodder quality to M35-1
5. Feedback to Research System based on results and feedback received: farm need a variety of 120 days maturity with tolerant to lodging and good fodder quality.

4. C1. Results of Technologies Assessed

2.Results of On Farm Trial : Pigeon pea

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. /unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Pigeon pea	Rain fed	Dry root rot incidence	Assessment of dryroot rot tolerant pigeonpea varieties	05	TO1: TS-3R	UASR	13.96	q/ha	16.10	65560	4.61	
					TO2: GRG-152	UASR	14.42	q/ha	11.10	66620	4.35	
					TO3: GRG-811	UASR	15.18	q/ha	6.50	70280	4.38	
					TO4: PRG-176	PJTSAU, Telangana	6.48	q/ha	26.12	19900	1.95	

4. C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1. Title of Technology Assessed : Assessment of dry root rot tolerant pigeon pea varieties
2. Performance of the Technology on specific indicators : Variety GRG-152 is early and tolerant to dry rootrot
3. Specific Feedback from farmers : Variety GRG 152 is early high yielding and tolerant to dry rootrot
4. Specific Feedback from Extension personnel and other stakeholders : GRG 811 is high yielding and resistant to SMD and Wilt but needs protective irrigation
5. Feedback to Research System based on results and feedback received: PRG variety is highly susceptible to wilt

4. C1. Results of Technologies Assessed

3.Results of On Farm Trial : Chickpea

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. /unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Chickpea	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	UAS, Dharwad	11.00	q/ha		28880	3.29	
					TO2: JAKI-9218	UAS, Dharwad	12.64	q/ha		35440	3.81	
					TO3: GBM-2	UAS, Raichur	10.68	q/ha		27600	3.19	

4. C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1. Title of Technology Assessed : Assessment of erect type, high yielding variety GBM-2 of chickpea under rain fed condition
2. Performance of the Technology on specific indicators : GBM 2 is erect type and flowers and pod filling takes at the top
3. Specific Feedback from farmers : GBM 2 is suitable for mechanical harvesting but late maturing needs protective irrigation
4. Specific Feedback from Extension personnel and other stakeholders :
5. Feedback to Research System based on results and feedback received:

4. C1. Results of Technologies Assessed

4. Results of On Farm Trial : Marigold

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. /unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Marigold	Irrigated	Suitability of variety	Varietal Assessment in Marigold	03	TO1: Local Var.	Farmer Practice	151.67	q/ha	0.81	208333	3.19	
					TO2: Arka Bangara-2	IIHR Bangalore	229.60	q/ha	1.24	45200	4.70	
					TO 3: Arka Bangara-1	IIHR Bangalore	233.33	q/ha	1.26	463333	4.86	

4. C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1. Title of Technology Assessed : Varietal Assessment in Marigold
2. Performance of the Technology on specific indicators : Arka Bangara & arka Bangara-2 are high yielding hybrids with good shelf life
3. Specific Feedback from farmers : Arka Bangara & Arka Bangara-2 are high yielding hybrids with good demand in the market
4. Specific Feedback from Extension personnel and other stakeholders : Arka Bangara & Arka Bangara-2 hybrids needs to be assessed in various seasons for its growth and yield parameters
5. Feedback to Research System based on results and feedback received:

4. C1. Results of Technologies Assessed

5. Results of On Farm Trial : Fodder crop

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs./unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
Fodder crops	Irrigated	Scarcity of fodder and low milk yield	Demonstration of high yielding multi-cut green fodder varieties	05	TO1: NB-21	-	400	Q/ha		15000	1.60	
					TO2:DHN-6	UAS, Dharwad	1208	Q/ha		80800	3.02	
					TO3: CO-5	TNAU, Coimbatore	1344	Q/ha		94400	3.36	

4. C2. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

1. Title of Technology Assessed : Demonstration of high yielding multi-cut green fodder varieties
2. Performance of the Technology on specific indicators : Co-5 is slightly high yielding than DHN-06
3. Specific Feedback from farmers : Co-5 is more palatable than DHN-06
4. Specific Feedback from Extension personnel and other stakeholders :
5. Feedback to Research System based on results and feedback received:

4.D1. Results of Technologies Refined

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Refined	Source of technology	Yield	Unit of yield	Observations other than yield	Net Return Rs. / unit	BC Ratio	Remarks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
					T.O.1 (Farmer practice)							
					T.O.2							
					T.O.3							

4.D.2. Details of Technologies refined:

1. Title of Technology Refined
2. Performance of the Technology on specific indicators
3. Specific Feedback from farmers
4. Specific Feedback from Extension personnel and other stakeholders
5. Feedback to Research System based on results/feedback received

PART V - FRONTLINE DEMONSTRATIONS

5.A. Summary of FLDs implemented

Sl. No.	Category	Farming Situation	Season	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small/ Marginal	Others
1	Oilseeds	Rainfed	Rabi	Sunflower	-	KBSH-3	Integrated Crop Management	Wider row spacing in Sunflower	50	50	22	78	12	88
		Rainfed	Rabi	Linseed	NI-115	-	Integrated Crop Management	Popularization of Linseed variety -NL-115	10	25	05	20	08	17
2	Pulses	Rainfed	Kharif	Redgram	TS-3R	-	Integrated Crop Management	Integrated Crop Management in Redgram with variety TS-3R	20	20	19	31	12	38
		Rainfed	Rabi	Bengalgram	JG-11	-	Integrated Crop Management	Integrated Crop Management in Bengal gram with var JG-11	30	30	25	50	15	60
3	Cereals	Rainfed	Rabi	Bajra	Pioneer 86M52/ DPMH-4	-	Moisture conservation	Demonstration of wider row spacing in Bajra for drought mitigation	10	08	15	05	15	05
		Rainfed	Rabi	Rabi sorghum	CSV-29R	-	Resource conservation	High yielding variety CSV-29R compartment bunding in <i>Kharif</i> followed by <i>rabi</i> Sorghum , seed treatment with Biofertilizers	08	08	15	05	10	10

		Rainfed	Rabi	Wheat	UAS-334	-	Integrated crop management	New variety UAS-334 (Resistant to rust & good quality of chapati)	04	04	05	05	05	05
		Rainfed	Rabi	Row Crops	-	-	Integrated Weed management	Improved Dry Land Weeder	04	02	03	02	03	02
		Rainfed	Rabi	Wheat	UAS-334		Integrated Weed management	Weed management in irrigated wheat	04	04	08	02	08	02
4	Millets	Rainfed	Kharif	Foxtail millet	DHFT 109-3	-	Processing and value addition	Processing and value addition of foxtail millet variety DHFT-109-3 for health mix	0.4	0.4	0	10	4	6
		Rainfed	Kharif	Little millet	DHLM 36-1	-	Processing and value addition	Introduction of DHLM 36-3 variety of little millet in routine diet	0.4	0.4	0	10	3	7
		Rainfed	Kharif	Finger millet	LM 365	-	Processing and value addition	Introduction of LM 365 variety of finger millet for malt making	0.4	0.4	0	5	4	1
5	Vegetables	Irrigated	Rabi	Onion	Bhima super		Integrated crop management	Integrated Crop Management in Onion	02	0	5	05	02	03
6	Flowers	Irrigated	Rabi	Rose	Rose	-	Integrated crop management	Integrated crop management in Rose	02	02	02	03	02	03

		Irrigated	Rabi	Tuberose	Tuberose		Integrated crop management	Integrated crop management in Tuberose	02	02	02	03	03	02
7	Ornamental													
8	Fruit	Irrigated	Rabi	Pomegranate	Kesar	-	Integrated Pest Management	Bacterial blight and nematode management in pomegranate	02	02	04	01	03	02
		Irrigated	Rabi	Lime	Kagzi	-	Integrated crop management	Sanitation , drenching with ridomil gold, spraying with <i>Pseudomonas floroscence</i> , spraying of COC + antibiotics,.)	02	02	04	01	04	01
9	Spices and condiments													
10	Commercial													
11	Medicinal and aromatic													
12	Fodder	Irrigated	Rabi	Fodder	-	Hybrid napier	Feed and fodder	Cultivation of hybrid napier, guinea grass & Lucerne.	04	04	07	13	08	12
13	Plantation													
14	Fibre													

15	Dairy	-	-	Dairy enterprise	-	-	Nutrition management	Post calving management in dairy cows	04	04	08	02	10	0
16	Poultry													
17	Rabbitry													
18	Piggery													
19	Sheep and goat	-	-	Sheep	-	-	Disease of management	Integrated disease management in sheep	04	04	05	05	07	03
20	Duckery													
21	Common carps	Irrigated	Kharif	Fish	Comman carp	-	Production and management	Fish culture in farm ponds	04	04	08	02	06	04
22	Mussels													
23	Ornamental fishes													
24	Oyster mushroom													
25	Button mushroom													
26	Vermicompost													
27	Sericulture													

28	Apiculture													
29	Implements													
30	Others (specify)													

5.A. 1. Soil fertility status of FLDs plots, if analyzed

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	
	Oilseeds												
	Pulses												
	Cereals												
	Millets												
	Vegetables												
	Flowers												
	Ornamental												
	Fruit												
	Spices and condiments												
	Commercial												
	Medicinal and aromatic												
	Fodder												
	Plantation												
	Fibre												

5.B. Results of FLDs

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	Wider row spacing in Sunflower	-	KBSH-53	Rainfed	75	30	19.90	12.80	16.20	14.40	12.50	17654	56700	39046	3.2	16900	47586	30686	2.8
	Popularization of Linseed variety –NL-115	NL-115	-	Rainfed	25	10	6.50	4.50	5.60	4.60	21.70	11200	29120	17920	2.6	11200	23000	11800	2.05
Pulses	Integrated Crop Management in Redgram with variety TS-3R	TS 3R	-	Rain fed	50	20	16.5	10.0	15	12	25	34800	90000	55200	2.58	36500	72000	35500	1.90
	Integrated Crop Management in Bengal gram with var JG-11	JG 11	-	Rain fed	50	30	15	7.5	13	10.5	23.08	14500	57200	42700	3.94	13600	42700	32600	3.40
Cereals	Demonstration of wider row spacing in Bajra for drought mitigation	-	86M 52	Rain fed	25	10	14	11	13.10	12.42	6.79	9360	11794	2434	1.26	9260	11174	1554	1.17
	High yielding variety CSV-29R compartment bunding in <i>Kharif</i> followed by <i>rabi</i> Sorghum , seed treatment with Biofertilizers	BJV 44/ CSV-29R	-	Rain fed	20	08	19.10	13.50	15.47	13.47	16.48	12600	32496	19896	2.58	12150	28177	16027	2.32

	New variety MACS (Resistant to rust & good quality of chapati)	MACS	-	Rain fed	12	5	28	17.80	21.05	20.22	4.26	22600	50520	27920	2.24	22600	48528	25928	2.15
	Improved Dry Land Weeder			Rainfed	05	02	14.50	12.00	13.35	10.91	23.18	17654	46725	29071	2.65	16900	38185	21285	2.26
	Weed management in irrigated wheat	UAS-334		Rainfed	10	04	30.80	22.80	28.16	25.06	12.31	23314	67574	44260	2.90	22600	60151	37551	2.66
Millets	Processing and value addition of foxtail millet variety DHFT-109-3 for health mix	DHFT 109-3		Rainfed	10	0.4	15	13	14.4	0	0	10000	25920	15920	2.59	-	-	-	-
	Introduction of DHLM 36-3 variety of little millet in routine diet	DHLM 36-3		Rainfed	10	0.4	12	10	10.8	0	0	10000	21600	11600	2.16	-	-	-	-
	Introduction of LM 365 variety of finger millet for malt making	LM 365		Rainfed	10	0.4	15	13	14	0	0	10000	25200	15200	2.52	-	-	-	-
Vegetables	Integrated Crop Management in Onion	Bhima super		Irrigated	5	2	418.75	325	366.25	312.75	16.94	95000	402875	307875	4.24	105000	344025	239025	3.28
Flowers	Integrated crop management in Rose	Gladiator		Irrigated	05	02	34	29.5	31.80	28.56	11.50	85000	254400	169400	2.99	81800	228480	146680	2.79
	Integrated crop management in Tuberose	Prajwal		Irrigated	05	02	95	88	91.10	78.54	16.04	137000	501050	364050	3.66	150000	431970	281970	2.88
Ornamental																			
Fruit	Bacterial blight and nematode management in pomegranate	Kesar		Irrigated	5	2	380	180	254	176.6	41.83	91100	762000	670900	8.40	111090	494536	383446	4.46

	Lime cankr management	Kagzi		Irrigated	5	2	185	171	176	152	15.69	42700	131850	85150	3.09	47700	109584	61884	2.30
Spices and condiments																			
Commercial																			
Fibre crops like cotton																			
Medicinal and aromatic																			
Fodder	Cultivation of hybrid napier, guinea grass & Lucerne.	Napier		Irrigated	10	04	450	365	397	-	-	20000	39700	19700	1.98	-	-	-	-
Plantation																			
Fibre																			
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 – 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		
Parameter with unit	Demo	Check
Wider row spacing in Sunflower – powdery mildew % DI	10.2	26.1
Popularization of Linseed variety –NL-115		
Integrated Crop Management in Redgram with variety TS-3R Wilt % DI	14.2	23.6
Integrated Crop Management in Bengal gram with var JG-11 Wilt% DI	11.6	19.1
Processing and value addition of foxtail millet variety DHFT-109-3 for health mix	4.0	4.1
Introduction of DHLM 36-3 variety of little millet in routine diet	4.7	4.4
Introduction of LM 365 variety of finger millet for malt making	4.6	4.4
Integrated Crop Management in Onion - purple blotch % DI	15.5	23.8
Bacterial blight and nematode management in pomegranate BLB% DI	15.5	24.0
Lime cankr management Canker % DI	15.1	21.6

5.B.2. Livestock and related enterprises

Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	No. of Units	Yield (kg/animal)			Check if any	% Increase	*Economics of demonstration (Rs./unit)				*Economics of check (Rs./unit)			
					Demo					Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					H	L	A										
Dairy	Post calving management in dairy cows		10	10	1080	720	841.50	612	37.84	14770	25245	10475	1.72	13100	18360	5260	1.41
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat	Integrated disease management in sheep		10	10	28	22	24.5	21.3	16.10	2050	5145	3095	2.52	2115	4473	2358	2.12
Duckery																	
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
Post calving management in dairy cows		
Integrated disease management in sheep		

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./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										
Common carps	Scientific fish culture in farm pond	Comman corp	10	10	35	29	30.90	22.50	39.10	14000	27810	13810	1.99	12000	20250	8250	1.69
Mussels																	
Ornamental fishes																	
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., 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
Scientific fish culture in farm pond		

B.4. Other enterprises

Enterprise	Name of the technology demonstrated	Variety/ species	No. of Demo	Units/ Area {m ² }	Yield			% 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											
Oyster mushroom																		
Button mushroom																		
Vermicompost																		
Sericulture																		
Apiculture																		
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.)

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

5.B.5. Farm implements and machinery

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	**	Gross Cost	Gross Return	Net Return	**			

* 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 laboursaved (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 organised	Number of participants	Remarks
1	Field days	06	312	
2	Farmers Training	06	116	
3	Media coverage	06	0	
4	Training for extension functionaries	02	32	
5	Others (Please specify)Group meeting	06	318	

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	**	Gross Cost	Gross Return	Net Return	**
					H	L	A										
Cereals																	
Bajra	Wider row spacing in Bajra	86M52	25	12	14	11	13.10	12.42	6.79	9360	11794	2434	1.26	9620	11174	1554	1.17
Maize																	
Paddy																	
Sorghum																	
Wheat																	
Others (pl.specify)																	
Total																	
Oilseeds																	
Castor																	
Mustard																	
Safflower																	
Sesame																	
Sunflower	Wider row spacing in sunflower	KBSH-53	100	50	19.90	12.80	16.20	14.40	12.50	16900	56700	39046	3.2	17654	47586	30685	2.8
Groundnut																	
Soybean																	
Others (pl.specify)																	
Total																	
Pulses																	
Greengram																	
Blackgram																	
Bengalgram																	
Redgram																	
Others (pl.specify)																	
Total																	
Vegetable crops																	

Bottle gourd																	
Capsicum																	
Others (pl.specify)																	
Total																	
Cucumber																	
Tomato																	
Brinjal																	
Okra																	
Onion																	
Potato																	
Field bean																	
Others (pl.specify)																	
Total																	
Commercial crops																	
Sugarcane																	
Coconut																	
Others (pl.specify)																	
Total																	
Fodder crops																	
Maize (Fodder)																	
Sorghum (Fodder)																	
Others (pl.specify)																	
Total																	

H-High L-Low, A-Average

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

Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl.specify)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl.specify)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl.specify)										
Soil Health and Fertility Management										
Soil fertility management	1	25	48	73	62	18	80	87	66	153
Integrated water management										
Integrated nutrient management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient use efficiency										
Balanced use of fertilizers										
Soil and water testing										
Others (pl.specify)										
Livestock Production and Management										
Dairy Management	02	28	01	29	13	2	15	41	3	44
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management										

Feed and Fodder technology										
Production of quality animal products										
Others (pl.specify)	03	66	02	68	17	02	19	83	04	87
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	35	15	50	12	2	14	47	17	64
Women empowerment	2		45	45		10	10		55	55
Location specific drudgery production										
Rural Crafts										
Women and child care										
Others (pl.specify)										
Agril. Engineering										
Farm machinery and its maintenance	2	71		71	3	2	5	74	2	76
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management	3	116	21	137	31	6	37	147	27	174
Integrated Disease Management	3	110	11	121	7		7	117	11	128
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides	2	16		16	4		4	20		20
Others (pl.specify)										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										

Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl.specify)										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
CapacityBuilding and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	29	667	143	810	185	42	227	852	185	1037

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	2	75	12	87	6		6	81	12	93
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs										
Others (pl.specify)										
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl.specify)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits	3	92	13	105	17	4	21	109	17	126
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										
Nursery Management										

Production of quality animal products										
Others (pl.specify)										
Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	3	9	46	55	0	16	16	9	62	71
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care	1	20	300	320	6	66	72	26	366	392
Others (pl.specify)										
Agril. Engineering										
Farm machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl.specify)										
Plant Protection										
Integrated Pest Management	5	195	9	204	19		19	214	9	223
Integrated Disease Management	2	38	5	43	43		43	81	5	86
Bio-control of pests and diseases	1	24		24	3		3	27		27
Production of bio control agents and bio pesticides										
Others (pl.specify)										
Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										

Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl.specify)										
Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production	2	36	2	38	12	5	17	48	7	55
Bio-fertilizer production	1	18		18	7		7	25		25
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
CapacityBuilding and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (pl.specify)										
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL	20	507	387	894	113	91	204	620	478	1098

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
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (Feed & Fodder Management)	01	09	-	09	6	-	06	15	0	15
TOTAL	01	09	-	09	6	-	06	15	0	15

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
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl. specify)										
TOTAL										

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										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs	1	21	2	23	8	1	9	29	3	32
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security	1	21	2	23	8	1	9	29	3	32
Any other (pl.specify)										
Total	2	42	4	46	16	2	18	58	6	64

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										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
Total										

7.G. Sponsored training programmes conducted

S.No	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Crop production and management										
1.a.	Increasing production and productivity of crops										
1.b.	Commercial production of vegetables										
2	Production and value addition										
2.a.	Fruit Plants										
2.b.	Ornamental plants										
2.c.	Spices crops										
3.	Soil health and fertility management										
4	Production of Inputs at site										
5	Methods of protective cultivation										
6	Others (pl.specify)										
7	Post harvest technology and value addition										
7.a.	Processing and value addition										
7.b.	Others (pl.specify)										
8	Farm machinery										
8.a.	Farm machinery, tools and implements										
8.b.	Others (pl.specify)										
9.	Livestock and fisheries										
10	Livestock production and management										
10.a.	Animal Nutrition Management										
10.b.	Animal Disease Management										
10.c.	Fisheries Nutrition										
10.d.	Fisheries Management										
10.e.	Others (pl.specify)										
11.	Home Science										
11.a.	Household nutritional security										
11.b.	Economic empowerment of women	1	0	28	28	0	10	10	0	38	38
11.c.	Drudgery reduction of women										
11.d.	Others (pl.specify)										
12	Agricultural Extension										
12.a.	CapacityBuilding and Group Dynamics										
12.b.	Others (pl.specify)										
	Total	1	0	28	28	0	10	10	0	38	38

Details of sponsoring agencies involved

- 1.
- 2.
- 3.

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

S.No.	Area of training	No. of Courses	No. of Participants									
			General			SC/ST			Grand Total			
			Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Crop production and management											
1.a.	Commercial floriculture											
1.b.	Commercial fruit production											
1.c.	Commercial vegetable production											
1.d.	Integrated crop management	4	55	10	65	5		5	60	10	70	
1.e.	Organic farming											
1.f.	Others (pl.specify)											
2	Post harvest technology and value addition											
2.a.	Value addition											
2.b.	Others (pl.specify)											
3.	Livestock and fisheries											
3.a.	Dairy farming	02	28	01	29	13	02	15	41	03	44	
3.b.	Composite fish culture											
3.c.	Sheep and goat rearing	3	66	02	68	17	02	19	83	4	87	
3.d.	Piggery											
3.e.	Poultry farming											
3.f.	Others (Feed and fodder management)	01	04	-	09	06	-	06	15	-	15	
4.	Income generation activities											
4.a.	Vermi-composting											
4.b.	Production of bio-agents, bio-pesticides, bio-fertilizers etc.											
4.c.	Repair and maintenance of farm machinery and implements	2	56		56			56	56		56	
4.d.	Rural Crafts	1		28	28		12	12		40	40	
4.e.	Seed production											
4.f.	Sericulture											
4.g.	Mushroom cultivation											
4.h.	Nursery, grafting etc.											
4.i.	Tailoring, stitching, embroidery, dying etc.	02	0	83	83	0	28	28	0	111	111	
4.j.	Agril. para-workers, para-vet training											
4.k.	Others (pl.specify)											
5	Agricultural Extension											
5.a.	Capacity building and group dynamics											
5.b.	Others (pl.specify)											
	Grand Total	15	209	124	338	41	44	141	255	168	423	

PART VIII – EXTENSION ACTIVITIES

Extension Programmes (including extension activities undertaken in FLD programmes)

Nature of Extension Programme	No. of Programmes	No. of Participants (General)			No. of Participants SC / ST			No. of extension personnel		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	06	238	16	264	23	0	23	0	0	00
Kisan Mela	04	500000	73353	573353	37000	25000	62000	400	10	410
Kisan Ghosthi	05	738	25	763	100	50	150	05	05	10
Exhibition	03	550	100	650	50	50	100	30	10	40
Film Show	07	-	-	-	-	-	-	-	-	-
Method Demonstrations	04	10	05	15		-	-	01	01	02
Farmers Seminar	02	125		125	55		55			155
Workshop	02	125	0	125	55	0	55	0	0	0
Group meetings	15	369	0	369	0	0	0	10	0	10
Lectures delivered as resource persons	79	2239	758	2997	239	174	413	950	75	1025
Newspaper coverage	21									
Radio talks	08									
TV talks	15									
Popular articles	03									
Extension Literature	07									
Advisory Services	22									
Scientific visit to farmers field	92	1000	100	1100	100	21	121	40	08	48
Farmers visit to KVK	375	300	75	375	0	0	0	40	08	48
Diagnostic visits	20	200	0	200	11	0	11	17	10	27
Exposure visits	03									
Ex-trainees Sammelan										
Soil health Camp	01									
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns	01	50	20	70	10	10	20	0	0	0
Farm Science Club Conveners meet										
Self Help Group Conveners										

meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	05	565	121	686	65	31	96	30	05	35
Any Other (Specify)										
Total	700	506509	74573	581092	37708	25336	63044	1523	132	1810

PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS

9.A. Production of seeds by the KVKs

Crop category	Name of the crop	Name of the Variety	Name of the Hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers to whom provided
Cereals (crop wise)	Sorghum	M35-1		21.00	63000	100
Oilseeds	Linseed	Nl-115	-	3.00	30000	30
	Seed hub					
Pulses	Pigeonpea	TS-3R		20.8	1,89,280	156
	Chickpea	JG-11		145	10,52,480	611
	Farm production					
	Redgram	TS-3R		14.00	127400	130
	Chickpa	JG-11		25.00	182500	100
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total				228.8	402900	1127

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
Commercial						
Vegetable seedlings						
Fruits	Guva air layers	L-49		2000	80000	100
	Lime seedlings	Kagzi		2000	40000	25
	Pomegranate	Kesar		2000	40000	20
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings	Hybrid napier	-	DHN-6	10000	10000	10
Forest Species						
Others(specify)						
Total				16000	170000	155

9.C. Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	Number of farmers to whom provided
Bio Fertilizers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others (specify)				
Total				

9.D. Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Cows	HFX deow			
Buffaloes				
Calves	HFX deow			
Others (Sheep & Goat)	Osmanabadi	24	12900	02
Poultry				
Broilers	Raja-2	180	21384	04
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Fingerlings				
Others (Pl. specify)				
Total		204	34284	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
Research papers	Biopriming of Chickpea Seeds with Biocontrol Agents for Enhanced Seedlings Vigor and Reduced Seed Borne Diseases.	VEENASHRI JAINPUR, SHALINI N HUILGOL, S.M VASTRAD, R B JOLLI.	Paper published in <i>Int. J. curr. Microbio l. App.Sci</i> (2018) 7(2):2746-2750
	Acceptability of functional clothing by farm women designed for harvesting activities	Patil,P.B. and Vastrad,J.	Indian journal of Applied Research,2017 Vol.7(6): 21-22
	Growth and quality parameter of safflower as influenced by different row proportion in intercropping system of safflower (<i>Carthamus tinctorius L.</i>) and linseed (<i>Linum usitatissimum L.</i>) under Rainfed condition,	Karale Gangadhar, S.A .Biradar, BK Desai, Ajithkumar K and Rajanna.	Journal of Pharmacognosy and Phytochemistry ; 7(2): 1549-1554
	Fibre yield, quality Parameter, light use efficiency and economics of linseed as influenced by intercropping system of safflower and linseed under rainfed condition	Karale Gangadhar, SA Biradar, BK Desai, Ajithkumar K and Rajanna.	<i>Green Farming</i> Vol. 9 (2) : 310-313
	Effect of Intercepted radiation and planting geometry on growth and yield of safflower and linseed intercropping system under rainfed condition	Karale Gangadhar, S. A. Biradar, B. K. Desai, Ajithkumar K and Rajanna B.	International Journal of Chemical Studies ; 6(2): 2056-2061
Abstract	Evaluation of seed health testing methods for detection of different fungi in chickpea seeds.	VEENASHRI JAINPUR, SHALINI N HUILGOL, S.M VASTRAD, R B JOLLI.2017	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.48
	Effective eco-friendly new fungicide Custodia (Azoxystrobin 11% +Tebuconazole 18.3% SC), for the management of downy mildew of Grapes.	Vastrad .S.M, Karbhantnal S.S and Arun Satareddi.	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.134
	Studies on Powdery Mildew of Pigeonpea in Vijayapura Distirct	Vastrad .S.M, Arun Satareddi and Jamadar M.M.	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.135

	In vitro evaluation of fungicides against the Rhizoctonia bataticola causing the dry root of chickpea	Veenashri S. Jainpur, Shalini N.Huligol, Vastrad S.M , and Jolli R.B.	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.144
	Bio-efficacy of combination fungicide flupyram 200 + Tebuconzole 400 SC (w/c) against fungal leaf & fruit spot of Pomegranate.	Vastrad .S.M , and Arun Satareddi.	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.154
	Bio-efficacy and phytotoxicity of Azoxystrobin 11% + Tebuconzole 18.3%SC against downy mildew in grapes.	Vastrad .S.M , and Arun Satareddi	ISMPP National Symposium on “Innovative Approches for Detection, Diagnosis and management of plant Diseases” meet held at UHS, Bagalkot on Oct.2017.pp.155
	Influence of varying seed rate and fertilizer levels on yield and quality of linseed	Channabasavanagouda S., Biradar S. A., Chittapur B. M., Shamrao Kulkarni and Balangouda S. R.	National Conference on “Science and Techonlgy Education” organized by KSTA at UAS, Raichur between 21-22 July 2017 pp 210-211.
Technical reports	NFSM report NMOOP report Doubling of farmers income report KVK acheivements	KVK Team	
News letters	Apr 2016 to Sep 2016, Vol 10 (1&2)	KVK team	200
	Oct 2016 to Mar 2017, Vol 10 (3&4)	KVK team	200
Technical bulletins	Krishi Sambandith Kaushalyaabhivruddi tarabeti	S.M.Vastrad, Prema Patil,Shweta G. and Kapil Patil .	Training manual on National Rural Livelihood Mission by KVK Vijayapura
	Krishi hagu Krishi Sambandith Kaushalyaabhivruddi tarabeti	Vijaykumar A.G., Vijay S. Atanur, S.M.Vastrad and Kapil Patil .	Training manual on National Rural Livelihood Mission by Fisheries Research & Information Center Bhutnal Vijayapura
	Limbeyaya Besaya – tantrika kaipidi”	S.M.Vastrad. , Kapil Patil, S.A.Biradar Prema Patil, Mallappa B. and S.C.Rathod.	-
	2018, Limbeya Tantrik Kaipidi	Kapil Patil. , S.M.Vastrad and S.A.Biradar,.	KVK Vijayapura, UAS,Dharwad. Pp.1-17.Vijayapura, UAS, Dharwad.pp.1-17.

	Totagarike Beleyalli Nursery Tantrakate hagu Pramukhyate	Kapil Patil , Srinivas N.M and S.M. Vastrad	NRLM Manual, Nov. 2017.PP. 4-7.
	Hasiru Mane Tantragnyan	Kapil Patil and S.M. Vastrad	NRLM Manual, Nov. 2017 PP.18-23
	Adik Eluvarigagi jaivik shilindranashak mattu gobbaragalu	S.M. Vastrad , S. S. Karbantnal and Kapil Patil	NRLM Manual, Nov. 2017.PP. 11-14.
	Krishi Sambandith Kaushalyaabhivruddi tarabeti	S.M.Vastrad, Prema Patil,Shweta G. and Kapil Patil .	Training manual on National Rural Livelihood Mission by KVK Vijayapura
	Krishi hagu Krishi Sambandith Kaushalyaabhivruddi tarabeti	Vijaykumar A.G., Vijay S. Atanur, S.M.Vastrad and Kapil Patil .	Training manual on National Rural Livelihood Mission by Fisheries Research & Information Center Bhutnal Vijayapura.
Popular articles	Drakshi Vana Drakshi Yaguva Pari	S.M. Vastrad and Kapil Patil	Krishi Jagaran, Dec 2017 :PP.72-73
	Togari nati paddatiyalli sudarita tantrikatagalu,	Vastrad S.M.Wali S.Y and Swetha .G	RaitaDwani Vol9 :40 Nov 20- 26 Page 02-04
	Togari alli varamana	Vastrad S.M.Wali S.Y and Swetha .G	RaitaDwani Vol9 :40 Nov 27- Dec 04, Page 04
	Chakragala shaktiya yashogategalu	Patil, P.B. and wali,S.Y.	Krishi munnade, Vol.30(9):33-35
	Tayi halinashte Shreshtha aadina halu	Patil,P.B. , Jadav, S. and Biradar, S.A.	Raita Dwani:2-3
	Neerinalli beleyabeku mevu neevu navu	Jadhav S.R	Vishwavani : 16-6-17)
Popular article	Annadaathan Asare- Krishi Yentra Dhare “	Shwetha G and Biradar S.A.	Krishi Munnade , 31(1) January pp. 20-21
Folder/ leaflet	Grameen mahileyarige hwalige ondu yashasvi udyama	Patil, P.B. and wali,S.Y.	Folder
Folder/ leaflet	Aadina halina mahatwa hagu poushtikate	Patil,P.B. , Jadav, S. and Biradar, S.A.	Folder
Folder/ leaflet	Mannina aarogya chitiya mahatwa, upayoga mattu balake	Malappa, b., Yedalli, V.G., Biradar, S.A., Jagdeesh,M, R., Vastrad, S.M., Patil, P.B. , Shweta, G., Patil,K. and Jadhav,S.	Folder
Folder	Kecchalu bavu	Jadhav .S.R	Folder
Extension literature	Jala Krishi Ghataka (Hydroponics)	Jadav,S. Biradar,S.A., Ajeshkumar, Vastrad,S.M., Patil,P.B. Shweta,G., patil,K., Jagdish,M.R. and Mallappa,B.	Folder
Leaflets	Bajra Production Technology	Dr.S.M.Vastrad and Dr.S.Y.Wali	1000 copies by DATC, Vijayapura
Leaflets	Maize production technology	Dr.S.M.Vastrad and Dr.S.Y.Wali	Folder
Leaflets	Redgram production technology	Dr.S.M.Vastrad and Dr.S.Y.Wali	Folder
Leaflets	Sunflower plant protection	Dr.S.M.Vastrad and	Folder

	technology	Dr.S.Y.Wali	
Leaflets	Contingent crop planning	Dr.S.M.Vastrad and Dr.S.Y.Wali	Folder
Leaflets	Jala Krishi Ghataka	Sangeeta Jadhav,S.A. Biradar,Ajeshkumar, S.M.Vastrad , Prema Patil, Shweta G and Kapil Patil	Folder,KVK Vijayapura
Leaflets	Aadina halina Mahatava haagu Poustikathe	Prema Patil, S.A. Biradar,S.Y.Mukartal, S.M.Vastrad , Shweta.G and Kapil Patil	Folder,KVK Vijayapura
Extension literature	Antrajal Marupurane- Niru Sarkashneya Heddari. PP. 21-24	Shwetha G. and S. .A .Biradar	Training manual on “Krishi Sambandith aushalyaabhivruddi tarabeti” of National Rural Livelihood Mission (NRLM) by KVK Vijayapura
	Problematic soil Management PP. 25-28	Shwetha G. and S. .A .Biradar	Training manual on “Krishi Sambandith aushalyaabhivruddi tarabeti” of National Rural Livelihood Mission (NRLM) by KVK Vijayapura
	Silage Making PP. 29-30	S. A. Biradar, Sangeeta Jadhav and Ajeshkumar	Training manual on “Krishi Sambandith aushalyaabhivruddi tarabeti” of National Rural Livelihood Mission (NRLM) by KVK Vijayapura
	Importance of Azolla g PP. 31-32	Sangeeta Jadhav Ajeshkumar and S. A. Biradar	Training manual on “Krishi Sambandith aushalyaabhivruddi tarabeti” of National Rural Livelihood Mission (NRLM) by KVK Vijayapura
	Crop diversification for sustainable resource use and farm income under changing senerio. Organized by SAMETI , UAS, Dharwad and AEEC, Vijayapura.	Biradar S.A.and Malappa B.,	Training manual on “Various techniques for doubling the farmers income” Pp 72-74
	Doubling farmers income in horticulture crops through post harvest techniques. Organized by SAMITI , UAS, Dharwad and AEEC, Vijayapura	Kapil Patil, Hanamshette S. I, Vastrad S. M., and Biradar S. A.	Training manual on “Various techniques for doubling the farmers income” pp-60-68
	Doubling farmers income through Animal Husbandary Organized by SAMITI , UAS, Dharwad and AEEC, Vijayapura.Activites”	Sangeeta R. Jadhav and Biradar S.A.,	Training manual on “Various techniques for doubling the farmers income” PP. 80-82.
Chapter in a book	Value addition to sorghum: Scope for commercialization in processing industry	Patil,P.B. and Wali,S.Y.	Mysore Book House, Mysuru. ISBN 978-93-85629-53-2

	Evaluation of acceptability of lime jam and scope for entrepreneurship development	Wali,S.Y. and Patil,P.B.	Mysore Book House, Mysuru. ISBN 978-93-85629-53-2
TOTAL	52		

10.B. Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD/ Audio-Cassette)	Title of the programme	Number
1.	CD	Lime gummosis management	10
2.	CD	Papaya production technology	10
3.	CD	Compartment bunding in Rabi crops	10
4.	CD	Pigeon pea dry root rot management	10
5.	CD	Production of vermicompost	10
6.	CD	Successful goat rearing famers	10

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).

This will be considered only with suitable photos for further reporting/reference.

Success story 1:

Title: Transplantation technique in redgram

Background: Since kharif rains are not regular in Vijayapur district transplantation technique will help

Interventions: KVK Intervention Transplanting method of Pigeonpea cultivation is one of the recently adopted technique in the Vijayapura district and gaining importance in Pigeonpea growing farming community because In recent years *kharif* rains (monsoon) are generally becoming irregular due to which sowing in the first fortnight is delayed and often accomplished in July or even later, resulting in reduced yield besides increase in disease and insect pest problems. In this method, Pigeonpea seedlings are raised in nursery, seedlings were ready in about 30-40 days and then transplanted in to the main field. It yields about 20-25 q/ha in rainfed conditions and about 30-40 q/ha in irrigated conditions. During 2017-18, about 100 hectares of area was under transplanted pigeonpea in Vijayapura district in collaboration with department of Agriculture. Though, the transplanting technology is good with respect to yield and returns, it did not spread to the expected level as it required protective irrigation, high amount of labour and high investment. With this progressive farmer an attempt was made to address these issues and to evaluate the comparative production economics of Pigeonpea under transplanting method with early maturing wilt tolerant variety TS-3R.

Process: The details of the cost of cultivation as well as the gross and net returns from Pigeonpea cultivation under transplanted and bullock drawn seed drill sown methods are compared. It is evident that the total cost of cultivation of Pigeonpea under transplanted method was higher (38,150/ha) compared to seed drill sown methods (32,000/-/ha). Eventhough, the cost of cultivation per hectare in transplanted Pigeonpea was considerably higher, the gross return and net returns were also significantly higher in transplanted method. There was significant difference in input use pattern between the two methods. In transplanted method, human labour accounted for 30.88 per cent (` 10696/-) of the total cost of cultivation. The gross returns and net returns obtained by transplanted method were 1,08,000 as against 63,480 per hectare, in seed drill sown method. The returns per rupee spent was 2.90 in case of transplanted method and 1.90 in case of seed drill sown method. The factors of production included in the production function (Table 2) have influenced the production of Pigeonpea in transplanted and seed drill sown methods. Therefore, there is a need to educate the farmers about judicious use of resources so as to reduce the cost of cultivation. Hence, there is a scope to increase the use of these resources further in the cultivation of Pigeonpea under both the methods to increase the returns. From this demonstration, it can be concluded that the adoption of transplanting technology has increased the net returns in Pigeonpea cultivation over the seed drill method. The productivity difference between transplanted and seed drill method was largely attributed the transplanting technology(70. Per cent). The plant protection chemicals had significant positive influence on output in transplanted method because it escaped thew podborer damage as it flowers 10 days early as compared to seed drill method. Further, the plant protection chemicals and other inputs were used optimally by transplanted method as against excessive use by seed drill method because it flowerd late and had more podborer damage. Therefore, it is necessary to motivate the farmers to opt for transplanting method of Pigeonpea cultivation with appropriate extension strategies and policy measures.

Technology

Impact:

Name of the technology demonstrated	Demo Yield (q/ha)	Check Yield (q/ha)	% Increase over check
New variety (TS-3R) With Pest & disease management	18	10.58	70.13

*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
Gross Cost	Gross Return	Net Return	*BCR	Gross Cost	Gross Return	Net Return	** BCR
38,150	1,08,000	70,861	2.90	32,000	63,480	31,480	1.9

Outcome:

- Risk management technique
- It saves input cost in the form of less seed rate, less plant protection etc.
- Increase in yield by 2 to 3 fold.
- Suitable technology for small and marginal farmers.

Impact: Increased income from Pigeonpea transplanting technology from **100 ha** .

(Additional Yield and Income :742 quintals / 100 ha X Rs. 6000= 4.45 crores)

From this demonstration, it can be concluded that the adoption of ICM in redgram has increased the net returns in redgram cultivation over the farmers method. The productivity difference between demo

and check method was largely attributed to the transplantation technology. The plant protection chemicals had significant positive influence on output in podborer damage as the flowers were red and not preferred by podborer. Further, the plant protection chemicals and other inputs were used optimally by demo method as against excessive use by farmers method. Therefore, it is necessary to motivate the farmers to opt for transplantation method of redgram cultivation with appropriate extension strategies and policy measures.

Success story 1:

1. Background:

Title: Tailoring as a successful enterprise for rural women

Gandhiji once said that the “**Women must not look to men for protection. They must rely on their own strength**”. It is definite that if appropriate skills and opportunities of decision making are given to women, they can prove that they are, if not superior, atleast equal to men.

Feminine skills such as tailoring and needlework, meant to keep a women occupied indoors, can be remodeled into careers. Though we say we are modernized, the mindset of people in rural areas has not yet changed completely. Still there are lot of obstacles for girls and women to go out to city and learn some new skills. Hence, KVK Vijayapura thought of an idea wherein women can sit at home, learn a skill and generate income and that skill is skill of stitching. By learning the skill of stitching women can start tailoring activity at their home itself. After finishing all household chores, the spare time can be utilized for tailoring activity.

- 2. Intervention process:** KVK Vijayapur has been conducting trainings for rural women since 2011. Ten to fifteen days training on tailoring was given to 260 women so far in different batches. Training twice a year was conducted per year. The criteria for selection was they should have the basic knowledge of pedaling the machine.
- 3. Intervention technology:** Teaching the skill of stitching new designs and patterns.
- 4. Impact horizontal spread:** Nearly 60 percent of women trained have started their own enterprise at home itself.
- 5. Impact economic gains:** An amount of Rs. 1,20,000/- is generated in a span of one year after the establishment of the small tailoring unit.
- 6. Impact on employment generation:** Almost sixty percent of the women are employed after attending the training programme on tailoring.

Success story 2:

1. Background:

Title: Power of wheels

Smt. Prema Bhosale residing at Hitnalli village, Dt: Vijaypur is 35 years old and has studied up to PUC II year. She belongs to general category and she lives in a small family with family size of four. She has two children. She is slightly physically challenged but it has not hindered her progress. She attended the training on tailoring twice conducted by KVK Vijayapura for 10 days each.

2. **Intervention process:** She attended the training on tailoring twice conducted by KVK Vijayapura for 10 days each. She had the basic knowledge of stitching but she developed the skill of new designs, new ways of stitching methods, good finishing etc through these training programs.
3. **Intervention technology:** Skill of stitching new designs
4. **Impact horizontal spread:** Looking at the success of Smt. Prema Bhosale, the family members have understood the importance of women in the family as they are also capable of contributing to the family income and sometimes in times of financial crisis they can become the backbone to the family. Looking at her success, the villagers are sending their adolescent girls and school dropouts for the training on tailoring. In times of more work load, she is hiring another trainees of our KVK and also giving them the opportunity to earn income. In this manner she is generating employment for other women.
5. **Impact economic gains:** She was earning Rs.3000/- per month prior to training but after receiving the training, her monthly income has gradually increased to 12000/- to 15000/- per month. With the earned income, she has contributed some part of her earnings towards the payment of loan of Rs. 1,00,000/-. She has also contributed towards the renovation of her house. She has purchased a new sewing machine by replacing the old one. She has purchased 4 tolas of gold and at present she has a saving of Rs. 50,000/- which she is planning to pay towards the coaching fees of her son.
6. **Impact on employment generation:** In times of more work load, she is hiring another trainees of our KVK and also giving them the opportunity to earn income. In this manner she is generating employment for other women.

Success story 3:

1. **Background:** Smt. Shobha Chavan aged 38 years is residing at Hitnalli village. She became a widow at a very young age when her two daughters were four and one year old. After the death of her husband she came back to her parents home.
2. **Intervention process:** She attended the training programmes given by KVK Vijayapura to get more knowledge regarding the new designs and patterns. She started receiving orders for stitching from her relative who was doing stitching on a larger scale. Thus she entered the business of stitching.
3. **Intervention technology:** Skill of stitching new designs and patterns
4. **Impact horizontal spread:** For her money is not a problem as she is from a good family background but keeping herself engaged, being independent and averting herself from depression was her main motto and she has succeeded in it. Now she has become role model for other women and she is guiding and boosting up other women like her to become independent in life.
5. **Impact economic gains:** Earlier she was earning 1500/- to 2000/- per month. Now she is earning up to 5000/- per month.

Success story 4:

1. **Background:** Shri. Usman Gani Makandar is a tailor aged 50 years with one son. He did his job of tailoring in Dubai for few years and had to return back to India to look after his aged parents as his younger brother expired. He continued his tailoring business in India. Due to some family issues, his wife left him and he started getting into depression. He was fed up of stitching and wanted to come out of his depression. He approached KVK to help him in getting any type of job in the campus. KVK started inviting him as resource person in teaching the skill of stitching to rural women during its training programmes.
2. **Intervention process:** KVK started inviting him as resource person in teaching the skill of stitching to rural women during its training programmes.
3. **Intervention technology:** Skill of stitching new designs and patterns
4. **Impact horizontal spread:** The women who attended the training programme in KVK started inviting him to their village to teach them. The link went on and now he has trained nearly 250 women in Hitnalli village. Now he has come out of his room of loneliness and depression.
5. **Impact economic gains:** Earlier he was earning 5000/- to 6000/- per month but now he earns nearly 15,000/- to 20,000/-month. His wife has returned back and now he has one more daughter and living happily with his complete family. He expresses that he has returned a loan of 2,00,000/- and made a saving of Rs. 1,50,000/-.
6. **Impact on employment generation:** He has trained nearly 250 women in Hitnalli village and now almost 60 percent of women are earning at least minimum of 2000/- per month.

Success story 5:

- 1. Background:** Smt. Shiningavva yatnal aged 28 years is a resident of Hitnalli village with two children. Her husband works in a shop. She does two businesses. One is tailoring and other is papad making. Papad making business runs only in the month of April and May. The other ten months she was sitting idle after completing her household work. They do not have any ancestral property. She had the basic knowledge of pedaling the machine but she needed more expertise
- 2. Intervention process:** She came to know about the tailoring trainings conducted at KVK through her neighbours. Thus she approached KVK and attended the trainings conducted by KVK on tailoring.
- 3. Intervention technology:** Skill of stitching new designs and patterns
- 4. Impact horizontal spread:** -
- 5. Impact economic gains:** In the beginning she was earning 1000/- to 1500/- per month. Now she is earning on an average rupees 5000/- to 6000/- per month. She says that she has started renovating her old house with the earned money.
- 6. Impact on employment generation:** -

Success story 6:

Title: Power of hands

1. Background:

Smt. Sharda Bhavikatti residing at Hitnalli village, Dt: Vijaypur is 37 years old and has studied up to PUC II year. She is a widow and has two children. She is involved in roti making.

- 2. Intervention process:** She had hired a house separately for roti making on rent basis. KVK helped her in building her own shed for preparation of rotis and has saved the rent expenditure.
- 3. Intervention technology:** Maintenance of hygiene, use of smokeless chulhas and wearing of cotton clothes from safety point of view.
- 4. Impact horizontal spread:** Looking at the success and profit made by Smt. Sharda Bhosale, many other members of the village have entered into roti making business.
- 5. Impact economic gains:** She has earned a profit of Rs. 26,000/- in four months.
- 6. Impact on employment generation:** In times of more work orders, she is hiring another women of the village and giving them the opportunity to earn income. In this manner she is generating employment for other women.

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

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
01	Bund farmer		
02	Motor cycle operated agricultural equipments		

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 : 08
- ii. No. of farm families selected : 110
- 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	4090	3691	1463	815300
Water Samples	1680	1529	1211	170700
Plant samples				
Manure samples				
Others (specify)				
Total	5770	5220	2674	986000

Details of samples analyzed during the 2017-18:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages	Amount realized (Rs.)
Soil Samples	544	450	322	106100
Water Samples	301	269	236	30100
Plant samples				
Manure samples				
Others (specify)				
Total	845	719	558	136200

Details of soil health cards issued during the 2017-18:

Date (s)	Farmers participated	No. of Samples analyzed	Soil health cards issued	No. of Villages	Public representatives participated	
					MLA/Ministe	Other Dignitaries/ Chief guests

10.I. Technology Week celebration during 2017-18 Yes/No, No

Period of observing Technology Week: From _____ to _____

Total number of farmers visited _____ :

Total number of agencies involved _____ :

Number of demonstrations visited by the farmers within KVK campus :

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies			
Lectures organized			
Exhibition			
Film show			
Fair			
Farm Visit			
Diagnostic Practicals			
Supply of Literature (No.)			
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			

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

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
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

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
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
Wide row technique in bajra	Bajra	10,000 ha	3500
Compartment bunding in rabi sorghum	Rabi Sorghum	5000 ha	3000
Total			

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Karnataka	05	350	06	310	05	330	02	5.5 lakh	03	5.5 lakh	08	258
Total												

PART XI. IMPACT

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

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

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 with suitable photographs)

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

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, pigeonpea, sunflower and linseed
Agriculture Skill Council of India	Dairy farming-02
KSDH (Sujala)	Training programme for progressive farmers
GOK, Bengaluru	Trainings conducted on farmers to farmers
PPV & FRA, New Delhi	PPV & FRA awareness programme
NFSM	Seed hub
NGO –World vision	Trainings

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

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)

12.C. Details of linkage with ATMA

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

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

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (if any)
01	Meetings	06	06	02	
02	Research projects	01	01		
03	Training programmes	08	04		
04	Demonstrations				
05	Extension Programmes	08	04		
	Kisan Mela	02	01		
	Technology Week				
	Exposure visit	03	02		
	Exhibition	02	02		
	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	02	02		
	Total	32	22	2	

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	E-pest surveillance	Survey and surveillance of pest of pulses and commercial crop	-	-	One assistance

12. GKisan Mobile Advisory Services

Month	Message type (Text/Voice)	SMS/voice calls sent (No.)						Total SMS/Voice calls sent (No.)	Farmers (No.)
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprises		
April 2017	Text	02	-	-	-	-	-	02	5200
May 2017	Text	-	-	-	-	-	-	-	-
June 2017	Text	-	-	-	-	-	-	-	-
July 2017	Text	02	-	-	-	01	-	02	20410
August 2017	Text	-	-	-	-	-	-	-	-
Septembe r 2017	Text	02	-	-	-	01	-	03	15600
October 2017	Text	01	01	-	-	-	-	02	10199
Novembe r 2017	Text	04	-	-	-	01	-	05	41016
Decembe r 2017	Text	01	-	-	-	-	-	01	5200
January 2018	Text	01	-	-	-	-	-	01	3500
February 2018	Text	01	-	-	-	-	-	01	5100
March 2018	Text	02	-	-	-	01	-	03	15600
Total		16	1	-	-	4	-	20	121825

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	
01	Milk	2010	-						
02									

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals	10.10.2017	12.02.2018	04	M35-1	C/S	40	150000	50000	
Pulses	12.06.2017	30.12.2017	2.5	TS-3R	C/S	26	100000	200000	
	17.10.2017	28.02.2018	04	JG-11	C/S	35	100000	200000	
Oilseeds	05.11.2017	05.03.2018	1.6	NL-115	TL	2.0	5000	20000	
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									

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

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

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	

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)
April 2017			
May			
June			
July			
August			
September			
October			
November			
December			
January 2018			
February			
March			

13.F. Database management

S.No	Database target	Database created
1	Farmers visit data base	Database
2	SMS farmers	Database

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 Trainings	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
10,0000	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 Host Institute	SBI	Dharwad	-	Comptroller, UAS, Dharwad	-	-	-
With KVK	SBI	Vijayapur	15639	Programme Coordinator, KVK, Vijayapur	31010226801 10465780871	586002001	SBIN0015639
	SBI	Vijayapur	15639	Programme Coordinator, KVK, Vijayapur	36343141923	586002001	SBIN0015639

14.B. Utilization of KVK funds during the year 2017-2018(Rs. in lakh)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8062000	8062000	8061000
2	Traveling allowances	150000	150000	129869
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter	360000	360000	359742
B	POL, repair of vehicles, tractor and equipments	260000	260000	259646
C	Meals/refreshment for trainees (@ Rs.75/day/trainee for residential and @ Rs.40/day/trainee for non-residential trainings)	100000	100000	49770
D	Training material (need based materials and equipments for conducting the training)	50000	50000	41252
E	Frontline demonstration*	170000	170000	156142
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	55000	55000	52448
G	Integrated Farming System (IFS)	50000	50000	49690
H	Training of extension functionaries	25000	25000	16964
I	Extension Activities	125000	125000	54136
J	Farmers' Field School	30000	30000	24872
	EDP / Innovative activities	30000	30000	29185
	Soil & Water Testing & Issue of Soil Health Cards	25000	25000	21690
	Display Boards/ Farmers conclove	25000	25000	0
	Maintenance of building	100000	100000	10709
	Library (Purchase of Journal, Periodicals, News Paper & Magazines)	5000	5000	2040
TOTAL (A)		9622000	9622000	9319155
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)		9622000	9622000	9319155

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 2015 to March 2016	2121506	2137555	1666545	2592516
April 2016 to March 2017	2539944	2455902	1985079	2962983
April 2017 to March 2018	2962983	2292790	1978422	3277351 + 624500 = 3901851

15. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. S.M.Vastrad	Scientist (Plant Protection)	Innovative approaches in pest management through Bio-rationals against biotic and abiotic stresses of major field crops under climate resilient agriculture	UAS Dharwad	5 th to 19 th February 2018
Dr. S.M.Vastrad	Scientist (Plant Protection)	Quality seed Production techniques and seed certification procedure	UAS, Dharwad	1-5 Aug 2017
Dr. S.M.Vastrad	Scientist (Plant Protection)	Early career motivation training	UAS, Dharwad	26-30 Nov 2017
Dr.Prema B. Patil	Scientist (Home Science)	Early career motivation	UAS Dharwad	26.11.2017 to 30.11.2017
Dr.Kapil Patil	Scientist (Horticulture)	Training on Climate Resilient Technologies for Agriculture & Allied Sectors	EEL Hyderabad	01.08.17-05.08.17
Dr.Kapil Patil	Scientist (Horticulture)	Orientation training to the KVK scientists	IIHR, Bengaluru	09.02.2018
Dr.Kapil Patil	Scientist (Horticulture)	Orientation training programme for Newly Recruited KVK Scientists	KVK Hulkoti	10.08.2017-12.08.2017

Dr.Kapil Patil	Scientist (Horticulture)	Induction training Course for Newly Recruited Assistant Professor Cadre Faculty of UAS Dharwad	UAS Dharwad	24.04.2017-06.05.2017
Dr.Kapil Patil	Scientist (Horticulture)	Training Programme on Exploitation and Conservation of Plant Genetic Resources on Major, Minor and Under Exploited Vegetable Crops	UHS Bagalkot	03.01.2018-23.01.2018
Dr. Sangeeta Jadhav	Scientist (Animal Science)	Induction Training programme for KVK Scientists	KVK Hulkoti, Gadag	10.08.2017 to 12.08.2017
Dr. Sangeeta Jadhav	Scientist (Animal Science)	Soft skills for personality development	EEL, Hyderabad	12.12.17 to 16.12.17
Dr. Sangeeta Jadhav	Scientist (Animal Science)	Orientation on skill development training	Atari, bengaluru	01.01.2018
Dr. Sangeeta Jadhav	Scientist (Animal Science)	Orientation programme for pre-action plan	Atari, Bengaluru	06.02.2018
Er. Shwetha G	Scientist (Agricultural Engineering)	Induction training programme for newly recruited Assistant Professor cadre faculty	UAS, Dharwad	24.04.2017 to 06.05.2017
Er. Shwetha G	Scientist (Agricultural Engineering)	Induction Training programme for KVK Scientists	KVK Hulkoti, Gadag	10.08.2017 to 12.08.2017
Er. Shwetha G	Scientist (Agricultural Engineering)	Water productivity assessment using Remote Sensing and GIS for improving irrigation performance and water security in Karnataka	Advanced Centre for Integrated Water Resource Management	09.10.2017 to 13.10.2017
Er. Shwetha G	Scientist (Agricultural Engineering)	Applications of geosynthetics in irrigation management	WALMI, Dharwad	12.12.2017 to 13.12.2017
Er. Shwetha G	Scientist (Agricultural Engineering)	Orientation training to KVKs scientists	National Bureau of Soil Science & Land Use Planning, Hebbal Bangalore	11.01.2018 to 12.01.2018
Dr.S.A.Biradar	Senior Scientist & Head	National Conference on “National Water Convention for Drought Free India”	BLDE University Main Campur, Vijayapura	16.8.2017 to 18.8.2017
Dr.S.A.Biradar	Senior Scientist & Head	Orientation training programme for Newly Recruited KVK Scientists	KVK Hulkoti	10.08.2017-12.08.2017

Dr.S.A.Biradar	Senior Scientist & Head	Training programme on “ Quality seed production techniques and seed certification procedures”	STU, UAS, Dharwad	29.8.2017 to 02.09.2017
Dr.S.A.Biradar	Senior Scientist & Head	National workshop on “ Community Radio Station in Agricultur Extension Services- Challenges and Prospects	UAS, Dharwad	12.1.2018
Dr.S.A.Biradar	Senior Scientist & Head	Orientation training programme to the Agronomist and Soil Scientist’S of KVK’s of Karnataka	NBSS & LUP, Bengaluru	10.08.2017-12.08.2017
Dr.S.A.Biradar	Senior Scientist & Head	Pre-Action Plan Workshop	KVK, Vijayapura	20-21 February, 2018
Dr.S.A.Biradar	Senior Scientist & Head	KVK’s National Conference	IARI, New Delhi	16.3.2018 to 17.3.2018
Dr.S.A.Biradar	Senior Scientist & Head	ATARI Zone XI KVK’s Action plan workshop	KVK , Gonikoppa	22.3.2018 to 24.3.2018

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

1. KVK plant protection scientist Dr.S.M.Vastrad has been awarded with best extension best extension scientist awarded fo the year 2016-17
2. Rajya mattada channa Basavashri Prashasti, Abhinava kumareshwara Vidyavartaka sangha, Hullur
3. KVK has obtained *fssai* license number 11217307000048
4. KVK has its trademark registered at Bijo –Krishi Dhara