

UNIVERSITY OF HORTICULTURAL SCIENCES BAGALKOT



ANNUAL PROGRESS REPORT

(APRIL 2017 TO MARCH 2018)



ICAR- KRISHI VIGYAN KENDRA KOLAR (KARNATAKA)

KVK Address and Host Organization details

ICAR-Krishi Vigyan Kendra, N.H-75, Tamaka, kolar-563103
Phone 08152-243099, 9480696395, Fax: 08152-243208,
e-mail: kvk.Kolar@icar.gov.in, Web site: www.kvkkolar.in

University of Horticultural sciences,
Udyanagiri, Bagalkot-587104
www.uhsbagalkot.edu. in

PART I - GENERALINFORMATION ABOUT THE KVK

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

KVK Address	Telephone		E mail	Web Address
ICAR-Krishi Vigyan Kendra,	Office	Fax	kvk.Kolar@icar.gov.in	www.kvkkolar.in
N.H-75, Tamaka,	08152-243099	08152-243208	kvkkolar2012@gmail.com	
Kolar-563103				

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

Address	Telephone		E mail	Web Address
	Office	Fax		
University of Horticultural	8354-230351	08354 – 230364	vc@uhsbagalkot.edu.in	http://www.uhsbagalkot.edu
Sciences, Udyanagiri,			de@uhsbagalkot.edu.in	.in
Bagalkot-587104				
Karnataka, India.				

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

Name		Telephone / Contact			
K. Thulasiram	Residence	Mobile	Email		
	9448633234	9480696395	thulasiram_1968@yahoo.co.in		

1.4. Year of sanction: December, 2012

1.5. Staff position as on 31 March 2018

SI. No.	Sanctioned post	Name of the incumbent	Designation	/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	K.Thulasi Ram	Senior Scientist & Head	M	Entomology	M.Sc(Agri)	37400 - 67000	46440	26/12/ 2012	Permanent	Others
2	Scientist/SMS	Dr. Raghunatha Reddy R.L.	Scientist	М	Soil Science	Ph.D, PDF	15600 - 39100	17610	31/1/2 015	Permanent	Others
3	Scientist/SMS	Dr. K.R. Shashidhar	Scientist	М	Sericulture	Ph.D	15600 - 39100	17610	17/01/ 2014	Permanent	SC
4	Scientist/SMS	Dr. Noorulla Haveri	Scientist	М	Plant pathology	Ph.D	15600 - 39100	17610	27/01/ 2014	Permanent	OBC
5	Scientist/SMS	Dr. Nagaraj K.S.	Scientist	М	Horticulture	Ph.D	15600 - 39100	15600	11/05/ 2015	Permanent	SC
6	Scientist/SMS	Dr. Chikkanna G.S.	Scientist	М	Home science	Ph.D	15600 - 39100	15600	22/06/ 2016	Permanent	Others
7	Scientist/SMS				•	VACANT					
8	Programme Assistant (Lab Tech.)					VACANT					
9	Programme	C.S. Gnana	Prog. Asst.	F	Computers	MCA	9300-	10560	27/01	Permanent	SC

	Assistant (Computer)	Sudha	(Comp)				34800		/2014		
10	Programme Assistant/ Farm Manager	Umesha Naik	Farm Manager	M	Agriculture	M.Sc(Agril)	9300- 34800	10560	3/1/2 014	Permanent	SC
11	Assistant	H.M. Ravi Shankar	Assistant	M	Commerce	M.Com	16000 - 29600	17650	22/03 /2013	Permanent	SC
12	Jr. Stenographer	Savitri G.Rudrapur	Steno	F	Commerce	M.Com	20000 - 36300	21600	12/03 /2014	Permanent	Others
13	Driver - 1	Pradeep T.M	Driver	М	NIL	IX class	-	8281	1/08/ 2014	Temporary	SC
14	Driver - 2	-	-	-	-	-	-	-	-	-	-
15	SS-1	Srinivas D.Gasti	SS	М	Arts	B.A.	9600- 14450	10200	3/2/2 014	Permanent	SC
16	SS-2	Srinath A.N.	SS	М	NIL	PUC	-	8248	02/01 /2017	Temporary	SC

1.6. Total land with KVK (in ha): 16 ha

S. No.	Item	Area (ha)
1	Under Buildings	
2.	Under Demonstration Units	0.06
3.	Under Crops	1.12
4.	Orchard/Agro-forestry	2.0
5.	Others	12.82

1.7. Infrastructural Development:

A) Buildings

1,72	numgs	Source	Stage					
_		of		Complete			Incomple	ete
S. No.	lo. Name of building funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction	
1.	Administrative							
	Building							
2.	Farmers Hostel							
3.	Staff Quarters							
	1							
	2							
	3							
	4							
	5							
	6							
4.	Demonstration Units							
	1 Farm pond	GOK	-	15x15x9 m	2,50,000			
	2 Mulberry varietal	ICAR	-	2000	-			
	block, Drumstick block,			2000				
	Curry leaf block			100				
	3.Low cost poly house 1	ICAR	-	216	3,68,185			
	4.Poly tunnels 4	ICAR	-	400				
	5.Jackfruit processing	ICAR	-	10	3,95,265			
	unit							
	6.Hydroponic fodder	ICAR	-	4x2 sq.ft	30000			
	unit							
5	Fencing							
6	Rain Water harvesting							
	system							

7	Threshing floor				
8	Farm godown				
9					
10					

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero ZLX (Four Wheeler)	12/06/2014	663706	90578	Running
Hero splendor (Two Wheeler	12/05/2013	54600	13032	Running
Honda Activa (Two Wheeler)	31/12/2013	61345	12661	Running

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Vegetable preservator	2014	3000	Good
Sealing machine	2014	1700	Good
Gas cylinder and stove	2014	5857	Good
Mixer and juicer	2014	4200	Good
Micro Oven	2014	5800	Good
Pressure cooker	2014	1400	Good
Electronic balance (6 kg)	2016	6646	Good
Weighing balance (60 kg)	2016	9495	Good
Vegetable Handy Planter	2016	2000	Good
Branded Heavy duty load bearing cabinet (Steel			Good
Almirah)	2016	14470	
Branded carware brand caned seating ('S' type			Good
full arm chair)	2016	2445	
Knock down Type seating (Wooden peacock		-	Good
chair)	2016	4567	
Branded Indexed Cabinet 4 Drawer filing cabinet	2015		Good
with 100 CFF(Filing cabinet)	2016	17458	
Branded officers Desking (T-9 Table) with 18 mm			Good
PLB Top	2016	12033	
Jack Fruit Chips machine	2016	8800	Good
Nikon D5300 (with free gb card + carry case			Good
+HDMI cable)	2016	34800	
Sealing Machine	2017	1000	Good
ISI A,,"Taypcerana Bee hive Box	2017	17600	Good
Branded 12 Pigeons Wooden magazine display			Good
cabinet	2017	24390	3334
Steel Book case	2017	14470	Good
Branded officers steel table	2017	11877	Good
Remote calling bell	2017	400	Good
Dell Desktop system	2017	36500	Good
Canon Printer LBP 2900	2017	7800	Good
Hydroponic system unit(1)(72 tray)	2017	30000	Good
Soil sampling Augur set	2017	19980	Good
Executive Revolving chair	2017	12159	Good
Executive table	2017	16299	Good
Officers Revolving chair	2017	58212	Good
Pulp boiling machine	2017	94447	Good
Conventional pulp making machine	2017	54500	Good
Pulp making machine all contact parts made of	2017	フサンしし	Good
food grade 304 stainless steel	2017	31700	Good
Digital Hand held refractometer for invert sugar	2017	27000	Good
Digital PH meter make: systronics india Mode 335	2017	14500	Good
Racks 6 ft (8 Angle & 6 Plates)	2017	3600	Good
Toshiba e -studio xerox machine			
	2017	86000	Good Good
Acer Desktop Computer	2017	99900	
Mridaparikshak soil testing Kit(Mini lab)	2017	86000	Good
Logitech webcam	2017	900	Good

Logitech R400 Presenter	2017	3120	Good
Logitech Mouse wireless	2017	700	Good
Flame photometer	2017	73758	Good
Hand operated cocoon deflossing machine	2017	8000	Good
Water bath circulator	2017	88500	Good
Analytical Balance	2017	67850	Good
EC meter	2017	98530	Good
Kjeldahl apparatus	2017	215800	Good
AAS unit	2017	1489000	Good
Double distillation unit	2017	167000	Good
CC Camera	2017	34700	Good
Desk top	2017	47800	Good
All in one Printer	2017	18000	Good

1.8. Details of SAC meeting conducted during 2017-18

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
04.11.2017	35	Initiate an innovative approach to invite/ reach farmers on a fixed day in a week. SMSs shall fully devote themselves for meeting the visitors on this day.	All KVK Scientists are available on Monday and are giving suggestions to farmers under the banner of Prativaara Parihara	
		Open a sales counter near the entrance (main gate)in which micronutrient mixtures, planting material, seeds, bio agents and value added products could be made available to farmers.	Design and cost has been worked out and proposal submitted to the University	
		Obtain license for production of IIHR Vegetable Special using KVK revolving fund and produce the same keeping demand from farmers in view.	Proposal has been sent. But as the cost of license is Rs.3.0 lakhs, not yet decided to purchase	
		Conduct campaigns and demonstrations to popularise Kamal Kisan model vegetable transplanter in association with KSDH and KSDA.	A vegetable transplanter demonstration was conducted in Akkammanadinne	
		Create awareness about latest technologies by effective use of ICT tools like social media. Increase the number of messages through KMAS.	Sericulture and Pomegranate whatsapp groups are created. Weekly 2-3 messages are being sent.	
		Projects on mechanization in horticulture to be submitted to various funding agencies especially on mango tree pruner.	Will be submitted soon	
		Open a consultancy office in collaboration with KSDH in their premises and provide technical service to the visiting farmers once in a week	Discussed with DDH and working on the possibilities of providing space.	
		KVK website to be launched at the earliest	Launched	
		Suggested to submit the radio talk and TV talk topics list every month to ADRE, Bengaluru for further discussions with AIR and DD officials.	Being submitted every month	
		Suggested to make small video clippings of successful interventions in demonstrations and upload the same in you tube and KVK portal.	Video clippings are made in sericulture	
		Make whatsup groups of crop specific farmers and share	Pomegranate, sericulture	

information on advanced technologies	cashew, mango groups	
-	are created	
The results of FLD and OFTs to be published in scientific	Four articles have been	
Journals in the form of research papers.	sent to Journal of Krishi	
	Vigyan and International	
	Journal of Current	
	Microbiology and Applied	
	Sciences	
An OFT to standardize pruning techniques in tree	Discussed with 3 tree	
mulberry may be proposed	mulberry farmers but	
	unwilling to give	
	plantations	
Market related information to be sent through KMAS.	Will be sent	
Conduct Skill Development Trainings on aspects like	Will be conducted this	
propagation techniques to rural youth	year	
Package of practices for important crops of the district	Field crops and few horti.	
should be updated and uploaded in the KVK portal	crops have been uploaded	
Farmers should be categorised based on the crops and	Farmers are categorized	
crop specific messages should be sent to only those	like sericulture farmers,	
groups through KMAS	pomegranate farmers,	
0. 1 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	cashew farmers, mango	
	and tomato.	
Bio agents like <i>Trichoderma</i> , <i>Pseudomonas</i> should be	Infrastructure not	
produced and sold under revolving fund of KVK.	available	
Invite lead bank Manager and NABARD officials to	Will be involved during	
vocational training programmes for facilitating loan	2018-19 training	
services.	programmes	
Prepare the list of major technological interventions in	Report submitted	
important crops of the district for doubling the farmers		
income and submit to the ATARI, Bengaluru immediately.		
	Has been toler as a	
Safety kit should be used while spraying at least in FLDs	Has been taken care	
and same to be popularised in farmers fields through		
demonstrations and trainings.		
Disease free seed tubers in potato to be produced under	Discussed with DDH,	
technical supervision of KVK Scientists in farmers fields.	Chikkaballapur and will be	
The same seed has to be tested in Hassan next year and if	taken up this year	
found healthy, may be taken up on a large scale.		
Precession farming technology in vegetables developed	Will be implemented	
by KVK, Dharmapuri may be tried in Kolar by visiting the	during 2018-19	
fields in Dharmapuri District, Tamil Nadu.		
	In crops like read	
To take up demonstrations by using improved varieties.	In crops like ragi, groundnut, foxtail millet	
	and kodo millet, this year	
	FLDs have been planned	
Improved and drought resistant varieties have to be	Improved variety G-4 is	
tested for tree mulberry cultivation	demonstrated in FLD	
•		
Training programmes to be conducted on safe use of		
pesticides.	programmes, emphasis is given for safe use of	
	pesticides	
	pesticides	

PART II - DETAILS OF DISTRICT

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

S. No		Farming system/enterprise			
1	Irrigated (bore well) Tomato- Polebeans, Potato, Ragi, Vegetables, Mulberry, Coconut, Sapota,				
		papaya, Guava etc.			
2	Tank Irrigated	Paddy			
3	Rainfed	Ragi based mixed cropping, Groundnut based intercropping, Maize, Pigeon pea,			
		Horse gram, Field bean, Mango, Cashew, Tamarind etc.			
4	Enterprises	Sericulture, Dairy, Poultry, Sheep and Goat rearing			

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

S. No	Agro-climatic Zone	Characteristics
1	Eastern dry zone	This zone consists of an area of 1.808 mha. The annual rainfall ranges from 679.1-
		888.9 mm. More than 50 % of it is received during the Kharif season. The elevation
		is 800-900 m and the soils are red loamy in major areas, lateritic in the remaining
		areas

S. No	Agro ecological situation	Characteristics
1	Semi –arid climate	The district receives an annual rainfall of 744 mm received in 45 rainy days. The duration of the monsoon, however, seems to be shrinking with the first three months in the year receiving very little rainfall in recent times. The rainfall distribution has two peaks, one during May and another during September. It is characterized by erratic and uneven distribution. Predominantly the tube wells/bore wells are the major source of irrigation in the district. There are about 41,311 ha of land being irrigated through such bore wells. The number of irrigation pump sets existing in the district is 50,366. Tanks and open wells are the other sources of irrigation.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Medium deep, red	Red to a bright reddish-orange in color. They are typically	7026
	clayey soil	quite acidic, often having a pH of less than 5.	
2	Medium deep, red	Red in color which is mainly due to ferric oxides. They are usually	17946
	gravelly soil	poor growing soils, low in nutrients and humus.	
3	Deep, red clayey	Clay loam is a soil mixture that contains more clay than other	88400
	loam soil	types of rock or minerals. These soils contains a good amount of	
		plant nutrients and supports most types of plants and crops	
4	Deep, red clayey soil	Soil mixture contains less clay component. Nutritionallypoor.	119720
5	Deep, red gravelly	Same as clayey loam but gravelly in nature	20363
	clay soil		
6	Deep, lateritic	These soils are rich in iron and aluminium. Nearly all laterites are	16813
	clayey soil	rusty-red because of iron oxides.	
7	Deep, lateritic	Characteristically similar to the lateritic clayey but stony and	10940
	gravelly clayey soil	gravelly nature less suitable for arable crop cultivation	
8	Deep, alluvial clayey	A soil deposit developed on floodplain and delta deposits. Soil	92843
	soil (salt affected)	supports good crop growth.	
9	Red gravelly clay	They are less clayey and sandier and are poor in important	11036
	soils (Rocky land)	minerals like lime, phosphorous and nitrogen. Red soil is acidic	
		like that of the Lateritic soil.	

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

2.4.	Area, Production and Prod			T
S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
Field o				
1.	Ragi	58207	104582	1796 kg/ha
2.	Ground nut	10513	14187	1349 kg/ha
3.	Avare	8023	4028	502 kg/ha
4.	Tur	3401	4213	1238 kg/ha
5.	Maize	1133	4523	3992 kg/ha
6.	Cowpea	1600	139	274 kg/ha
7.	Horse gram	628	970	1544 kg/ha
Veget	able crops			
8.	Tomato	9695	547753	56.5
9.	Potato	6951	107928	15.53
10.	Beans	3299	34640	10.50
11.	Cabbage	1758	34039	19.36
12.	Knol-khol	1605	25680	16
13.	Green chilli	1441	29463	20.45
14.	Carrot	1387	27047	19.50
15.	Brinjal	1235	39520	32
16.	Radish	1029	12348	12
17.	Cauliflower	732	12078	16.5
18.	Onion	525	5522	10.51
19.	Capsicum	450	9000	20
20.	Ladies finger	322	2898	9
	Fruit crops			<u> </u>
21.	Mango	46772	374176	8
22.	Banana	3720	123405	3317
23.	Sapota	3403	52320	15.37
24.	Guava	565	12400	21.95
25.	Papaya	367	27628	75.28
26.	Grapes	219	4284	19.56
27.	Citrus and its sps.	78	1558	19.90
28.	Pomegranate	42	1016	24.06
	ation crops	12	1010	21.00
29.	Coconut	6657	691	0.10
30.	Cashewnut	2196	4246	1.93
31.	Arecanut	4	6	1.49
	atic crops	7	<u> </u>	1.73
32.	Davana	774.00	7660.00	9.90
33.	Geranium	65.00	924.00	14.22
Spice		03.00	J24.00	17.22
34.	Tamarind	3489	14656	4.20
35.	Coriander	233	153	0.66
36.	Ginger	163	1837	11.27
37.	Dry chilli	150	275	1.83
38.	Turmeric	43	397	9.22
	r crops	43	331	3.22
		CET 00	6205.00	0.76
39.	Marigold	655.00	6395.00	9.76
40.	Rose	556.00	963.90 (Lakh flowers)	1.73
41.	Chrysanthemum	210.00	2995.00	14.26
42.	Aster	162.00	1567.00	9.67
43.	Jasmine	161.00	1101.00	6.87

44.	Crossandra	100.00	500.00	5.06
Sericulture				
45.	Mulberry	18790	751600	40000
46	Cocoon production	18709 Farmers	12772	712

Statistical survey Dept of Agriculture and Horticulture (2017)

2.5. Weather data

Month	Month Rainfall (mm)		Temperature ⁰ C		Relative Humidity (%)	
	Normal	Actual	Maximum	Minimum	Max.	Min.
January, 2017	3.80	5.00	29.2	17.3	87.7	51.77
February	5.40	0.06	33.8	12.8	73.64	33.75
March	11.20	30.90	34.3	14.4	68.90	36.45
April	29.00	30.26	36.9	19.6	79.20	39.60
May	84.20	157.50	36.3	19.3	62.00	24.50
June	53.80	52.14	36.0	22.5	73.50	46.60
July	76.00	36.96	31.5	20.6	71.60	45.80
August	87.00	129.32	34.5	23.2	83.40	56.40
September	145.20	257.64	28.5	19.9	87.50	59.30
October	143.80	314.94	29.9	18.3	92.30	73.23
November	60.40	37.86	28.2	16.7	87.63	76.83
December	24.20	3.70	28.6	13.5	88.33	65.23
Total	724.00	1052.00				

Dept. of Agriculture, Kolar

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

Category	Population	Production	Productivity
Cattle			
Crossbred	173620	-	-
Indigenous	55416	-	-
Buffalo	45876	-	-
Sheep			
Crossbred	2197	-	-
Indigenous	442903	-	-
Goats	86263	-	-
Pigs			
Crossbred	2385	-	-
Indigenous	1872	-	-
Rabbits	312	-	-
Poultry	4275529		
Hens			
Desi			
Improved			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish			
Marine			
Inland	38.76 lakh (Fish seed stock)	1848 tons	-
Prawn			
Scampi			
Shrimp			

Kolar Dist at a glance, Dist. Statistical Officer, 2015-16

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

2.8 Details of Operational area / Villages

Sl.No.	Taluk/bloc k	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Kolar	Busanahalli Kolaganjanahalli	1 year	Ragi, Avare, redgram, tomato, potato, Sericulture	Local varieties, low yields, Delayed sowing, Improper rainfall distribution and blast incidence	Yield optimization through improved varieties
2	Kolar	Bayappanahalli	1 year	Redgram,Ragi, avare, tomato,beans, Sericulture	Wilt & sterility mosaic incidence , improper nutrient management and incorrect & indiscriminate use of PP chemicals	Integrated crop managment
3	Kolar	Uppukunte	1 year	Redgram,Ragi, avare, tomato,beans, Sericulture	Severe aphid and pod borer infestation, indiscriminate use of plant protection chemicals	IPM and IDM and micro nutrient management
4	Malur	Nelahalli	1 year	Groundnut,Redg ram, ragi, avare, tomato,cabbage Capcicum, Sericulture	Local varieties, lack of awareness on bio fertilizers and micronutrients application	Yield optimization through improved varieties
5	Kolar	Parshvaganahall i	2 years	Mango, avare, redbram, ragi, tomato, sericultu re, capsicum, pole beans	Inadequate water conservation methods and micro nutrients application, low soil fertility, Improper management of pest and diseases	Water and soil conservation & INM practices in major fruits and vegetables
6	Mulabagilu	Ganjikunte	1 year	Ragi, avare,Kodo Millet,tomatore dgram	Bronzing in leaves and fruits and low yield	Water and nutrient management in Horticulture crops
7	Malur	Seethahalli	1 year	Tomato, potato, polebeans, capsicum, ragi, avare	Haulm development at cost of tuber, late blight, mite and defoliator problem	INM and IPDM practices

8	Malur	Kshetrenahalli	1 year	Tomato, Potato, Marigold, cucumber,Chilli, ragi, avare, mango	Injudicious use of fertilizers and micro nutrient management	Nutrient management in Horticulture crops
9	Malur	Bannahalli	1 year	Tomato, potato, cucumber, capsicum,Mang o, redgram,ragi, avare, sericulture, dairy	Severe powdery mildew and anthracnose disease incidence and fruit fly menace	IPM and IDM and micro nutrient management in horti. crops
10	Bangarpet	Venugopalapura	1 year	Sericulture, tomato, rose marigold, beans ragi, avare,dairy	Scarcity of water and low leaf yield	Water and nutrient management in tree mulberry and quality cocoon production
11	Kolar	Bayappanahalli	1 year	Redgram,Ragi, avare, tomato,beans, Sericulture, Marigold	Lack of awareness on use of bio fertilizer, micronutrients & silkworm growth promoters and Injudicious use of chemical fertilizers	Integrated crop management
12	Kolar	Parshvaganahall i	2 year	Mango, avare, redbram, ragi, tomato, sericultu re, capsicum, pole beans	Lack of awareness on improved variety, more disease incidence and low leaf yield	Yield optimization
13	Kolar	Nadupalli	1 year	Mulberry, Ragi, Redgram, tomato, Fieldbean, Maize, Dairy	Labour scarcity, laborious, low price in cocoon market	Small scale mechanization
14	Kolar	Rampura	1 year	Mango, tomato, tamarind, sericulture, ragi, dairy, avare	Use of carcinogenic ripening agents, uneven and delay in ripening , low price realization and health hazards	
15	Kolar	Vemgal	1 year	Sericulture, Ragi, tomato, capsicum, avare, ragi	Lack of knowledge on use of grainage cut cocoons, value addition ,processing, packaging, labeling and branding (EDP)	Income generating activities for farm women

16	Srinivasap ur	Gundammanath a	1 year	Mango, sericulture, tomato, field bean, ragi	Low income realization due to lack of knowledge on value addition processing, packaging, labeling and branding (EDP)	Income generating activities for farm women
17	Mulabagilu	Mindahalli	2 years	Cabbage, tomato, sweet corn, sericulture, avare	Severe incidence of DBM & indiscriminate use of pesticides	IPM and IDM and micro nutrient management in horti. crops
18	Malur	Kummanahalli	1 year	Cucumber, tomato, beans, cauliflower, potato, ragi, avare	Severe incidence of downy mildew disease	IPM and IDM and micro nutrient management in horti. crops
19	Kolar	Gaddekannuru	1 year	Cabbage, cauliflower, tomato, potato, polebeans	Diamond back moth (DBM) menace	IPM and IDM and micro nutrient management in horti. crops
20	Kolar	Kalluru	1 Year	Papaya, tomato, marigold, potato, ragi, redgram avare	Malformed fruits, micro nutrient deficiency, poor fruit set, low yield and poor quality	IPM and IDM and micro nutrient management in horti. crops
21	Kolar	Parshvaganahall i	2 years	Mango, sericulture, tomato, ragi, avare, potato	Lack of information on better utilization of inter row space in tree mulberry, non availability of proper technology	
22	Malur	Jodipura	1 year	Redgram avare, horse gram ragi, tomato, potato	Low yields and traditional verities	Yield optimization

2.9 Priority thrust areas

SI. No	Thrust area
1	Yield optimization through improved varieties
2	IPM and IDM and micro nutrient management in horti. crops
3	Water and soil conservation & INM practices in major fruits and vegetables
4	Water and nutrient management in tree mulberry and quality cocoon production
5	Integrated crop management
6	Value addition in minor millets and fruits
7	Water and nutrient management in Horticulture crops
8	Income generating activities for farm women

PART III - TECHNICAL ACHIEVEMENTS

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

	0	FT		FLD									
		1		2									
Num	ber of OFTs	Numb	er of farmers	Num	ber of FLDs	Number of farmers							
Targets Achievement		Targets	Achievement	Targets	Achievement	Targets	Achievement						
6 6 1		18	18	16	14	172	158						

	Trai	ning		Extension Programmes					
	3	3		4					
Numbe	er of Courses	Number	of Participants	Number	of Programmes	Number of participants			
Targets Achievement		t Targets Achievement		Targets	Achievement	Targets	Achievement		
50	53	1360	3888	606	1060	7345	26225		

Seed Pr	oduction (Q)	Planting materials (Nos.)					
	5	6					
Target	Achievement	Target	Achievement				
5 kg	1.4 kg	2000					

Livestock, poultry strai	ns and fingerlings (No.)	Bio-products (Kg) (Mango special)				
	7	8				
Target	Achievement	Target	Achievement			
		1000	1786			

3.B1. Abstract of interventions undertaken

	3.01.7	ADSTRACT OF	interventio	ons undertake				Interventi	ons					
S. No	Thrust area	Crop/ Enterprise	ldentified Problem	Title of OFT if any	Title of FLD if any	Number of Training (farmer)	Number of Training (Youths)	Number of Training (extension personnel)	Extensi on activiti es	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)		y of bio ducts Kg
1		Horsegram	Traditional varieties and Low yield	Assessment of suitable horsegram varities for higher productivity	-				(No.)	45 kg				
2		Cauliflower	Severe Diamond back moth (DBM) menace and developmen t of resistance	Assessment on Management of DBM in Cauliflower						Mustard= 1 kg				
3		cucumber	Severe incidence of downy mildew disease	Assessment on Management strategies for Downey mildew in Cucumber									Tricho derma	3 kg
4		Papaya	Malformed fruits, micro nutrient deficiency, poor fruit set, low yield and poor quality	Micro-nutrient management in Papaya										
5		Cabbage	Severe infestation of DBM	Evaluation of various pest management practices in cabbage						Mustard = 3 kg				
6		Mulberry	Lack of information on better utilization of in-between space, non availability of proper technology	Evaluation of						G.Nut pods= 60 kg Ragi = 10 kg Field bean= 10 kg				

7	Ragi		Introduction of medium Ragi variety, ML-365 for drought mitigation and delayed sowings	1		1	ML-365= 150 kg		Azospiri Ilum	12 kg
8	Groundnut		Introduction of new variety GKVK- 5 in groundnut for varietal replacement	1		1	GKVK- 5=700 kg		Rhizobi um PSB	4 kg 4 kg
9	Redgram		Integrated crop management in Red gram	4			BRG-1= 250 kg		Rhizobi um PSB Tichode rma	10 kg 10 kg 3 kg
10	Fieldbean		Integrated pest management in Field bean	1						
11	Guava		Manageme nt of bronzing in guava							
12	Tomato		Nutrient manageme nt in tomato through fertigation	1						
13	Potato		Integrated crop manageme nt in Potato	1						
14	Cucumber		Integrated pest & disease manageme nt in cucumber							
15	Sericulture		Demonstra tion of tree mulberry for rainfed sericulture	1					Azospiri Ilum PSB	80 kg 10 kg

16	Sericult	ure	Integrated nutrient manageme nt in mulberry & Use of Silkworm growth enhancer for higher cocoon yield	2		1	Sunhemp seeds=80 kg		Azospiri Ilum PSB	80 kg 100 kg
17	Sericult	ure	Introductio n of Improved variety of Mulberry G-4 for yield maximizati on					600 saplings	Azospiri Ilum PSB	80 kg 100 kg
18	Sericult	ure	Demonstra tion of cocoon deflosser for increasing efficiency and reducing drudgery of farm women			1				
19	Hom scien		Low cost plastic ripening chamber for ripening of mango	1		1				

3.B2. Details of technology used during reporting period

C N -	This of Tables alone	Source of	6		No.o	f programmes	conducted
S.No	Title of Technology	technology	Crop/enterprise	OFT	FLD	Training	Others (Field day)
1	2	3	4	5	6	7	8
1	Assessment of suitable horse gram varieties for higher productivity	CRIDA, Hyderabad, TNAU, Coimbatore	Horse gram	3			
2	Assessment on Management of DBM in Cauliflower	IIHR (B), IIVR, Varanasi	Cauliflower	3			
3	Assessment on Management strategies for Downey mildew in Cucumber	IIHR (B) IIVR, Varanasi	Cucumber	3			
4	Micro-nutrient management in Papaya	IIHR,Bangalore TNAU,Coimbatore NDUAT,Faizabad	Papaya	3			
5	Evaluation of various pest management practices in cabbage	IIHR,Bangalore Reliance Polymers	Cabbage	3			
6	Evaluation of suitable intercrops in tree mulberry for additional income	UAS (B), RSRS, Chamarajanagara	Sericulture	3			

7	Introduction of medium Ragi variety, ML-365 for drought mitigation and delayed sowings	UAS(B)	Ragi	20	1	1
8	Introduction of new variety GKVK-5 in groundnut for varietal replacement	UAS (B)	Groundnut	20	1	1
9	Integrated crop management in Red gram	UAS(B)	Redgram	50	4	
10	Integrated pest management in Field bean	UAS (B)	Fieldbean	5		
11	Management of bronzing in guava	UHS (B)	Guava	3		
12	Nutrient management in tomato through fertigation	IIHR, Bangaluru	Tomato	5		
13	Integrated crop management in Potato	UHS (B)	Potato	9	1	
14	Integrated pest & disease management in cucumber	IIHR, Bangalore	cucumber	5		
15	Water conservation, nutrient and pest and disease in Mango	UAS (B)	Mango	10	1	
16	Demonstration of tree mulberry for rainfed sericulture	CSRTI, Mysore	Sericulture	10		
17	Integrated nutrient management in mulberry & Use of Silkworm growth enhancer for higher cocoon yield	CSRTI, Mysore	Sericulture	10	2	1
18	Demonstration of cocoon deflosser for increasing efficiency and reducing drudgery of farm women	CSRTI, Mysore	Sericulture	5		1
19	Introduction of Improved variety of Mulberry G-4 for yield maximization	CSRTI, Mysore	Sericulture	5		
20	Low cost plastic ripening chamber for ripening of mango	IIHR(B)	Home science	1		1
21	Entrepreneurship development through Cocoon Biocraft for SHG women (EDP-1)	UAS (B)	Sericulture		1	
22	Entrepreneur development of women SHG for branding & market for processed protein enriched spicy Mango bar(EDP -2)	TNAU, Coimbatore	Home science		1	

3.B2 contd..

	No. of farmers covered														
OFT FLD								Training Others (Specify				Specify)			
Gen	General SC/ST		/ST	Gen	eral	al SC/ST		General		SC/ST		General		SC/ST	
М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
17	01	0	0	126	9	23	0	1830	1073	616	369	15497	5132	4437	1159

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						Papaya				1
Nutrient										
Management										
Varietal			Horse							1
Evaluation			gram							
Integrated					Cauliflower					2
Pest					Cabbage					
Management										
Integrated										
Crop										
Management										
Integrated					Cucumber					1
Disease										
Management										
Small Scale										
Income										
Generation										
Enterprises										
Weed										
Management										
Resource										
Conservation										
Technology										
Farm										
Machineries										
Integrated				Mulberry						1
Farming										
System										
Seed / Plant										
production										
Value										
addition										
Drudgery										
Reduction										
Storage										
Technique										
Mushroom										
cultivation										
Total			1	1	3	1				6

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient										
Management										
Varietal Evaluation										
Integrated Pest										
Management										
Integrated Crop										
Management										
Integrated Disease										
Management										
Small Scale Income										
Generation Entpri										
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: Nil

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

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	Papaya	Micro-nutrient management in Papaya	03	03	0.8
Varietal Evaluation	Horse gram	Assessment of suitable horse gram varieties for higher productivity	03	03	1.20
Integrated Pest Management	Cabbage	Evaluation of various pest management practices in cabbage	03	03	0.6
	Cauliflower	Assessment on Management of DBM in Cauliflower	03	03	0.6
Integrated Crop Management					
Integrated Disease Management	Cucumber	Assessment on Management strategies for Downey mildew in Cucumber	03	03	0.6
Small Scale Income Generation					

Enterprises					
Weed Management					
Resource Conservation Technology	/				
Farm Machineries					
Integrated Farming System	Sericulture	Evaluation of suitable intercrops in tree mulberry for additional income	03	03	1.20
Seed / Plant production					
Value addition					
Drudgery Reduction					
Channe Taskaina					
Storage Technique					
Mushroom cultivation					
INIUSIII OOIII CUILIVALIOII					
Total			18	18	5.0

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

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per 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: Nil

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	<u>.</u>	•		

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

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

4.C1.Results of Technologies Assessed

Results of On Farm Trial

Crop/ enterprise	situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observat ions other than yield	Net Return Rs. / unit	BC Ratio	Rema rks if any
1	2	3	4	5	6	7	8	9	10	11	12	13
	Assessment of suitable Traditional		TO1 (Farmer practice) –PHG-9	UAS, Bengaluru	8.23	q/ha	15.22	5233.33	1.17			
Horse gram	Rainfed	varieties and Low	horsegram varities for	ities for 03	TO2- CRIDA – 18	CRIDA, Hyderabad	9.67	q/ha	18.56	9366.67	1.29	
grain		yield	higher productivity		TO3- PAIYUR – 2	TNAU, Coimbator e	9.00	q/ha	16.89	7025.00	1.22	
Cauliflowe r	Irrigated	Severe Diamond back moth (DBM) menace and developme nt of resistance	Assessment on Management of DBM in Cauliflower	03	TO1: Flubendiamide (0.05%), Emamectin benzoate (0.05%), Spinosad (0.15)%, Fipronil (0.15)%, Rynaxypyr (0.025%), Novaluron (0.15%, Chlorofenapyr (0.1%),	Farmers Practice	30.17	t/ha	2.76	41233.3	1.24	

					Chloropyriphos (0.2%), Deltamethrin (0.15%), Dichlorvos (0.2%), Lambdacylothrin (0.1%), Thiodicarb (0.2%) – Farmers' Practice TO2: Mustard (trap crop)							
					Spraying of Neem Soap (10g/l) Spraying of Bt formulation (0.1%) Novaluron (0.075%) or Indaxacarb , (0.05%) or Ema. Benzoate (0.05%) – IIHR, B	IIHR (B)	32.83	t/ha	1.98	59400.00	1.35	
					TO3: Mustard (trap crop) Installation of WOTA-T Yellow Sticky traps Neem /pongamiaSoap (5g/l) Emamectin benzoate 5SG (0.05%), Chlorfenapyr 10SC (0.1%), Spinosad 45 SC (0.15%), - IIVR, Varanasi	IIVR, Varanasi	40.83	t/ha	0.66	114400.0	1.67	
					TO1:CoC (0.3%), Mancozeb (0.2%), Cymoxanil+ Mancozeb (0.3%), Metalaxyl + Mancozeb (0.2%), Dimethomorph (0.1%) + Captan (0.2%) - Farmers' Practice	Farmers' Practice	23.80	t/ha	26.79	82920.0	1.94	
cucumber	Irrigated	Severe incidence of downy mildew	Assessment on Manageme nt strategies for Downey	3	TO2: Seed treatment with Thiram (2g/kg seeds) Spray of Mancozeb (0.2%) & Cymoxanil+Manco zeb (0.2%) - IIHR (B)	IIHR (B)	27.30	t/ha	21.11	106235.00	2.18	
		disease	mildew in Cucumber		TO3: Seed treatment with Metalaxyl (2g/kg seeds) Trichoderma harzanum enriched Farm Yard Manure (@ 1 kg / 100 kg FYM) application Prophylactic Spray with Mancozeb (0.25%) followed by Spraying of Metalaxyl+ Mancozeb (0.25%) and Dimethomorph	IIVR, Varanasi	31.50	t/ha	11.09	134900.00	2.47	

					(0.1%)+ Mancozeb (0.2%) - IIVR,							
					Varanasi							
					TO1: Soil application of Borax@10 g per plant	Farmers Practice			Trial un	der Progress		
Papaya		Malformed fruits, micro nutrient deficiency,	Micro- nutrient		TO2: At planting apply Borax 20-25g per plant - foliar spray at 25% flowering. At flowering, spray Solubor (20% B) followed by boric acid (17% B).	IIHR,Banga Iore						
гарауа	Irrigated	poor fruit set, low yield and poor quality	managemen t in Papaya	3	TO3: Spray ZnSO4 0.5% + H2BO3 0.1% during 4 th and 8 th month to increase growth and yield characters	TNAU,Coi mbatore						
					T04: Foliar spray of Borax 0.1% + MnSo4 0.25%+CuSO4 0.25% at 2 and 3 months after transplanting	NDUAT, Faizabad						
					TO1:Farmers practice	FP	51.50	t/ha	7.60	2850	1.01	
Cabbage	Irrigated	DBM menace and indiscrimin	Evaluation of various pest managemen t practices in	3	TO2: Mustard trap crop, neem soap spray (10 g/l), spray with novuluron (0.075), Indaxacarb(0.05%), emamectin benzoate (0.05%)	IIHR, Bangalore	53.30	t/ha	4.40	13650	1.09	
		ate use of pesticides	cabbage against DBM		TO3: Spray with spinosad @ 0.2 ml/I -Cover the crop with polypropylene cloth 15 days after transplanting	Reliance polymer	56.20	t/ha	1.10	9650	1.06	
		Lack of informatio	Evaluation		TO1: Farmer practice : No intercrop	-	68.96	q/ha	-	1,04,537	5.18	
Mulberry	Rainfed	n on better utilization of in-	of suitable intercrops in tree	3	TO2: Tree Mulberry + Ragi	UAS (B)	60.70	q/ha	17.30	1,20,667	3.57	
widiberry	Nanneu	between space, non availability	mulberry for additional	3	TO3: Tree Mulberry + Groundnut	RSRS Chamaraja nagar	66.97	q/ha	13.06	1,29,742	3.40	
		of proper technology	income		T04 Tree Mulberry + Field bean	ITK	65.82	q/ha	36.86	1,75,106	5.26	

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

- 1. Title of Technology Assessed
- 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 and feedback received

4.D1. Results of Technologies Refined :Nil

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
			,									

4.D.2. Details of Technologies refined:Nil

- 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

CI		Famaina			Maniatus /		The amendia	Taskuslamı	Area	(ha)	Farme	rs (No.)	Farmers	(No.)
SI. No.	Category	Farming Situation	Season	Crop	Variety/ breed	Hybrid	Thematic area	Technology Demonstrated	Propose d	Actual	SC/ST	Others	Small/ Marginal	Others
1	Oilseeds	Rainfed	Kharif	Groundnut	GKVK-5	-	Variety INM	Introduction of new variety GKVK-5 in groundnut for varietal replacement	10	8	6	14	0	0
2	Pulses	Rainfed	Kharif	Redgram	BRG-1	-	ICM	Integrated crop management in Red gram	20	20	9	41	0	0
3		Rainfed	Kharif	Field bean	Local	-	IPM	Integrated pest management in Field bean	1	1	2	3	0	0
	Cereals													
4	Millets	Rainfed	Kharif	Ragi	ML-365	-	ICM	Introduction of medium Ragi variety, ML-365 for drought mitigation and delayed sowings	20	20	-	20	0	0
5	Vegetables	Irrigated	Rabi	Cucumber	Chitra	-	IPDM	Integrated pest & disease management in cucumber	1	1	-	5	0	0
6		Irrigated	Kharif	Tomato	-	Abhinav a	Nutrient management	Nutrient in tomato through fertigation	1	1	-	5	0	0
7		Irrigated	Rabi	Potato	Kufri Jyothi	-	ICM	Integrated crop management in Potato	4.0	3.6	-	9	0	0
	Flowers													
	Ornamental													
8	Fruit	Rainfed	Rabi	Guava	Totapuri	-	Micro nutrient management	Management of bronzing in guava	3	3	-	3	0	0

	1		1.41 .6	Τ	1.1.5.6.1		L		_				
9		Rainfed	Kharif	Mango	Al.Safed	-	Soil,water	4	4	3	7	0	0
							conservation,						
							micronutrient						
							mgt pest and						
							disease mgt.						
10		Rainfed	Summer	Mango	Benishan	-	Proper ripening	2	1	-	1	0	0
				3 8			technology					-	
	Spices and												
	condiment												
	condinient												
	Commercial												
	Medicinal and												
	aromatic												
	Fodder												
	Plantation				1								
	Tiantation												
	E.I												
	Fibre												
	Dairy												
	Poultry												
	Rabbitry												
	,												
	Piggery												
	riggery												
	Sheep and												
	goat												
	Duckery							 					
	Common												
	carps							1					
	r -												
	Mussels				1								
	141033613												
<u></u>		J						<u> </u>					

	Ornamental fishes												
	Oyster mushroom												
	Button mushroom												
	Vermicompos												
11	Sericulture	Rainfed	Sericulture	V-1		Production & Management	Demonstration of tree mulberry for rainfed sericulture	4	4	2	8	0	0
12		Irrigated	Sericulture	V-1		Production & Management	Integrated nutrient management in mulberry & Use of Silkworm growth enhancer for higher cocoon yield	4	4	1	9	0	0
13		Irrigated	Sericulture		G-4	Production & Management	Introduction of Improved variety of Mulberry G-4 for yield maximization	2	2	-	5	0	0
14		Irrigated	Sericulture		FC2XFC 1	Drudgery	Demonstration of cocoon deflosser for increasing efficiency and reducing drudgery	5	5	0	5	0	0
15	Apiculture												
16	Implement						,						
17	Others (specify)												

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

SI. No.	Category	Farming Situation	Season and	Crop	Variety/ breed	Hybrid	Themati c area	Technology Demonstrated	Season and year		Status of s	oil	Previous crop grown
			Year						,	N	Р	K	
	Oilseeds												
	Grounnut	Rainfed	Kharif, 2017-18	Grounnut	GKVK-5	-	Variety and INM	Introduction of new variety GKVK-5 in groundnut for varietal replacement	Kharif, 2017-18				
	Pulses	Rainfed	Kharif 2017	Redgram	BRG-1	-	ICM	Integrated crop management in Red gram	Kharif 2017	393.02	138.72	356.97	Ragi
		Rainfed	Rabi 2017	Field bean	-	H-4	IPM	Integrated pest management in Field bean	Rabi 2017	249.62	34.35	246.78	Ragi
	Cereals												
	Millets												
	Ragi	Rainfed	Kharif 2017-18	Ragi	ML-365	-	Varie ty	Introduction of medium Ragi variety, ML-365 for drought mitigation and delayed sowings	Kharif 2017	248.09	84.59	270.19	Redgram
	Vegetables												
		Irrigated	Kharif 2017	Tomato	-	Abhi nav	INM	Nutrient management in tomato through fertigation	Kharif 2017	298.54	97.73	278.28	Potato
		Irrigated	Rabi 2017	Potato	Kufri Jyothi	-	ICM	Integrated crop management in Potato	Rabi 2017	294.08	210.57	365.47	Tomato
		Irrigated	Rabi 2017	Cucumber	Chitra	-	IPD M	Integrated pest & disease management in cucumber	Rabi 2017	124.18	78.59	369.51	Pole Beans
	Flowers												
	Ornamental												
	- Hameritan												
	Fruit												
		Rainfed	Kharif 2017	Mango	Totapuri		ICM	Soil,water conservation,micronutrient mgt pest and disease mgt.	Kharif 2017	272.83	78.31	228.34	Mango

	Irrigated	Rabi 2017	Guava	Al.Safed	-	NM	Management of bronzing in guava	Rabi 2017	181.89	80.92	254.96	Guava
	Rainfed	Summer 2017	Mango	Benishan/ Dasheri	-		Eco friendly and low cost ripening	Summer 2017				Mango
Spices and condiments												
Commercial												
Medicinal and aromatic												
Fodder												
Plantation												
Fibre												
Mulberry	Irrigated	Kharif 2017-18	Mulberry	V1	-	INM	Integrated nutrient management in mulberry & Use of Silkworm growth enhancer for higher cocoon yield	Kharif 2017-18	283.49	109.57	826.7	Mulberry
Mulberry	Irrigated	Kharif 2017-18	Mulberry	V1	-	Water mgt	Demonstration of tree mulberry for rainfed sericulture	Kharif 2017-18	288.51	91.51	353.20	Mulberry
Mulberry	Irrigated	Kharif 2017-18	Mulberry	G-4	-	Varietal	Introduction of Improved variety of Mulberry G-4 for yield maximization	Kharif 2017-18	257.50	131.62	195.95	Mulberry

5.B.Results of FLDs

5.B.1. Crops

5.B.1. Cro	ops																		
	Name of the technology	.,		Farming	No. of	Area		Yield	(q/ha)		%	*Econom	ics of demo	nstration (Rs	./ha)		*Economics (Rs./h		
Crop	demonstrate d	Variety	Hybrid	situation	Demo	(ha)		Demo		Chec k	Increas e	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
							Н	L	Α										
Oilseeds																			
	Introduction of new variety GKVK-5 in groundnut for varietal replacement	GKVK-5	-	Irrigated	20	10	21.0	6.13	15.81	11.88	33.07	60851.88	91846.25	30994.38	1.51	49526.88	59906.5	10379.63	1.22
Pulses																			
1 discs	Integrated																		
Redgram	crop management in Red gram	BRG-1	-	Rainfed	50	20	10.6	7.2	9.10	7.68	18.48	23774	40388	16614	1.70	23406	34088	10682	1.46
Field bean	Integrated pest management in Field bean	Local	-	Rainfed	05	01	6.83	6.17	6.49	4.98	30.27	15055.0	42509.50	27454.50	2.83	14375.0	32632.10	18257.10	2.27
Cereals																			
Millets																			
Ragi	Introduction of medium Ragi variety, ML-365 for drought mitigation and delayed sowings	ML-365	-	Rainfed	20	8	40.0	18.75	25.59	19.94	28.34	22108	63968	41860	2.89	19108	49860	30751	2.60
Vegetables]																
Tomato	Nutrient management in tomato through fertigation		Abhinav	Irrigated	05	1	662.0	580.0	611.8	539.3	13.44	475132	1468320	993188	3.090	468089.6	1294320	826230.4	2.76

	T	1	1	1			1	I	Ti .	1		ı		T		T	1	1	
Potato	Integrated crop management in Potato	Kufri Jyothi	-	Irrigated	09	3.6	250.0	227.5	240.4	201.7	19.20	159461.11	302946.0	143484.89	1.90	155361.11	254142.00	98780.89	1.64
Cucumber	Integrated pest & disease management in cucumber	Chitra	-	Irrigated	05	01	278.0	251.0	265.6	218.6	21.50	92200	189904	97704	2.06	90550	156299	65749	1.73
Flowers																			
Ornament al																			
Fruit																			
Guava	Management of bronzing in guava	Allahaba d safed		irrigated	03	1.2	300.2	260.0	280.1	227.6	27.01	235345	523045	287700	2.22	248568	428508	179940	1.72
Mango	Water, micronutrient and peat mgt	Totapuri		Rainfed	10	4							Under P	rogress					
Spices and condiments																			
Commercial																			
Fibre crops like cotton																			
Medicinal																			
and																			
aromatic																			
Fodder																			
Plantation																			
Fibre																			
Others (pl.specify)																			

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
Ragi		
Plant Height (cm)	90.19	81.40
Tillers/plant (No)	7.14	4.78
Earheads/plant (No)	8.26	6.30
Days to maturity	115	102
Defoliators/plant	0.54	2.63
Groundnut		
Plant height(cm)	54.97	59.75
Pods/plant (No)	71.32	29.68
Pod yield/plant (g)	131.87	50.41
Haulm yield(t/ha)	1122.08	368.2
Tikka incidence(%PDI)	21.22	49.89
Redgram		
Pods/plant(No)	211.66	154.48
Pod borer (%)	3.84	12.26
Leaf webber(No/pl)	3.42	8.54
Sterility mosaic(%)	2.32	9.86
Field bean		
Pod borer (%)	5.92	15.13
Aphids/ 5 cm shoot(No)	12.60	36.88
Branches/plant (No)	8.08	7.84
Numbers of plant/plant	87.88	77.08
Tomato		
TSS(Brix)	5.42	4.76
Fruit firmness(lb)	5.48	4.58
Shelf life (days)	21.80	17.60
Guava		
Bronzing (% recovery)	6.85	33.35
Mango		
Hoppers incidence(No/inflor)	8.40	12.54
Powdery mildew(%PDI)	6.70	15.10
Potato		
Fresh plant weight(g)	179.28	190.81
Tubers/plant(No)	9.64	7.75
Defoliators/plant(No)	0.58	1.36
Mites/leaf (No)	1.31	3.18
Late blight(PDI)	4.22	17.28
Cucumber		
Downey mildew (PDI)	20.30	38.22
Powdery mildew(PDI)	21.48	41.33
Leaf miners/leaf (No)	4.70	8.60
1		

5.B.2. Livesto	ck and r	elated	enterpr	ises :	Ni
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	Name of the technology demonstrated	Drood	No. of Demo	No.		Yie	ld (k	g/animal)	0/ Ingresse	*Econo	mics of de	monstration Rs	./unit)			ics of check ./unit)	
Type of livestock	Name of the technology demonstrated	Breed	No. of Demo	of Units	С	emo	0	Check if any	% Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					Н	L	Α										
Dairy																	
																	+-
													-				+
Davilson																	
Poultry																	
Rabbitry																	
																	+-
Pigerry																	+
rigerry																	
Sheep and goat																	
Duckery																	
																	+
																	+
																	1
Others (pl.specify)																	

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

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

The second parameters and year	in (i.e., i cancello i percentage anocases, increas	a m containing rate, mice can map period attent
	Data on other parameters in relation	n to technology demonstrated
Parameter with unit	Demo	Check if any
	·	

5.B.3. Fisheries : Nil

Tune of Broad	Name of the technology Breed No. of Units/ Area		Units/ Area		Yield (q/ha)		%	*Econoi		onstration Rs./u ./m2)	nit) or	*Economics of check Rs./unit) or (Rs./m2)					
Type of Breed	demonstrated	Breed	Demo	(m²)	Demo			Check if any	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					Н	L	Α	,									
Common carps																	

^{**} BCR= GROSS RETURN/GROSS COST

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.

H-High L-Low, A-Average

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

Bata on additional parameters other than yier	a (vizi, reduction of percentage discuses, effective	e use of failure etc.)												
Data on other parameters in relation to technology demonstrated														
Parameter with unit	Parameter with unit Demo Check if any													

5.B.4. Other enterprises

				Units/	Units/ Yield (q/ha/crop))				demonstrati	ion			s of check		
Enterprise	Name of the technology	Variety/	No. of	Area		(-)	-, -, -,	_	%		(Rs./unit) o		**			r (Rs./m2)	**
'	demonstrated	species	Demo	{m²}		Demo		Check	Increase	Gross	Gross	Net		Gross	Gross	Net	
				IT		if any		Cost	Return	Return	BCR	Cost	Return	Return	BCR		
O vet e v					Н	L	Α										
Oyster mushroom																	
Button																	
mushroom																	
Vermicompost																	
Sericulture																	
	Demonstration of tree mulberry for rainfed sericulture	V-1	10	4	51.46	47.38	49.50	83.32	-	29087	106904	77817	3.67	68865	165447	96582	2.40
	Integrated nutrient management in mulberry & Use of Silkworm growth enhancer for higher cocoon yield	V-1	10	4	13.37	11.56	12.37	10.03	23.33	61475	254156	192681	4.13	49970	173849	123879	3.48
	Introduction of Improved variety of Mulberry G-4 for yield maximization	G-4	05	2	47.05	36.68	42.80	41.50	3.13	40538	98449	57911	2.43	39638	93312	53674	2.35
Apiculture																	

^{**} BCR= GROSS RETURN/GROSS COST

Others									1
(pl.specify)									i I

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

Data on o	ther parameters in relation to technology demon	strated
Parameter with unit	Demo	Local
Tree mulberry		
Leaf yield(kg/plant)	4.54	0.69
Leaf yield (q/ha/crop)	49.51	83.32
Leaf moisture(%)	73.31	72.48
Leaf moisture retention (%)	82.75	81.90
Cocoon yield (kg/ha)	232.22	367.66
Mulberry		
Leaf yield(kg/plant)	1.02	0.83
Cocoon yield(kg/ha/crop)	550.13	402.45
Shell weight(g)	0.49	0.41
Shell percentage (%)	21.91	20.84
Mulberry (G-4)		
Leaf yield(kg/plant)	3.93	3.80
Cocoon yield(kg/ha/crop)	214	207
Leaves/plant	623.05	608.85
Shoots/plant	22.05	21.75
Bacterial blight (PDI)	2.17	3.81

5.B.5. Farm implements and machinery

Name of the	Cost of the implement	Name of the technology demonstrated	No. of	Area covered under	overed requiremen		Labour equirement n Mandays		*Econo	mics of dem	onstration (Rs./ha)		*Economic		
implement	in Rs.		Demo	demo in ha	Demo	Check		(Rs./ha)	Gross cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cocoon deflosser	4000	Reducing drudgery and increasing efficiency	5		2	4	50	500/ 100 DFLs	13160	51000	37840	3.87	13500	47000	33500	3.48

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

Data on other paramete	rs in relation to technolog	y demonstrated							
Parameter with unit	Demo	Local							
Deflosser									
Labour requirement (For 100 dfls)	2	4							
Time required for removal of flossy layer for	8	32							
100 kg cocoons (hrs)									

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

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1	Field days	05	153	
2	Farmers Training	13	343	
3	Media coverage	06	122	
4	Training for extension functionaries	2	36	
5	Others (Please specify)	-	-	

PART VI – DEMONSTRATIONS ON CROP HYBRIDS

Demonstration details on crop hybrids

Turns of Dunnel	Name of the technology	Name of	No. of	Area		Yield	(q/ha)		%	*Eco	nomics of d (Rs./ł		on		*Economics (Rs./h		
Type of Breed	demonstrated	the hybrid	Demo	(ha)		Demo		Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
					Н	L	Α										
Cereals																	
Bajra																	
Maize																	
Paddy																	
Sorghum																	
Wheat																	
Others (pl.specify)																	
Total																	
Oilseeds																	
Castor											_			_		_	
Mustard																	

						1	1										
Safflower																	
Sesame																	
Sunflower																	
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																	
	Nutrient management in																
Tomato	tomato through fertigation	Abhinav	05	1	662.0	580.0	611.8	539.3	13.44	475132	1468320	993188	3.09	468089.6	1294320	826230.4	2.76
Brinjal																	
Okra																	
Onion																	
Potato																	
Field bean																	
Others	Integrated pest and	Chibara	05	0.1	270.0	254.0	265.6	240.6	24.50	02200	400004	07704	2.06	00550	456200	65740	4.72
(Cucumber)	disease management	Chitra	05	01	278.0	251.0	265.6	218.6	21.50	92200	189904	97704	2.06	90550	156299	65749	1.73
Total																	
Commercial											_		_	_			
crops				<u></u>		<u></u>	<u></u>									<u> </u>	
Sugarcane																	
Coconut																	
Others																	
(pl.specify)																<u> </u>	
Total																	
Fodder crops																	

Maize (Fodder)									
Sorghum (Fodder)									
Others Mulberry									
Total									

H-High L-Low, A-Average

EDP 1. Entrepreneurship development through cocoon bio craft for SHG Women

Items	Unit cost(Rs)	Unit selling price(Rs)	Total production	Profit /unit (Rs)	Net Profit (Rs)
Garland-single	75	100	60	25	1500
Garland-double	125	125	30	25	750
Silkball garland	75	150	30	50	1500
				Total earning (Rs.)	3750

EDP 2. Preparation of Protein Enriched Mango spicy Bar

Items	Unit cost(Rs/kg)	Unit selling price(Rs)	Total production	Profit /unit	Net Profit
				(Rs)	(Rs)
Mango spicy bar	90	110	8.5 kg	20	170

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

PART VII.

TRAINING

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

	No of				No	. of Partici	pants			
Area of training	No. of Courses		General			SC/ST			Grand Tota	al
Curan Burg duration		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	1	20	0	20	0	0	0	20	0	20
Soil and Water Conservation										
Integrated Nutrient Management										
Production of organic inputs										
Others (Sericulture)	2	95	20	115	15	5	20	110	25	135
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 (Kitchen & terrace gardening)	2	1	22	23	23	7	30	24	29	53
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										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl.specify)										
c) Ornamental Plants										

Nursery Management			<u> </u>			<u> </u>			<u> </u>	<u> </u>
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										
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 (Organic farming)	1	20	10	30	5	5	10	25	15	40
Livestock Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Animal Disease Management										
Feed and Fodder technology										
Production of quality animal products						1				
, , ,			<u> </u>		<u> </u>	<u> </u>	<u> </u>			

			<u> </u>	1		1	1	ı	1	
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	1	0	15	15	0	04	04	0	19	19
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
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	1	40	0	40	11	0	11	51	0	51
Integrated Disease Management	1	40	20	60	15	5	20	60	20	80
Bio-control of pests and diseases										
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										
Similip laming										

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)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of										
farmers/youths Others (Capacity building for input dealers)	1	37	0	37	3	0	3	40	0	40
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Farmers to farmers training)	6	150	3	153	24	0	24	174	3	177
TOTAL	16	403	90	493	96	26	122	504	111	615

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

					No.	of Partici	pants			
Area of training	No. of		General			SC/ST	-	(Grand Tot	al
7.1.Cu O. trummig	Courses	Male	Femal e	Total	Male	Female	Total	Male	Femal e	Total
Crop Production			-						-	
Weed Management										
Resource Conservation Technologies	1	40	50	90	10	10	20	50	60	110
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/Irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	25	2	27	0	0	0	25	02	27
Soil and Water Conservation	1	45	02	47	0	0	0	45	02	47
Integrated Nutrient Management										
Production of organic inputs										
Others (pl.specify) Minor millets production techniques	1	4	60	64	5	30	35	9	90	99
Sericulture	6	243	05	248	47	05	52	290	10	300
Horticulture										
a) Vegetable Crops										
Production of low value and high volume crop	3	50	140	190	40	25	65	90	165	255
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (Precision farming)	1	100	60	160	80	20	100	180	80	260
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards	1	15	0	15	5	0	5	20	0	20
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards	1	100	50	150	100	50	150	200	100	300
Plant propagation techniques										
Others (Dry land Horticulture)	1	50	10	60	15	0	15	65	10	75
Income generating flower crops										

		1	T .	1	T	Τ	T	1	1	1
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (Improved tech. in flower crops)	3	200	300	500	95	125	220	295	425	720
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										
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 (Organic farming)	2	48	30	78	16	6	22	64	36	100
Livestock Production and										
Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit Management										

			1	T	1	1	ı	ı	ı	ı
Animal Nutrition Management										
Animal Disease Management										
Feed and Fodder technology										
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										
Women empowerment										
Location specific drudgery production										
Rural Crafts										
Women and child care										
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	3	62	06	68	12	0	12	74	06	80
Integrated Disease Management	3	165	130	295	30	30	60	195	160	355
Bio-control of pests and diseases										
Production of bio control agents and										
bio pesticides Others (pl.specify)		1								
Fisheries		1								
Integrated fish farming		1								
		1								
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
		1	1	1	1	1	1	1	1	1

Composite fish culture				T		<u> </u>				
				 						
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				1						
Production of Bee-colonies and wax				1						
sheets				<u> </u>						
Small tools and implements				<u> </u>						
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom production										
Apiculture										
Others (pl.specify)										
Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
Others (Bee Keeping)	1	0	35	35	0	15	15	0	50	50
Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (Pl. specify)										
TOTAL					1	i				

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

	No. of	No. of Participants									
Area of training	Courses	General SC/ST Grand Total Male Female Total Male Female Total Male Female Total									
Nursery Management of Horticulture crops		Male	Female	Total	Male	Female	Total	Male	Female	Total	
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	2	60	0	60	10	0	10	70	0	70	
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	2	60	0	60	10	0	10	70	0	70	

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

	No of	No. of Participants										
Area of training	No. of Courses		General		SC/ST			Grand Total				
Niversity Management of Heathing by management		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	4	220	75	295	55	15	70	275	90	365		
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	<u> </u>	220	75	205	FF	15	70	275	00	265		
IUIAL	4	220	/5	295	55	15	/0	2/5	90	365		

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

	No. of			ľ	No. of	Participa	ints			
Area of training	Courses		Genera		SC/ST				rand Tot	
		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.F. Training programmes for Extension Personnel including sponsored training programmes (off campus)

	No. of				No.	of Partic	ipants			
Area of training	Courses	(General		SC/ST			Grand Total		
	Courses	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		No. of				No.	of Particip	ants			
3.140	Area of training	Courses		General			SC/ST			Grand Tota	al
•			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										
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										

Details of sponsoring agencies involved

- 1.
- 2.
- 3.

		No. of				No.	of Particip	ants			
S.No.	Area of training	Courses		General			SC/ST		(Grand Tota	al
		courses	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										
1.e.	Organic farming										
1.f.	Others (pl.specify)										
2	Post harvest technology and value addition										
2.a.	Value addition	1	0	13	13	0	7	7	0	20	20
2.b.	Others (pl.specify)										
3.	Livestock and fisheries										
3.a.	Dairy farming										
3.b.	Composite fish culture										
3.c.	Sheep and goat rearing										
3.d.	Piggery										
3.e.	Poultry farming										
3.f.	Others (pl.specify)										
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										
4.d.	Rural Crafts										
4.e.	Seed production										
4.f.	Sericulture (Bio crafts preparation)	1	0	15	15	0	5	5	0	20	20
4.g.	Mushroom cultivation										
4.h.	Nursery, grafting etc.										
4.i.	Tailoring, stitching, embroidery, dying etc.										
4.j.	Agril. para-workers, para-vet training										
4.k.	Others (pl.specify)										
5	Agricultural Extension										
5.a.	Capacity building and group dynamics										1
5.b.	Others (pl.specify)										
	Grand Total	2	0	28	28	0	12	12	0	40	40

PART VIII – EXTENSION ACTIVITIES

Extension Programmes (including extension activities undertaken in FLD programmes)

Nature of Extension	No. of	No. of P	articipants ((General) No. of Participa SC / ST			ants	No.of	extension personnel		
Programme	Programmes	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Field Day	5	107	26	133	13	2	15	30	8	38	
Kisan Mela	1	4000	2000	6000	500	200	700	200	100	300	
Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	
Exhibition	9	1200	700	1900	150	50	200	52	22	74	
Film Show	7	600	50	650	70	10	80	41	10	51	
Method Demonstrations	20	456	26	482	92	20	112	20	7	27	
Farmers Seminar	17	1412	300	1712	243	96	339	1000	104	1104	
Workshop											
Group meetings	28	450	50	500	100	21	121	200	63	263	
Lectures delivered as	65	4475	1403	5878	2197	575	2772	1000	191	1191	
resource persons											
Newspaper coverage	21	-	-	-	-	-	-	-	-	-	
Radio talks	5	-	-	-	-	-	-		-	-	
TV talks	10	-	-	-	-	-	-	-	-		
Popular articles	10	-	-	-	-	-	-	-		-	
Extension Literature	5	100	50	150	50	5	55	0	0	0	
Advisory Services	306	200	50	250	40	10	50	20	6	26	
Scientific visit to farmers	254	950	70	1020	650	91	741	100	54	154	
field											
Farmers visit to KVK	256	200	10	210	40	6	46	0	0	0	
Diagnostic visits	37	110	8	118	60	3	63	55	10	65	
Exposure visits	5	147	9	156	44	0	44	2	0	2	
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp	2	92	15	107	36	5	41	8	0	8	
·	Animals treated 610										
Agri mobile clinic											
Soil test campaigns											
Farm Science Club											
Conveners meet											
Self Help Group											
Conveners meetings											
Mahila Mandals											
Conveners meetings											
Celebration of important	9	921	380	1301	188	70	258	30	5	35	
days (specify)]		
Any Other (Specify)											
Total	1060	15420	5147	20567	4473	1164	5637	2758	580	3338	

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)						
Oilseeds						
Pulses						
Commercial crops						
Vegetables	Drumstick	Bhagya		1.4 kgs	3500/-	3
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others (specify)						
Total						

9.B. Production of planting materials by the KVKs: Nil

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others(specify)						
Total						

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 – Mango Special	Mango Special	1786	267900	132
Total	Mango Special	1786	267900	132

9.D. Production of livestock materials: Nil

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Fingerlings				
Others (Pl. specify)				
Total				

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

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

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

(B) Literature developed/published

Item	Title	Authors name	Number
Research papers			
Technical reports			
News letters	KVK News Letter	All KVK Staff	02
Technical bulletins			
Popular articles	Role of Trichogramma	Shashidhar, K.R. &	
·	chilonis on management of	K. Thulasiram	
	leaf roller and bihar hairy		
	caterpillar in mulberry		
	Management of bark eating	Shashidhar, K.R. &	
	caterpillar in tree mulberry	K. Thulasiram	
	Management of May-June	Shashidhar, K.R., Nagaraja, KS,	
	beetles in mulberry	Noorulla Haveri	
	Management of pests	Shashidhar, K.R. K.Thulasiram	
	through biological methods	Nagaraja K.S. Noorulla Haveri	
	in sericulture		
	Fig cultivation	Nagaraj K S, Kashinath Patil	
		and Shashidhar K R	
	Trichoderma - A biopesticide	Shashidhar, K.R. Noorulla	
	in mulberry disease	Haveri & K. Thulasiram	
	management		
	Agro forestry component in	Dr.Shashidhar K.R, Umesha	
	Mulberry field for additional	Naik, Dr.Nagaraj K.S	
	income		
	Integrated management of	Dr. K.R. shashidhar,	
	uzifly in silkworm rearing	K.Thulasiram	
	Role of secondary nutrients	Dr. Shashidhar K.R.,	
	in growth and development	Dr. Nagaraj K.S.	
	of mulberry	Dr. Noorulla Haveri,	
	Tree mulberry cultivation a	Dr.Shashidhar K.R,	
	boon for dryland sericulture	K.Thulasiram	
Extension literature	Pest and disease	Dr.Shashidhar K.R,	
	management in tree	K.Thulasiram	
	mulberry		
	Integrated pest and disease	K.Thulasiram	
	management in protected	Dr.Noorulla Haveri	
	cultivation	Dr.Shashidhar K.R,	
Others (Book)	Improved production	K.Thulasiram	
	technology in cashew	Dr. Nagaraj	
		Dr. Noorulla Haveri,	

10.B. Details of Electronic Media Produced

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

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

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

The Broad outline for the case study may be

Title

Background

Interventions

Process Technology

Impact

Horizontal Spread Economic gains

Employment Generation

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

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

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

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

- Identification of courses for farmers/farm women: Discussion with extension functionaries, farmers

- Rural Youth: Discussions

Inservice personnel: Discussions

10.G. Field activities

i. Number of villages adopted: 1ii. No. of farm families selected: 25iii. No. of survey/PRA conducted: 5

10.H. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Soil Science lab of College of Horticulture is being utilized

1. Year of establishment : 2010

2. List of equipments purchased with amount:

Sl. No	Name of the Equipment	Qty.	Cost
1			
2			
3			
Total			

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	1611	1611	1155	322200
Water Samples	993	993	641	198600
Plant samples				
Manure samples				
Others (specify)				
Total	2604	2604	1796	520800

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	664	664	447	132800
Water Samples	447	447	447	89400
Plant samples				
Manure samples				
Others (specify)				
Total	1111	1111	894	222200

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

					Public repro partici	
Date(s)	Farmers participated	No. of Samples analyzed	Soil health cards issued	No. of Villages	MLA/Minister	Other Dignitaries/ Chief guests
17-18	664	664	664	447	-	Director, ATARI, JDA,DDH etc.

10.1. Technology Week celebration during 2017-18 Yes/No, If Yes: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 delivered	-	-	
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): Nil

A. Introduction	of alternate of	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
KARNATAKA	2	610	169
Total		610	169

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
Total			

G. Awareness campaign

State	Meetings		Gosthies		Field o	days	Farmers 1	fair	Exhibition		Film s	how
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
Total												

PART XI. IMPACT

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

Name of specific	No. of	% of adoption	Change in income (Rs.)	
technology/skill transferred	participants		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
KSDA	Training programmes, diagnostic field visits, surveys, meetings etc
KSDH	Training programmes, diagnostic field visits, surveys, meetings etc
Veterinary & Animal husbandary	Training programmes, diagnostic field visits, surveys, meetings etc
Sericulture	Training programmes, diagnostic field visits, surveys, meetings etc
Karnataka Milk Federation	Training programmes, diagnostic field visits, surveys, meetings etc
Dept. of Fisheries	Meetings etc

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.)
Enhancing farmersincome and welfare	2016-17	KAPC	20 lakhs

12.C. Details of linkage with ATMA

a) Is ATMA implemented in your district

Yes

If yes, role of KVK in preparation of SREP of the district? : KVK scientists have actively participated in conducting PRAs, group discussions and meetings while preparing SREP.

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				
02	Research projects				
03	Training				
03	programmes				
04	Demonstrations				
05	Extension				
US	Programmes				
	Kisan Mela				

	Technology Week	ĺ		
	Exposure visit			
	Exhibition			
	Soil health camps			
	Animal Health			
	Campaigns			
	Others (Pl. specify)			
06	Publications			
	Video Films			
	Books			
	Extension			
	Literature	<u> </u>		
	Pamphlets			
	Others (Pl. specify)	<u> </u>		
07	Other Activities			
07	(Pl.specify)	I		
	Watershed			
	approach	<u> </u>		
	Integrated Farm		 	
	Development			
	Agri-preneurs			
	development			

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

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

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

S. N	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks

12.F. Details of linkage with RKVY: Nil

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

12. GKisan Mobile Advisory Services

Month	Message	-		SMS/voice	calls sent (No.))		Total	Farmers
	type (Text/Voice)	Crop	Livestock	Weather	Marketing	Awareness	Other enterprises	SMS/Voice calls sent (No.)	(No.)
April 2017	Text	3	0	0	0	0	0	3	31872
May	Text	3	0	0	0	0	0	3	31873
June	Text	8	0	0	0	0	0	8	84977
July	Text	6	0	0	0	1	0	7	75847
August	Text	13	0	0	0	2	0	15	159379
September	Text	8	0	0	0	2	0	10	98582
October	Text	6	0	0	0	0	0	6	63765
November	Text	8	0	0	0	2	0	10	107712
December	Text	8	0	0	0	1	0	9	98616
January,2018	Text	10	0	0	0	4	0	14	130467
February	Text	6	0	0	0	1	0	7	83985
March	Text	4	0	0	0	2	0	6	71896
Total		83	0	0	0	15	0	98	1038971

PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK

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

		Year of	Area	Details o	f productio	n	Amoun	it (Rs.)	
Sl. No.	. No. Demo Unit establishment		(ha)	Variety	Produce	Qty.	Cost of inputs	Gross income	Remarks

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

Nama	Data of	Data of	m _	Deta	ails of production)	Amour	nt (Rs.)	
Name of the crop	Date of sowing	Date of harvest	Area (ha)	Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals									
Pulses									
Oilseeds									
Fibers									
Spices & Plantat	tion crops								
Floriculture									
Fruits									
Vegetables									
Others (specify)	Others (specify)								

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

SI. Name of the		_	Amou	nt (Rs.)	
No.	Product	Qty	Cost of inputs	Gross income	Remarks
1	Mango special	1786	64646	267900	

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

Name		Deta	ils of production		Amou	nt (Rs.)	
SI. No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks

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		

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

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

PART XIV - FINANCIAL PERFORMANCE

14.A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	SBI	Bagalkot	17867	Current a/c	30611531173	587002104	SBIN0017867
With KVK	SBI	kolar	6029	Current a/c	34004434216	563002101	SBIN006029
Revolving Fund	SBI	kolar	6029	Current a/c	34004259049	563002101	SBIN006029

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

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Rec	urring Contingencies			
1	Pay & Allowances	78.86	78.86	7799889
2	Traveling allowances	0.80	0.80	25331
3	Contingencies			
Α	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.10	2.10	202187
В	POL, repair of vehicles, tractor and equipments	3.00	3.00	242586
С	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.00	1.00	82235
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.60	0.60	35163
Ε	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	2.50	2.50	174881
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.40	0.40	32132
	Training of extension Activities+World soil day	1.10	1.10	89647
G	Training of extension functionaries	0.15	0.15	0
	IFS	0.25	0.25	15322
	FFS	0.30	0.30	23204
	EDP	0.15	0.15	15664
Н	Maintenance of buildings	-		-
- 1	Establishment of Soil, Plant & Water Testing Laboratory	-	-	-
J	Library	0.05	0.05	2625
	Soil & water testing & issue of soil health cards	0.25	0.25	23246
	Farmers conclave	0.85	0.85	0
	TOTAL (A)			
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	• •			-
	OLVING FUND	92.36	92.36	8764108
GRANI	D TOTAL (A+B+C)			

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2014 to March 2015	100000	134920	112130	122790
April 2015 to March 2016	122790	329919	145320	307389
April 2016 to March 2017	307389	550470	118387	739472
April 2017 to March 2018	739472	508525	268085	979912

15. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Noorulla Haveri	Scientist(Plant protection)	Innovative approaches in Integrated pest & disease management in Horticultural crops	UAS, Dharwad	8.12.2017 to 28.12.2017
		Attended 3 days "orientation training of KVK Scientists"	ICAR-JSS KVK,Suttur, Mysore, Karnataka	17.8.2017 to 19.8.2017
Dr. Nagaraj K.S.	Scientist (Horticulture)	Attended 7 days Model training course on Impact of climate change and its management in Horticulture crops organized during 6 th to 13 th March 2018 at Director of Extension, UHS, Bagalkot	UHS, Bagalkot	6.3.2018 to 13.3.2017

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