

**KRISHI VIGYAN KENDRA, HANUMANAMATTI (HAVERI)**

# **ICAR-KRISHI VIGYAN KENDRA, HAVERI**

## **ANNUAL REPORT- 2020**

**(FOR THE PERIOD FROM 01 January 2020 TO 31 December 2020)**



**ICAR, Krishi Vigyan Kendra, Haveri -581115, Tq: Ranebennur,  
Dist: Haveri, University of Agricultural Sciences, Krishinagar,  
Dharwad-580005, Karnataka state  
[www.uasd.edu](http://www.uasd.edu)**

## **GENERAL INSTRUCTIONS**

### **Please read the instructions very carefully before starting preparation of the report**

- Annual report is the most important document for the KVK and it directly reflects the overall achievements pertaining to the reported period. Hence due care need to be given by each KVK while preparing the report.
- Period of Report is from 01 January 2020 to 31 December 2020
- Action photographs with relevant captions covering various activities of the KVK in High resolution should be submitted separately in a CD/DVD along with this report.
- Prepare Summary tables carefully tallying with the relevant portions of the main report on all aspects.
- Retain the blank column and rows as such and do not merge the cells. Please specify NIL, wherever not applicable or details are not available.
- Check the names of varieties and hybrids and specify in the report.
- Check the units and totals of each data table
- Extension activity under celebrations for each important day, please insert separate rows and give appropriate data separately. Clubbing of data should be avoided.
- Success stories/case studies should be supported with data tables, graphs and photos.



15	SS-1	K. B. Belakeri	Supporting staff Grade-II	M	-	-	19950-37900	31850	02.11.1998	Permanent	OBC
16	SS-2	Basavajar Nelogal	Supporting staff Grade-I	-	-	SSLC	-	-	-	Permanent	Others

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

S. No.	Item	Area (ha)
1	Under Buildings	2.20
2.	Under Demonstration Units	0.10
3.	Under Crops	16.10
4.	Orchard/Agro-forestry	1.60
5.	Others	-

### 1.7. Infrastructural Development:

#### A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1999	400	27.93	1999	400	Completed
2.	Farmers Hostel	ICAR	2004	305	22.63	2004	305	Completed
3.	Staff Quarters	ICAR	2007	399	39.68	2007	399	Completed
4.	Demonstration Units	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	ICAR	31.01.2008	985.96	9.11	31.01.2008	985.96	Completed
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

#### B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero ZLX-KA 27 N-0845	2016	7,31,504 (22499 Insurance)	23,779	Good
Motor cycle Bajaj CT-100 KA 27/ K8673	2005	40,000	34106	Not in working condition
Tractor and Trailer New Holland Ford 3230	2005	5,00,000	454 (hrs)	Good
Motor cycle Bajaj CT-100 KA 27/L4836	2006	40,000	32249	Not in working condition

#### C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Balaram Negilu	2017	800	Good
Kula – Bolt	2017	250	Good
Shakti CDN battery( 2 in 1) chemical Sprayer	2017	3200	Good
Steel Oil Can(Milk can-20lit capacity)	2017	1938	Good
Generator (Honda brand)	2018	45000	Good
Computer tables	2018	8600	Good
Reception table with granet top	2018	14955	Good
Executive chairs	2018	56000	Good

### 1.8. Details of SAC meeting conducted during 2020

Date	Number of Participants	Salient Recommendations	Action taken	Remarks, if any
05.11.2020	32	Proceedings enclosed	enclosed	-

## 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	Major Crops:- Maize, Bt-cotton, Minor millets, <i>Rabi</i> -Sorghum, Groundnut, Sunflower, Soybean, Redgram, Green gram, Bengal gram, Banana, Mango, Sapota, Arecanut, Flowers crops, Other Enterprises:- Dairy, Sheep, Goat, Poultry, Integrated farming system, Agri-silivi-horti-pasture, Silviculture etc.,

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

S. No	Agro-climatic Zone	Characteristics
1	Northern Transitional zone (Zone-8) & Hilly zone (Zone 9)	<ul style="list-style-type: none"> <li>Total geographical area is 4.85 lakh ha. Cultivated area is 3.86 lakh ha. of which 72,000 ha is irrigated (13.5%).</li> <li>Receives on an average 819 mm of rainfall annually mainly during June to October. The rainfall is received in two peaks (July &amp; September).</li> <li>Land holding pattern of the district is &lt; 1 ha (32,719 nos), 1-2 ha (60,095 nos), 2-4 ha (48,885 nos), 2-10 ha (19,613 nos) and &gt; 10 ha (2,649).</li> </ul>

S. No	Agro ecological situation	Characteristics						
1	Agro Ecological Sub Region (ICAR)	Deccan Plateau, Hot Semi-Arid Eco-Region (6.4)						
2	Agro-Climatic Region (Planning Commission)	Southern Plateau and Hills region (X)						
3	Agro Climatic Zone (NARP)	Northern Transition zone, Northern Dry zone (KA-8, KA-3)						
4	List all the districts or part thereof falling under the NARP Zone	Dharwad, Belgaum, Haveri						
5	Geographic coordinates of district	<table border="1" style="width: 100%;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> <th>Altitude</th> </tr> </thead> <tbody> <tr> <td>14 °47'59.85"N</td> <td>75°23'59.92"</td> <td>630m</td> </tr> </tbody> </table>	Latitude	Longitude	Altitude	14 °47'59.85"N	75°23'59.92"	630m
Latitude	Longitude	Altitude						
14 °47'59.85"N	75°23'59.92"	630m						
6	Name and address of the concerned ZRS/ ZARS/ RARS/ RRS/ RRTTS	Agricultural Research Station, Hanumanamatti – 581 135; Taluk & District: Haveri						
7	Mention the KVK located in the district	Krishi Vigyan Kendra Hanumanamatti - 581 135, Tq: Ranebennur, Dist.: Haveri						

### 2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Medium to deep black soils	Depth more than 4 ft Fertile soils	2,44,310
2.	Red Sandy loam Soils	Depth 1 to 2 ft Medium Fertile soils	2,28,340
3.	Red Shallow Soils	Depth less than 1 ft Poor fertile soils	21,760

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

S. No	Crop	Area (ha)	Production (Metric tons)	Productivity (kg /ha)
1.	Maize	1,43,000	7,15,000	5000
2.	Cotton	72,200	72,200	1000
3.	Rice	49,300	1,01,291	2050
4.	Groundnut	18,000	36,000	2000
5.	Chick pea	6,210	4220	680
6.	Sugarcane	6,000	6,00,000	100000
7.	Soybean	5,600	11,200	2000
8.	Pigeon pea	4,500	4,500	1000
9.	Green chilly	6880.30	79884.05	11610.54
10.	Arecanut	6408.69	8948.54	1396.31
11.	Onion	6245.91	125641.85	20115.85
12.	Mango	5600.04	47654.30	8509.63
13.	Banana	2263.57	65789.85	29064.64
14.	Cabbage	300	12000	40000

\* District statistical Dept, Haveri 2016-17

## 2.5. Weather data

-Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
January	0.0	29.8	19.8	53.9
February	0.0	30.3	22.1	62.3
March	0.0	34.2	22.3	64.2
April	0.2	37.6	22.1	60.3
May	168.8	36.1	22.5	60.85
June	101.0	31.0	-	72.35
July	128.0	29.4	-	74.6
August	102.6	28.1	-	77.9
September	163.6	29.4	-	76.1
October	185.9	30.0	-	73.4
November	1.4	31.0	-	68.65
December	0	30.3	17.1	65.5

\* IMD, Pune

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

Category	Population	Production	Productivity
<b>Cattle</b>			
<i>Crossbred</i>	56747	24000 tones	5.63 kg milk
<i>Indigenous</i>	235402	26000 tones	2.1 kg milk
<b>Buffalo</b>	113847	32000 tones	2.5 kg /animal/day
<b>Sheep</b>			
<i>Crossbred</i>	282	287 tones	Meat 14.63 kg/animal
<i>Indigenous</i>	317902		
<b>Goats</b>	150650	158 tones	Meat 14.24 kg/animal
<b>Pigs</b>			
<i>Crossbred</i>	-	-	-
<i>Indigenous</i>	6827	2 tones	Meat 22.5 kg/animal
<b>Rabbits</b>	250	-	-
<b>Poultry</b>			
Hens	698296	Eggs 436 lakh Meat 247 tones	Egg 238 /bird/year Egg 97 /Desi bird/year
<i>Desi</i>	56747	24000 tones	-
<i>Improved</i>	235402	26000 tones	-
Ducks	113847	32000 tones	-
Turkey and others	-	-	-

Category	Area	Production	Productivity
Fish	5605 ha WSA	6581.6 metric tone/ 4000ha	1.6 metric tone/ha
<i>Marine</i>	--	--	---
<i>Inland</i>	--	--	--
Prawn	--	---	--
Scampi	--	--	---
Shrimp	--	--	--

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

2.7 District profile maintained in the KVK has been Updated for 2020: **Yes**

## 2.8 Details of Operational area / Villages

Sl.No.	Taluk	Name of the block	Name of the village	How long the village is covered under operational area of the KVK (specify the years)	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Ranebennur	Ranebennur	Choudaiah danapur	2019-20	Maize, Cotton Sugarcane, Paddy, Poultry	<ul style="list-style-type: none"> <li>• Low crop yields</li> <li>• Micro nutrient deficiencies</li> <li>• Trash burning in Sugarcane</li> <li>• Pest incidence in major crops</li> <li>• Fodder scarcity</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Crop Management</li> <li>• Integrated Nutrient Management</li> <li>• Trash management</li> <li>• Weed management</li> <li>• Introduction of high yielding fodder variety</li> </ul>
2	Hanagal	Hanagal	Shigihalli	2019-20	Sugarcane Paddy, Soybean, Green gram, Sheep and Goat	<ul style="list-style-type: none"> <li>• Incidence of pest and foliar diseases</li> <li>• Nutrient deficiency</li> <li>• Trash burning in Sugarcane</li> <li>• Use of local variety of greengram</li> <li>• Low body wt</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Crop Management</li> <li>• Integrated Nutrient Management</li> <li>• Trash management <ul style="list-style-type: none"> <li>• Live stock Nutrition management</li> </ul> </li> </ul>
3	Savanur	Savanur	Baradur	2019-20	Soybean, Cotton, Maize, Groundnut	<ul style="list-style-type: none"> <li>• Use of local variety</li> <li>• Nutrient deficiency</li> <li>• Pest diseases incidence</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction of new variety</li> <li>• Integrated Crop Management</li> <li>• Integrated Nutrient Management</li> </ul>
4	Hirekerur	Hirekerur	Yadagodi	2019-20	Banana, Cotton, Maize, Onion, Sunflower, Dairy animals	<ul style="list-style-type: none"> <li>• Use of local variety</li> <li>• Nutrient deficiency</li> <li>• Pest diseases incidence</li> <li>• Fodder scarcity</li> <li>• Underutilized form pound</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction of new variety</li> <li>• Integrated Crop Management</li> <li>• Integrated Nutrient Management</li> <li>• Introduction of high yielding fodder variety</li> <li>• Composite fish culture</li> </ul>
5	Shiggaon	Shiggaon	Bishetikoppa	2019-20	Cotton, Groundnut, Maize, Paddy	<ul style="list-style-type: none"> <li>• Use of local variety</li> <li>• Nutrient deficiency</li> <li>• Pest diseases incidence</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction of new variety</li> <li>• Integrated Crop Management</li> <li>• Integrated Nutrient Management</li> </ul>

## 2.8 Details of Benchmark Information collected from DFI villages

Sl.No.	Taluk	Name of the block	Name of the village	Name of the Head of Household	Annual Gross Income (Rs.)	Annual Expenditure (Rs.)
1	Shiggoan	Shiggoan	Bishettikoppa	Neelappa Upadya	35500	13600
2	Shiggoan	Shiggoan	Bishettikoppa	Shivanad	38500	13200
3	Shiggoan	Shiggoan	Bishettikoppa	Dharmanna	31500	11000
4	Shiggoan	Shiggoan	Bishettikoppa	Ningappa Kurubar	136500	102500
5	Shiggoan	Shiggoan	Bishettikoppa	Shivappa Kurubar	96500	70000
6	Shiggoan	Shiggoan	Bishettikoppa	Myalarappa	36500	16000
7	Shiggoan	Shiggoan	Bishettikoppa	Parashappa Manjappanavar	130500	85000
8	Shiggoan	Shiggoan	Bishettikoppa	Yallappa Manjappanavar	106500	63000
9	Shiggoan	Shiggoan	Bishettikoppa	Shivappa Upadya	326500	213000
10	Shiggoan	Shiggoan	Bishettikoppa	Suresh Upadya	136500	30000
11	Shiggoan	Shiggoan	Bishettikoppa	Muttavva Valikar	76500	14000
12	Shiggoan	Shiggoan	Bishettikoppa	Neelakantagouda Patil	156500	82000
13	Shiggoan	Shiggoan	Bishettikoppa	Ningappa Gurubur	79500	35000
14	Shiggoan	Shiggoan	Bishettikoppa	Ningappa Maluru	223500	107000
15	Shiggoan	Shiggoan	Bishettikoppa	Eshwaragouda Patil	76500	33500
16	Shiggoan	Shiggoan	Bishettikoppa	Fakkirappa Dharmanavar	726500	181000
17	Shiggoan	Shiggoan	Bishettikoppa	Veeranagouda Patil	121500	85000
18	Shiggoan	Shiggoan	Bishettikoppa	Mallappa Valikar	91500	55000
19	Shiggoan	Shiggoan	Bishettikoppa	Ningappa Valikar	32500	11000
20	Shiggoan	Shiggoan	Bishettikoppa	Basvaraj	45500	10000
21	Shiggoan	Shiggoan	Bishettikoppa	Honnappa C	67000	59000
22	Shiggoan	Shiggoan	Bishettikoppa	Dyamavva Nikkamanavar	81500	16500
23	Shiggoan	Shiggoan	Bishettikoppa	Ashok Upadya	78500	28000



24	Shiggoan	Shiggoan	Bishettikoppa	Koteppagouda Patil	136500	103500
25	Shiggoan	Shiggoan	Bishettikoppa	Mylarappa Upadya	82000	13500
26	Shiggoan	Shiggoan	Bishettikoppa	Sureshapp Upadya	186500	29000
27	Shiggoan	Shiggoan	Bishettikoppa	Fakkirappa Kubasad	80500	45000
28	Shiggoan	Shiggoan	Bishettikoppa	Erappa Kubasad	68500	48000
29	Shiggoan	Shiggoan	Bishettikoppa	Channabasappa Ganiger	176500	71500
30	Shiggoan	Shiggoan	Bishettikoppa	Dyamanna Ganiger	166500	71500
31	Shiggoan	Shiggoan	Bishettikoppa	Basappa Manjappanavar	68500	33000
32	Shiggoan	Shiggoan	Bishettikoppa	Jagadeesh Kubasad	71500	25500
33	Shiggoan	Shiggoan	Bishettikoppa	Hanumanthappa Valikar	30500	10500
34	Shiggoan	Shiggoan	Bishettikoppa	Shekarappa Valikar	51500	15000
35	Shiggoan	Shiggoan	Bishettikoppa	Ningappa	61500	35000
36	Shiggoan	Shiggoan	Bishettikoppa	Hanumanthappa Kubusad	24500	7000
37	Shiggoan	Shiggoan	Bishettikoppa	Ramanna	91500	63000
38	Shiggoan	Shiggoan	Bishettikoppa	Umeshgouda Patil	146500	105000
39	Shiggoan	Shiggoan	Bishettikoppa	Yallappa Muttannanavar	141500	76200
40	Shiggoan	Shiggoan	Bishettikoppa	Shivabasappa Tambur	51500	25000
41	Shiggoan	Shiggoan	Bishettikoppa	Revappa Kubusad	48500	28000
42	Shiggoan	Shiggoan	Bishettikoppa	Hanumanthappa Dollina	31500	12500
43	Shiggoan	Shiggoan	Bishettikoppa	Arkappa	33000	10600
44	Shiggoan	Shiggoan	Bishettikoppa	Nagaraj Kattimani	30500	11000
45	Shiggoan	Shiggoan	Bishettikoppa	Yallavva Jadavva	104500	49000
46	Shiggoan	Shiggoan	Bishettikoppa	Fakkirappa Valikar	31500	11600
47	Shiggoan	Shiggoan	Bishettikoppa	Laxmanagouda Patil	126500	101000
48	Shiggoan	Shiggoan	Bishettikoppa	Gurushantappa Bujagannanavar	41500	18500
49	Shiggoan	Shiggoan	Bishettikoppa	Nagappa Kubusad	40500	13500

50	Shiggoan	Shiggoan	Bishettikoppa	Jagadeesh mallut	88500	49000
51	Ranebennur	Ranebennur	choudayyadanapura	Basavaraj Belavatagi Mata	400000	75000
52	Ranebennur	Ranebennur	choudayyadanapura	Marikeppa Chkrasali	90000	56000
53	Ranebennur	Ranebennur	choudayyadanapura	Chandrappa Tahasildar	78000	28500
54	Ranebennur	Ranebennur	choudayyadanapura	Channaveerappa Kaganur	105000	17500
55	Ranebennur	Ranebennur	choudayyadanapura	Nagappa Dalawayi	130000	10000
56	Ranebennur	Ranebennur	choudayyadanapura	Rajashekhar Akkur	132000	120050
57	Ranebennur	Ranebennur	choudayyadanapura	Shantaveerayya Poojar	686500	69000
58	Ranebennur	Ranebennur	choudayyadanapura	Nagaraj Uppin	55000	14500
59	Ranebennur	Ranebennur	choudayyadanapura	Fakkiravva	60000	25000
60	Ranebennur	Ranebennur	choudayyadanapura	Birappa Hadapad	40000	18000
61	Ranebennur	Ranebennur	choudayyadanapura	Chandrappa Dalawayi	11000	6000
62	Ranebennur	Ranebennur	choudayyadanapura	Puttappa Bannimatti	75000	19500
63	Ranebennur	Ranebennur	choudayyadanapura	Baramappa Dalawayi	55000	42000
64	Ranebennur	Ranebennur	choudayyadanapura	Eshappa Benimatti	70000	100000
65	Ranebennur	Ranebennur	choudayyadanapura	Kuberappa Kambli	165000	57000
66	Ranebennur	Ranebennur	choudayyadanapura	Ningappa Kontagoneppanavar	100000	59000
67	Ranebennur	Ranebennur	choudayyadanapura	Ningappa Malidar	11000	10000
68	Ranebennur	Ranebennur	choudayyadanapura	Chandrakanth Hakur	7000	5000
69	Ranebennur	Ranebennur	choudayyadanapura	Kuberappa Kambali	5000	3000
70	Ranebennur	Ranebennur	choudayyadanapura	Sannakarihalappa Kambali	10000	8000
71	Ranebennur	Ranebennur	choudayyadanapura	Lakshman Dipavali	30000	17000
72	Ranebennur	Ranebennur	choudayyadanapura	Mallamma Kambali	15000	14000
73	Ranebennur	Ranebennur	choudayyadanapura	Vijayakumar Bannimatti	150000	90000
74	Ranebennur	Ranebennur	choudayyadanapura	Mallikarjun Dipavali	10000	20000
75	Ranebennur	Ranebennur	choudayyadanapura	Nagappa Kuber	200000	100000

76	Ranebennur	Ranebennur	choudayyadanapura	Nagappa Patil	135000	80000
77	Ranebennur	Ranebennur	choudayyadanapura	Rajashekhar Akkur	35000	27000
78	Ranebennur	Ranebennur	choudayyadanapura	Kariyappa Kambali	10000	10000
79	Ranebennur	Ranebennur	choudayyadanapura	Madiyallappa Bhattad	200000	71000
80	Ranebennur	Ranebennur	choudayyadanapura	Veerappa Anishetru	42000	24000
81	Ranebennur	Ranebennur	choudayyadanapura	Ningaraj Bannimatti	19000	7500
82	Ranebennur	Ranebennur	choudayyadanapura	Eranna Gangammanvar	10000	16000
83	Ranebennur	Ranebennur	choudayyadanapura	Karabasappa Gangammanavar	25000	18000
84	Ranebennur	Ranebennur	choudayyadanapura	Shantappa Enasime	20000	19000
85	Ranebennur	Ranebennur	choudayyadanapura	Rudrappa Akkur	45000	27000
86	Ranebennur	Ranebennur	choudayyadanapura	Tippeswamy Malladad	43000	45500
87	Ranebennur	Ranebennur	choudayyadanapura	Nagappa Karegar	24000	18000
88	Ranebennur	Ranebennur	choudayyadanapura	Raghavendra Telakar	16000	27500
89	Ranebennur	Ranebennur	choudayyadanapura	Veeresh Guttal	428000	34000
90	Ranebennur	Ranebennur	choudayyadanapura	Miriya sab Itani	14000	11000
91	Ranebennur	Ranebennur	choudayyadanapura	Chandru Haravi	240000	110000
92	Ranebennur	Ranebennur	choudayyadanapura	Nagaraj Bannimatti	70000	65000
93	Ranebennur	Ranebennur	choudayyadanapura	Basuraj Chakrasali	70000	57000
94	Ranebennur	Ranebennur	choudayyadanapura	Nagaraj Uppin	15000	22000
95	Ranebennur	Ranebennur	choudayyadanapura	Hanumanthappa Dipavali	94000	55000
96	Ranebennur	Ranebennur	choudayyadanapura	Satappa Bhattd	17000	23000
97	Ranebennur	Ranebennur	choudayyadanapura	Basavaraj Battad	225000	112000
98	Ranebennur	Ranebennur	choudayyadanapura	Soubhagya Vadeyar	20000	12000
99	Ranebennur	Ranebennur	choudayyadanapura	Rajgouda Patil	17000	22000
100	Ranebennur	Ranebennur	choudayyadanapura	Shanmukappa Angadi	55000	50000
101	Rattihalli	Rattihalli	Yadagodu	Siddanagouda Gangappanavar	165000	160000

102	Rattihalli	Rattihalli	Yadagodu	Madegouda Patil	187000	185000
103	Rattihalli	Rattihalli	Yadagodu	Manjappa Kurabar	259000	250000
104	Rattihalli	Rattihalli	Yadagodu	Hanumantappa Kakannavar	164200	100000
105	Rattihalli	Rattihalli	Yadagodu	Hanumanta Haveri	124000	112000
106	Rattihalli	Rattihalli	Yadagodu	Rudrappa Doddamani	149000	105000
107	Rattihalli	Rattihalli	Yadagodu	Doddappa Kurabar	115000	105000
108	Rattihalli	Rattihalli	Yadagodu	Malleshappa Haveri	155000	135000
109	Rattihalli	Rattihalli	Yadagodu	Basavaraj Haveri	140000	130000
110	Rattihalli	Rattihalli	Yadagodu	Shiddanagouda Gangappanavar	93200	100000
111	Rattihalli	Rattihalli	Yadagodu	Basanagouda Nagappanavar	65780	250000
112	Rattihalli	Rattihalli	Yadagodu	Sannagouda Shoramar	139000	107000
113	Rattihalli	Rattihalli	Yadagodu	Manjanagouda Majigoudru	187000	150000
114	Rattihalli	Rattihalli	Yadagodu	Viranagouda Majigoudar	60000	42000
115	Rattihalli	Rattihalli	Yadagodu	Hanumanthgouda Kademani	95000	80000
116	Rattihalli	Rattihalli	Yadagodu	Shirudrayya Matadh	200000	160000
117	Rattihalli	Rattihalli	Yadagodu	Bharamagouda Patil	268000	250000
118	Rattihalli	Rattihalli	Yadagodu	Mallikarjunayya Matadh	144000	130000
119	Rattihalli	Rattihalli	Yadagodu	Sadanadayya Matadh	130800	125000
120	Rattihalli	Rattihalli	Yadagodu	Siddalingayya Matadh	49000	40000
121	Rattihalli	Rattihalli	Yadagodu	Lokanagouda Gangappanavar	129000	120000
122	Rattihalli	Rattihalli	Yadagodu	Siddanagouda Siragmbi	574000	420000
123	Rattihalli	Rattihalli	Yadagodu	Virayya Brainapadamath	178000	117000
124	Rattihalli	Rattihalli	Yadagodu	Somanagouda Gangappanavar	178000	170000
125	Rattihalli	Rattihalli	Yadagodu	Naganagouda Gangappanavar	317000	215000
126	Rattihalli	Rattihalli	Yadagodu	Hemappa Uppar	95000	60000
127	Rattihalli	Rattihalli	Yadagodu	Vasanta Uppar	174000	130000

128	Rattihalli	Rattihalli	Yadagodu	Rudrayya Bairanapadamath	280000	150000
129	Rattihalli	Rattihalli	Yadagodu	Devendrappa Haveri	70000	50000
130	Rattihalli	Rattihalli	Yadagodu	Basavarajappa Kanakannanavar	180000	103000
131	Rattihalli	Rattihalli	Yadagodu	Chandrashekarayya Bairanapadamath	10000	109000
132	Rattihalli	Rattihalli	Yadagodu	Prakash Bairanapadamath	90000	88000
133	Rattihalli	Rattihalli	Yadagodu	Mallikarjuna Bairanapadamath	108000	95000
134	Rattihalli	Rattihalli	Yadagodu	Siddayya Matadh	54000	42000
135	Rattihalli	Rattihalli	Yadagodu	Rudramuni Bairanapadamath	30000	12500
136	Rattihalli	Rattihalli	Yadagodu	Halappa Neswi	200000	44000
137	Rattihalli	Rattihalli	Yadagodu	Gadyayya Matadh	143000	105000
138	Rattihalli	Rattihalli	Yadagodu	Irabasayya Bairanapadamath	150000	118000
139	Rattihalli	Rattihalli	Yadagodu	Yallappa Haveri	80000	52000
140	Rattihalli	Rattihalli	Yadagodu	Gadigeppa Pujar	603000	86000
141	Rattihalli	Rattihalli	Yadagodu	Shivaputrappa Bairanapadamath	86000	49500
142	Rattihalli	Rattihalli	Yadagodu	Nagappa Haveri	50000	41000
143	Rattihalli	Rattihalli	Yadagodu	Lokesh Madivalar	95000	73000
144	Rattihalli	Rattihalli	Yadagodu	Mallikarjunayya Bairanapadamath	285000	145000
145	Rattihalli	Rattihalli	Yadagodu	Nagaraj Madivalar	97000	97500
146	Rattihalli	Rattihalli	Yadagodu	Siddalugappa Kurabara	115000	110000
147	Rattihalli	Rattihalli	Yadagodu	Bharamagouda Gangappanavar	44000	37500
148	Rattihalli	Rattihalli	Yadagodu	Halayya Malebennur	50000	21500
149	Rattihalli	Rattihalli	Yadagodu	Nagappa Sappalli	280000	49000
150	Rattihalli	Rattihalli	Yadagodu	Karabasappa Kademani	325000	341000
151	Hangal	Hangal	shigihalli	Maruti Durigeppanavar	111600	90000
152	Hangal	Hangal	shigihalli	Sahadevappa Korakeri	78000	50000
153	Hangal	Hangal	shigihalli	Chennamma Soudatti	612500	375000

154	Hangal	Hangal	shigihalli	Parashuram Tippannanavar	18500	15000
155	Hangal	Hangal	shigihalli	Naganagouda Patil	50000	40000
156	Hangal	Hangal	shigihalli	Shanmukappa Channammanavar	15000	10000
157	Hangal	Hangal	shigihalli	Basanagouda Nilanagouda	42000	29500
158	Hangal	Hangal	shigihalli	Channaveeranna Benchalli	55000	40000
159	Hangal	Hangal	shigihalli	Basavanthappa GONKORI	101800	70000
160	Hangal	Hangal	shigihalli	Ramappa Gonkur	73000	60000
161	Hangal	Hangal	shigihalli	Basavanneppa Benchihalli	40000	30000
162	Hangal	Hangal	shigihalli	Ningappa Timmannanavar	93000	65000
163	Hangal	Hangal	shigihalli	Annapurna Hiremath	190000	80000
164	Hangal	Hangal	shigihalli	Prakash KORAKORE	120000	90000
165	Hangal	Hangal	shigihalli	Ramappa Shetasagani	90000	90000
166	Hangal	Hangal	shigihalli	Guddappa Hedmestri	240000	160000
167	Hangal	Hangal	shigihalli	Shobha Hiremath	190000	130000
168	Hangal	Hangal	shigihalli	Nagappa Sannamani	13200	12500
169	Hangal	Hangal	shigihalli	Basavaraj Hugar	80400	14400
170	Hangal	Hangal	shigihalli	Bhimappa Shetasonadi	11400	8500
171	Hangal	Hangal	shigihalli	Halappa Shethasanadi	11400	11000
172	Hangal	Hangal	shigihalli	Somanna Shethsanadi	132500	125000
173	Hangal	Hangal	shigihalli	Basappa Sannamani	126000	40000
174	Hangal	Hangal	shigihalli	Maralingappa Shahasanadi	123000	105000
175	Hangal	Hangal	shigihalli	Bharamappa Thimmanavar	78000	62000
176	Hangal	Hangal	shigihalli	Gouramma Thimmanavar	72000	68000
177	Hangal	Hangal	shigihalli	Goudappa Duragappanavar	108000	69000
178	Hangal	Hangal	shigihalli	Shanmukappa Patil	692000	487500
179	Hangal	Hangal	shigihalli	Nilappa Benchihalli	80000	100000

180	Hangal	Hangal	shigihalli	Nagappa Denappanavar	300000	202000
181	Hangal	Hangal	shigihalli	Shantappa Channammanavar	54000	53000
182	Hangal	Hangal	shigihalli	Channabasanagouda Patil	280000	185000
183	Hangal	Hangal	shigihalli	Yogendra Hugar	93000	88000
184	Hangal	Hangal	shigihalli	Chandrashekar Benchihalli	60000	48000
185	Hangal	Hangal	shigihalli	Neelappa Kabbur	40500	40000
186	Hangal	Hangal	shigihalli	Basavarajappa Basalingappa	66000	50000
187	Hangal	Hangal	shigihalli	Ashokappa Gokannanavar	186800	175000
188	Hangal	Hangal	shigihalli	Martandappa Hosamani	522000	350000
189	Hangal	Hangal	shigihalli	Basanagouda Patil	255000	186000
190	Hangal	Hangal	shigihalli	Naganagouda Patil	19500	19000
191	Hangal	Hangal	shigihalli	Parashuram Benchihalli	90000	130000
192	Hangal	Hangal	shigihalli	Ningappa Benchihalli	25000	23000
193	Hangal	Hangal	shigihalli	Shivalingappa Bannihalli	65000	51000
194	Hangal	Hangal	shigihalli	Shivaputrappa Sannamani	230000	205000
195	Hangal	Hangal	shigihalli	Veerupakshappa Marikenchannanavar	22500	19300
196	Hangal	Hangal	shigihalli	Fakkirappa Kereyavar	10000	12400
197	Hangal	Hangal	shigihalli	Subhas Kereyavar	115000	7200
198	Hangal	Hangal	shigihalli	Channabasanagouda Patil	20000	14400
199	Hangal	Hangal	shigihalli	Mallappa Hadarageri	27000	193000
200	Hangal	Hangal	shigihalli	Shivangouda Patil	55000	20200
201	Savanur	Savanur	Baradur	Basappa Bhimaji	175000	80000
202	Savanur	Savanur	Baradur	Shankrappa Haralipura	30000	162000
203	Savanur	Savanur	Baradur	Chandrashekharayya Gundurumath	13200	55000
204	Savanur	Savanur	Baradur	Adivappa Begadi	60000	245000
205	Savanur	Savanur	Baradur	Shankrappa Bhimaji	20000	135000

206	Savanur	Savanur	Baradur	Shankrappa Bhegadi	25000	16700
207	Savanur	Savanur	Baradur	Basalingappa Mudigannanavar	70000	35000
208	Savanur	Savanur	Baradur	Bhimajja Tagginahalli	25000	49000
209	Savanur	Savanur	Baradur	Guddappa Thalawar	5000	68000
210	Savanur	Savanur	Baradur	Ravi Bhimaji	100000	59000
211	Savanur	Savanur	Baradur	Shivayya hucchayyanavar	35000	37000
212	Savanur	Savanur	Baradur	Bhemappa Talawar	115000	127000
213	Savanur	Savanur	Baradur	Shivakka Bhegari	90000	45000
214	Savanur	Savanur	Baradur	Drakshayanamma Hiremath	50000	145000
215	Savanur	Savanur	Baradur	Rudragouda Patil	70000	35000
216	Savanur	Savanur	Baradur	Ningappa Sullalli	67000	70000
217	Savanur	Savanur	Baradur	Basavaraj Byagari	220000	120000
218	Savanur	Savanur	Baradur	Shankrappa Bhagari	310000	130000
219	Savanur	Savanur	Baradur	Suresh Talawar	80000	35000
220	Savanur	Savanur	Baradur	Yallappa Tegginahalli	82000	40000
221	Savanur	Savanur	Baradur	Naganagouda Patil	165000	85000
222	Savanur	Savanur	Baradur	Basavannayya Hiremath	180000	45000
223	Savanur	Savanur	Baradur	Manteshappa Talawar	75000	35000
224	Savanur	Savanur	Baradur	Bharamanagouda Patil	166000	175000
225	Savanur	Savanur	Baradur	Rajanikanth Haravi	95000	105000
226	Savanur	Savanur	Baradur	ShANKRAPPa Holasur	60000	37500
227	Savanur	Savanur	Baradur	Ashok Tegginahalli	205000	80000
228	Savanur	Savanur	Baradur	Shambu Bhimaji	135000	105000
229	Savanur	Savanur	Baradur	Shekappa Bhimaji	110000	87000
230	Savanur	Savanur	Baradur	Manju Tegginahalli	130000	45000
231	Savanur	Savanur	Baradur	Eshwarappa Hadapad	85000	75000



232	Savanur	Savanur	Baradur	Channbasanagouda Patil	250000	131000
233	Savanur	Savanur	Baradur	Veeranagouda Patil	83000	87000
234	Savanur	Savanur	Baradur	Basavaraj Haralapura	190000	105000
235	Savanur	Savanur	Baradur	Mallarappa Hadapada	85000	75000
236	Savanur	Savanur	Baradur	Ramappa Bhimaji	35000	82000
237	Savanur	Savanur	Baradur	Shivappa Hosapete	80000	60000
238	Savanur	Savanur	Baradur	Devendrappa Haralapura	93000	180000
239	Savanur	Savanur	Baradur	Sharanappa Haralapura	220000	180000
240	Savanur	Savanur	Baradur	Nagaraj Hosapete	150000	65000
241	Savanur	Savanur	Baradur	Fakkirappa Hosapete	160000	122000
242	Savanur	Savanur	Baradur	Shankrappa Haralapura	85000	180000
243	Savanur	Savanur	Baradur	Shivappa Pujar	78000	67000
244	Savanur	Savanur	Baradur	Rajaseb Shetunari	85000	60000
245	Savanur	Savanur	Baradur	Sharif Shetasanadi	80000	50000
246	Savanur	Savanur	Baradur	Shivappa Karjagi	110000	170000
247	Savanur	Savanur	Baradur	Husensab Shetasanadi	115000	65000
248	Savanur	Savanur	Baradur	Santhosh Mellalli	340000	180000
249	Savanur	Savanur	Baradur	Ningappa Koti	123000	105000
250	Savanur	Savanur	Baradur	Eshwarappa Hadawad	200000	115000

## 2.10 Priority thrust areas

S. No	Major Thrust area
1.	Integrated crop management (Soil fertility management, Pest and diseases management, weed management) in Maize, Bt-Cotton, Pulses, Paddy and Sugarcane.
2.	Trash management in sugarcane
3.	Integrated pest and disease management in Mango, Chilli, Cabbage, Onion, Betelvine, Ginger, Banana and Mulberry
4.	Fodder scarcity and Animal nutrition management
5.	Drudgery reduction in Groundnut, Maize, Bengalgram, Millets and Redgram
6.	Processing and value addition in Millets
7.	Food security through Terrace garden and Nutrition garden
8.	Promotional organic farming

### PART III - TECHNICAL ACHIEVEMENTS (2020)

#### 3.A. Target and Achievements of mandatory activities

OFT				FLD			
1				2			
OFTs (No.)		Farmers (No.)		FLDs (No.)		Farmers (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
09	09	29	29	17	17	140	140

Training				Extension Programmes			
3				4			
Courses (No.)		Participants (No.)		Programmes (No.)		Participants (No.)	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
90	97	2300	2533	2800	3678	5500	5816

Seed Production (Q)		Planting material (Nos.)	
5		6	
Target	Achievement	Target	Achievement
Redgram (BSMR-736) -20q	10.5	Sapota (DHS-1&2) - 1000	926
Sorghum (SPV-2217) -10q	4.0	Curry leaf (Suvasini) - 2000	3488
Foxtail millet (Dhft-109-3) – 20q	7.0	Tamarind (Local) – 1000	415
Little millet (Dhlm-36-3) – 10q	1.15	Drumstick (Bhagya and PKM-1) – 1000	4254
Sunhemp (Local) – 25q	19.2	Guava (L-49) – 1000	362
Barnyard millet (Dhbm-93-2) – 20q	5.0	Lime (Local) - 1500	150
Finger millet (Dhfm-78-3) – 15q	1.8	-	-

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
Deccani Sheep 12	10	Trichoderma 1000	819 kg
HF-Crossbred -08	06	PSB 400	69 kg

#### 3.B1. Abstract of interventions undertaken

S. No	Thrust area	Crop/Enterprise	Identified Problem	Interventions											
				Title of OFT if any	Title of FLD if any	Number of Training (farmers)	Number of Training (Youths)	Number of Training (extension personnel)	Extension activities (No.)	Supply of seeds (Qtl.)	Supply of planting materials (No.)	Supply of livestock (No.)	Supply of bio products No. Kg		
1	Varietal evaluation	Groundnut	•Non availability short duration varieties use of local variety	Assessment of groundnut varieties for short duration and higher productivity	-	-	-	-	-	-	1.5	-	-	-	-
2	Varietal evaluation	Greengram	Non availability high yielding varieties in kharif use of local variety	Assessment of greengram variety kkm-3 for higher yield	-	-	-	-	-	-	0.18	-	-	-	-

3	Organic farming	Sugarcane	<ul style="list-style-type: none"> <li>•High cost on fertilizers</li> <li>•Low organic matter due to burning of trash/residues (50-70%)</li> </ul> <p>Current yield : 75-100 t/ha Potential yield: 170-200 t/ha Reasons for yield gap: Disease incidence</p>	Assessment of compost culture for management of sugarcane trash	-	01	-	-	-	-	-	-	03	03
4	Varietal evaluation	Paddy	<ul style="list-style-type: none"> <li>•Non availability short duration varieties</li> </ul>	Assessment of paddy variety for northern transitional zone of haveri district	-	-	-	-	-	0.12	-	-	-	-
5	Nutrient management	Cotton	<ul style="list-style-type: none"> <li>Leaf reddening and square</li> <li>Low yield</li> </ul>	Assessment of cotton plus for enhancement of cotton yield	-	-	-	-	-	-	-	-	-	-
6	IDM	Banana	<ul style="list-style-type: none"> <li>•Incidence of disease</li> <li>•Low in yield</li> <li>•Poor quality</li> </ul>	Effective control of Panama wilt by using stem injection method to enhance yield in Banana	-	01	-	-	04	-	-	-	-	-
7	Organic farming	Cabbage	<ul style="list-style-type: none"> <li>•More use age of Fertilizer and pesticides</li> </ul>	Assessment of organic management of nutrients and pests in cabbage	-	01	-	-	-	-	-	-	03	03
8	IPM	Guava	<ul style="list-style-type: none"> <li>•Incidence of Tea mosquito bug(35-40%),</li> <li>• low fruit yield and market price</li> </ul>	Assessment of management practices for tea mosquito bug in guava	-	01	-	-	-	-	-	-	-	-

9	Varietal evaluation	Foxtail millet	<ul style="list-style-type: none"> <li>•Low yield (8 q/ha), Poor management practice</li> <li>•Lack of awareness on new varieties</li> <li>•Lack of awareness on processing &amp; value addition</li> </ul>	Assessment of foxtail millet varieties for higher yield under rainfed situation	-	-	-	-	-	0.15	-	-	03	1.5
10	ICM	Maize	<ul style="list-style-type: none"> <li>•Low Yield (18-20 q/ac)</li> <li>•FAW incidence</li> <li>•Micro nutrient deficiency</li> </ul>	-	Management of FAW and micronutrient in maize	02	-	-	-	-	-	-	10	05
11	Varietal evaluation	Rabi Sorghum	<ul style="list-style-type: none"> <li>•Low yield due to use of local variety</li> <li>•Lodging and poor fodder quality</li> </ul>	-	Demonstration of Rabi sorghum variety SPV-2217	02	-	01	03	0.3	-	-	10	5
12	ICM	Foxtail millet	<ul style="list-style-type: none"> <li>•Low yield</li> <li>•Lack of awareness about new variety</li> </ul>	-	Demonstration of Intercropping with Redgram + foxtail millet (1:3) for higher yield and income	01	-	-	-	0.60	-	-	10	5 kg
13	ICM	Little millet	<ul style="list-style-type: none"> <li>•Low yield</li> <li>•Lack of awareness about new variety</li> </ul>	-	Demonstration of Intercropping with Redgram + Little millet (1:2) for higher yield and income	01	-	-	-	0.60	-	-	10	5 kg

14	Varietal evaluation	Soybean	<ul style="list-style-type: none"> <li>•Use of local variety</li> <li>•No seed treatment</li> <li>•Poor nutrient management</li> <li>•Lack of knowledge pest and disease management</li> </ul>	-	Introduction of Soybean variety DSB – 21	02	-	-	-	2.5	-	-	10	05
15	IPDM	Sugarcane	<ul style="list-style-type: none"> <li>•Sucking pests and ESB</li> <li>•Red rot, Rust and leaf spot</li> </ul>	-	IPDM in Sugarcane	02	-	-	-	-	-	-	10	05
16	ICM	Maize	<ul style="list-style-type: none"> <li>•Low yield due to sole crop</li> <li>•Lack of awareness about new variety of Redgram</li> </ul>	-	Demonstration of Intercropping with Redgram + maize for higher yield and income	01	-	-	-	0.30	-	-	10	05
17	ICM	Maize	<ul style="list-style-type: none"> <li>•Low Yield (18-20 q/ac)</li> <li>•FAW incidence</li> <li>•Micro nutrient deficiency</li> </ul>	-	ICM in Maize with special emphasis on Soil test based nutrient management	02	-	-	-	-	-	-	-	-
18	Nutrient management	Soybean	<ul style="list-style-type: none"> <li>•Variety JS-335</li> <li>•Yield low</li> </ul>	-	Nutrient management in soybean	02	-	-	-	2.5	-	-	10	05
19	ICM	Bengalgram	<ul style="list-style-type: none"> <li>•Low yield</li> <li>•Improper nutrient management</li> </ul>	-	HYV of Bengalgram jaki-9218 and nutrient management	02	-	-	-	23.4	-	-	39	10
20	ICM	Green gram	<ul style="list-style-type: none"> <li>•Low Seeds yield</li> <li>•Improper nutrient management</li> </ul>	-	ICM in Green gram	03	01	-	03	5	-	-	10	5

21	ICM	Banana	Low yield (25 t/ha), Non availability of disease free planting material	-	Tissue culture planting material in elakki banana	02	-	-	04	-	1050	-	-	50
22	ICM	Chilli	Low yield, Chillimurda complex disease (30-35%), Flower and small fruit drop	-	ICM in green chilli	-	-	-	02	-	-	-	-	-
23	Precision farming	Tomato	Weed menace, Labor scarcity, Low yield, Incidence of sucking pest	-	Precision farming in tomato	01	-	-	06	-	-	-	-	-
24	Fodder	Fodder	Scarcity of green fodder, Low milk yield and low quality milk	-	Demonstration on improved varieties Fodder crops and fodder tree	02	-	-	05	0.15	-	-	-	-
25	Dairy animals	Dairy animals	Repeat breeding  Increase in the inter-calving period  Anoestrus or delayed heat due to nutritional deficiency  Unawareness of Hormonal treatment	-	Demonstration on management of Repeat breeding in dairy animals	01	-	-	07	-	-	-	-	-

26	Sheep and goat	Sheep and goat	Incidence of viral, bacterial and parasitic diseases, reduced growth & productivity	-	Demonstration of Integrated health management in sheep and goat	01	01	-	05	-	-	-	-	-
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### 3.B2. Details of technology used during reporting period

S.No	Title of Technology	Source of technology	Crop/enterprise	No. of programmes conducted			
				OFT	FLD	Training	Others (Specify)
1	2	3	4	5	6	7	8
1	Assessment of groundnut varieties for short duration and higher productivity	UAS Dharwad MPKV, Rahuri	Groundnut	01	-	-	Group discussion-01, Method demonstration-01 Field visit-02
2	Assessment of Greengram Varieties KKM-3 for higher yield	UAHS Shivamogga UAS Dharwad	Greengram	01	-	-	Group discussion-01 Field visit-03
3	Assessment of compost culture for the management of Sugarcane trash	UAS, Dharwad NRCB	Sugarcane	01	-	-	Group discussion-01, Method demonstration-02 Field visit-03
4	Assessment of Paddy varieties for Northern transitional Zone of Haveri	UAS, Raichur UAS, Dharwad	Paddy	01	-	-	Method demonstration-01 Field visit-02
5	Assessment of Foxtail millet varieties for higher yield under rainfed situation	UAS, Dharwad UAS, Raichur	Foxtail millet	01	-	-	Group discussion 01, Field visit-03
6	Use of Cotton PLUS to enhance yield of Cotton	UAS, Dharwad TNAU, Tamil Nadu	Cotton	01	-	-	Group discussion 01, Field visit-02
7	Organic management of nutrients, pests and diseases in Cabbage	UHS, Bagalkot IIHR, eOrganic.com	Cabbage	01	-	-	Group discussion 01, Field visit-03 Method demonstration-03
8	Assessment of Management strategies for Tea Mosquito bug in Guava	UHS, Bagalkote IIHR, Bangalore	Guava	01	-	-	Group discussion 01, Field visit-03
9	Effective control of Panama wilt by using stem injection method to enhance yield in Banana	UHS, Bagalkot UAS Dharwad	Banana	01	-	01	Group discussion-01, Method demonstration-03
10	Demonstration of Intercropping with Redgram + Little millet millet (1:3) for higher yield and income	UAS Dharwad	Redgram + Little millet millet	-	01	01	Group discussion-02, Method demonstration-01
11	Demonstration of Intercropping with Redgram + foxtail millet (1:3) for higher yield and income	UAS Dharwad	Redgram + foxtail millet	-	01	01	Group discussion-02, Method demonstration-01
12	Demonstration of Intercropping with Redgram + Maize millet (1:3) for higher yield and income	UAS Dharwad	Redgram + Maize	-	01	01	Group discussion-02, Method demonstration-01
13	Demonstration of <i>Rabi</i> sorghum variety SPV-2217	UAS Dharwad	<i>Rabi</i> sorghum	-	01	02	Group discussion 01, Field visit-03
14	Integrated crop management in Green gram	UAS Dharwad	Green gram	-	01	01	Group discussion 01, Method demonstration-01 Field visit-03
15	ICM in maize with special emphasis on soil test based nutrient management	UAS Dharwad	Maize	-	01	02	Group discussion 01, Field visit-02
16	Demonstration of HYV of Soybean DSb-21 and nutrient management	UAS Dharwad	Soybean	-	01	01	Group discussion 01, Field visit-02 Method demonstration-01

17	Demonstration of HYV of Bengalgram Jaki- 9218 and nutrient management	UAS Dharwad	Bengalgram	-	01	03	Group discussion 01, Field visit-03 Method demonstration-01
18	Management of FAW and micronutrient in maize	UAS Dharwad	Maize	-	01	01	Group discussion 01, Field visit-02
19	Demonstration of soybean variety DSb-21	UAS Dharwad	Soybean	-	01	02	Group discussion 01, Field visit-03 Method demonstration-01
20	Integrated Pest and Disease Management in Sugarcane	UAS Dharwad	Sugarcane	-	01	02	Group discussion 01, Field visit-02 Method demonstration-01
21	Precision farming in tomato	IHR, Bengaluru	Tomato	-	01	01	Group discussion-1, Method demonstration-02 Field Day-01
22	ICM in green chilli	IHR, Bengaluru	Green chilli	-	01	01	Group discussion-1, Method demonstration-01
23	Tissue culture planting material in elakki banana	IHR, Bengaluru	Banana	-	01	02	Group discussion-1, Method demonstration-02
24	Demonstration on improved varieties Fodder crops and fodder tree	IGFRI Dharwad, TNAU Coimbatore	COFS-31, Hedge Lucerne, Sesbenia	-	01	02	Group discussion-02, Method demonstration-01
25	Demonstration on management of Repeat breeding in dairy animals	KVAFSU, Bidar	-	-	01	02	Group discussion-01, Method demonstration-02
26	Demonstration of Integrated health management in sheep and goat	KVAFSU, Bidar	-	-	01	02	Group discussion-01, Method demonstration-01



## 3.B2 contd..

No. of farmers covered															
OFT				FLD				Training				Others (Specify) / Method demonstration			
General		SC/ST		General		SC/ST		General		SC/ST		General		SC/ST	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
02	01	-	-	-	-	-	-	-	-	-	-	02	01	-	-
03	-	-	-	-	-	-	-	-	-	-	-	03	-	-	-
03	-	-	-	-	-	-	-	14	-	03	-	07	-	01	-
-	-	-	-	08	-	02	-	15	-	02	-	02	-	-	-
-	-	-	-	09	-	01	-	20	-	02	-	-	-	-	-
-	-	-	-	08	01	01	-	22	-	03	-	-	-	-	-
-	-	-	-	10	-	-	-	20	-	04	-	-	-	-	-
-	-	-	-	10	-	-	-	40	-	10	-	10	-	05	-
-	-	-	-	10	-	-	-	25	-	05	-	-	-	-	-
-	-	-	-	10	-	-	-	30	-	10	-	10	-	05	-
-	-	-	-	10	-	-	-	45	-	15	-	05	-	05	-
-	-	-	-	10	-	-	-	15	-	05	-	-	-	-	-
-	-	-	-	10	-	-	-	20	-	10	-	05	-	05	-
-	-	-	-	10	-	-	-	10	-	05	-	-	-	-	-
-	-	-	-	05	-	-	-	-	-	-	-	04	-	02	-
-	-	-	-	05	-	-	-	-	-	-	-	04	-	02	-
-	-	-	-	05	-	-	-	43	-	03	-	07	-	05	-
-	-	-	-	05	-	-	-	35	03	01	-	07	01	01	-
-	-	-	-	04	-	01	-	19	02	01	-	08	02	01	01
-	-	-	-	05	-	-	-	22	01	01	-	06	01	01	-



Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-	-	-	-	-	-
Storage Technique	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-

#### 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	-	-	-	-	-	-
<b>TOTAL</b>	-	-	-	-	-	-

#### 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	-	-	-	-	-	-
<b>TOTAL</b>	-	-	-	-	-	-

## 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 farms	Area in ha (Per trial covering all Technological Options in a farm)
Integrated Nutrient Management	Cotton	Assessment of cotton plus for enhancement of cotton yield	03	03	1.2
	Sugarcane	Assessment of compost culture for management of sugarcane trash	03	03	1.2
Varietal Evaluation	Groundnut	Assessment of groundnut varieties for short duration and higher productivity	03	03	1.2
	Greengram	Assessment of greengram variety kkm-3 for higher yield	03	03	1.2
	Paddy	Assessment of paddy variety for northern transitional zone of haveri district	03	03	1.2
	Foxtail millet	Assessment of foxtail millet varieties for higher yield under rainfed situation	03	03	1.2
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Integrated Pest Management	Cabbage	Assessment of organic management of nutrients and pests in cabbage	03	03	1.2
	Guava	Assessment of management practices for tea mosquito bug in guava	03	03	1.00
Integrated Crop Management	-	-	-	-	-
	-	-	-	-	-
Integrated Disease Management	Banana	Assessment of stem injection method in banana for control of panama wilt	03	03	1.2
	-	-	-	-	-
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	-	-	-	-	-
	-	-	-	-	-
<b>Total</b>			27	27	10.6

#### 4.B.2. Technologies Refined under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trial covering all Technological Options in a farm)
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	-	-	-	-	-
	-	-	-	-	-
<b>Total</b>	-	-	-	-	-

#### 4.B.3. Technologies assessed under Livestock : 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	-	-	-	-
<b>Total</b>			-	-

**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	-	-	-	-
<b>Total</b>	-	-	-	-

**4.B.5. Technologies assessed under various enterprises by KVKs : Nil**

Sl.	Thematic areas	Name of the enterprise	Name of technology(s)	No. of trials	No. of locations
1	Drudgery reduction	-	-	-	-
2	Entrepreneurship Development	-	-	-	-
3	Health and nutrition	-	-	-	-
4	Processing and value addition	-	-	-	-
5	Energy conservation	-	-	-	-
6	Small-scale income generation	-	-	-	-
7	Storage techniques	-	-	-	-
8	Household food security	-	-	-	-
9	Organic farming	-	-	-	-
10	Agroforestry management	-	-	-	-
11	Mechanization	-	-	-	-
12	Resource conservation technology	-	-	-	-
13	Value Addition	-	-	-	-
14	Others	-	-	-	-

**4.B.6. Technologies assessed under various enterprises for women empowerment : Nil**

Sl.	Thematic areas	Name of enterprise	Name of technology(s)	No. of trials	No. of locations
1	Drudgery Reduction	-	-	-	-
2	Entrepreneurship Development	-	-	-	-
3	Health and Nutrition	-	-	-	-
4	Value Addition	-	-	-	-
5	Women Empowerment	-	-	-	-
6	Others(Home science)	-	-	-	-
		-	-	-	-

## 4.C1. Results of Technologies Assessed

Crop/enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Source of technology	Yield	Unit of yield	Observations other than yield	Gross Return Rs. / unit	Net Return Rs. / unit	BC Ratio (Gross income/ Gross Cost)	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Greengram	Rainfed	Non availability high yielding varieties in kharif	Assessment of Greengram Varieties KKM-3 for higher yield	03	T.O.1 (Farmers practice)	-	5.90	q/ha	Duration (days) 75-80	No. pods/plant 19.00	35999/-	16490/-	1.85
					T.O.2: KKM 3	UAHS, Shivamogga	7.05	q/ha	60-65	22.83	43005/-	20325/-	1.90
					T.O.3:DG GV2	UAS, Dharwad	6.75	q/ha	65-70	22.33	41175/-	18495/-	1.82
Groundnut	Rainfed	Non availability short duration varieties in kharif	Assessment of groundnut varieties for short duration and higher productivity	03	T.O.1 (Farmers practice)	-	18.00	q/ha	No. pods/plant 21.00	Disease Incidence (%) 14.00	90000/-	56375/-	2.68
					T.O.2: G2 52	UAS, Dharwad	25.67	q/ha	28.00	6.5	128333/-	89863/-	3.34
					T.O.3:JL-1085	MPKV, Rahuri	26.83	q/ha	28.33	6.33	134167/-	95697/-	3.49
Banana (2019-20)	Irrigated	Panama wilt disease, low yield	Effective control of Panama wilt by using stem injection method to enhance yield in Banana	03	T.O.1	Farmers practice	22.70	ton/ha	Wilt index (%) 35.56		431300 Rs/ha	267400 Rs/ha	2.63
					T.O.2 (Drenching with copper Oxochloride @ 3 gm/ liter of water)	UHS, Bagalkot	25.82	ton/ha	21.47		490580 Rs/ha	320780 Rs/ha	2.88
					T.O.3 (Stem injection with 3 gm of carbendazim + 3 gm of copper oxochloride + 3 gm of boric acid per liter of water)	UAS, Dharwad	29.40	ton/ha	16.82		5,58,600 Rs/ha	385600 Rs/ha	3.22
Banana (2020-21)	Irrigated	Panama wilt disease, low yield	Effective control of Panama wilt by using stem injection method to enhance yield in Banana	03	T.O.1	Farmers practice			<u>Under progress</u>				
					T.O.2 (Drenching with copper Oxochloride @ 3 gm/ liter of water)	UHS, Bagalkot			<u>Under progress</u>				
					T.O.3 (Stem injection with 3 gm of carbendazim + 3 gm of copper oxochloride + 3 gm of boric acid per liter of water)	UAS, Dharwad			<u>Under progress</u>				

Chilli (2019-20)	Irrigated	Lack of knowledge on improved hybrids, Incidence of pest and diseases Low yield	Assessment of chilli hybrids for yield potential, disease & pest resistance	03	TO1:	Farmers practice	21.86	ton/ha	Leaf curl disease incidence (%) 15.40	262320	175720	3.02
					TO2 : KBCH-1	UAS, Bangalore	25.75	ton/ha	13.64	309000	219800	3.46
					TO3 :Arka Meghana	IIHR, Bangalore	27.20	ton/ha	12.58	326400	238400	3.70
Foftail millet	Rainfed	Low yield (8 q/ha), Poor management practice Lack of awareness on new varieties	Assessment of Foftail millet varieties for higher yield under rainfed situation	03	TO1 Farmer practices	-	8.50	Qt/h	Plant height (cm) – 70.5 Panicle length (cm) – 10.2 Weight/Panicle (g) – 6.8	22,100	12,600	2.52
					TO2 DHFt-109-3	UAS, Dharwad	15.20	Qt/h	Plant height (cm) - 104.2 Panicle length (cm) -19.2 Weight/Panicle (g) -8.9	39,250	29,500	4.04
					TO3 H N-46	UAS, Raichur	16.25	Qt/h	Plant height (cm) - 107.5 Panicle length (cm) – 21.2 Weight/Panicle (g)-9.2	42,250	32,500	4.33
Sugar cane	Irrigated	<ul style="list-style-type: none"> <li>High cost on fertilizers</li> <li>Low organic matter due to burning of trash/residues (50-70%)</li> <li>Current yield : 75-100 t/ha</li> <li>Potential yield: 170-200 t/ha</li> <li>Reasons for yield gap: Disease incidence</li> </ul>	Assessment of compost culture for the management of Sugarcane trash	03	TO1: Burning of trash/residue (Farmers Practice)	-	-	-	-	-	-	
					TO2 : Retention of residue & appln. of compost culture @6 kg/Ac.	UAS,Dharwad	-	-	<u>Under progress</u>	-	-	-
					TO3 : Retention of residue + appln. of liquid decomposer	NRCB	-	-	<u>Under progress</u>	-	-	-
Paddy	Irrigated	Non availability short duration varieties	Assessment of Paddy variety for Northern transition al Zone of Haveri	03	TO1: Farmers Practices (100)	-	-	-	-	-	-	
					TO2 :Gangavathi Sona	UAS Raichur	-	-	<u>Under progress</u>	-	-	-
					TO3 : Rnr 15048	-	-	-	<u>Under progress</u>	-	-	-
Guava	Irrigated	<ul style="list-style-type: none"> <li>Incidence of Tea mosquito bug(35-40%),</li> <li>low fruit yield and market price</li> </ul>	Assessment of Management strategies for Tea Mosquito bug in Guava	03	T1: Farmers Practices	-	-	-	<u>Under progress</u>	-	-	
					T2 : Application of Cypermethrin @ 0.5 ml/L of water at fortnight interval (2-3 times) from flowering stage	UHS Bagalkote	-	-	<u>Under progress</u>	-	-	-
					T3 : Maintenance of cleanliness in the orchard, Collection and destruction of infested fruits,	IIHR Bengalore	-	-	<u>Under progress</u>	-	-	-



					Regular pruning and application of Lambdacyhalot hrin @ 0.5 ml/L of water + Pongamia oil 2% at fortnight interval (2-3 times) from flowering stage							
Cotton	Irrigated	Leaf reddening and square Low yield	Use of Cotton PLUS	03	TO1: Farmers Practices	-	20.42	q/ha	Bolls-22	1,12,292	71,042	2.72
					TO2 : Micronutrient through RDF	UAS Dharwad	20.83	q/ha	Bolls-27.3	1,14,583	71,383	2.65
					TO3 : Cotton Plus	TNAU	22.25	q/ha	Bolls-30.7	1,22,375	78,175	2.77

#### 4. C2. Feedback on technologies assessed

Name of technology assessed	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
Effective control of Panama wilt by using stem injection method to enhance yield in Banana	Useful characters- T.O.2 (Drenching with Copper Oxychloride @ 3 gm/ liter of water): Easy to adopt and practice  T.O.3 (Stem injection with 3 gm of carbendazim + 3 gm of copper oxychloride + 3 gm of boric acid per liter of water): Very effective in panama wilt disease management with low quantity of carbendazim, copper oxychloride and boric acid	T.O.2 (Drenching with Copper Oxychloride @ 3 gm/ liter of water): High incidence of panama wilt disease (21.47 %) compared to stem injection method (16.82 %). T.O.3 (Stem injection with 3 gm of carbendazim + 3 gm of copper oxychloride + 3 gm of boric acid per liter of water): Non availability of labor where more number of labor required for carbendazim + copper oxychloride + boric acid stem injection compared to copper Oxychloride drenching practice
Assessment of chilli hybrids for yield potential, disease & pest resistance	Useful characters – <b>TO2 : KBCH-1:</b> High yield (25.75 t/ha) compared to farmers practice (21.86 t/ha) <b>TO3 :Arka Meghana:</b> High yield (27.20 t/ha) compared to KBCH1 (25.75 t/ha)	<b>TO2 : KBCH-1:</b> More incidence of leaf curl disease incidence compared to Arka Meghana and non availability of seeds <b>TO3 :Arka Meghana:</b> Locally non availability of seeds

#### 4.C3. Details of Successfully completed / concluded technology assessment (support with necessary summary of data and photographs)

##### OFT-1

1	Title of Technology Assessed	:	Assessment of Greengram Varieties KKM-3 for higher yield
2	Performance of the Technology on specific indicators	:	KKM-3 green gram variety performed better over both DGGV-2 and farmer practice (local variety) with respect to yield & economics and less pest incidence
3	Specific Feedback from farmers	:	The KKM-3 variety performed better with respect to yield (7.05 q/ha) and economics (20325 Rs/ha of net return) as compared local variety and it also having short duration (60-65 days) has compared to local variety and this will help us to grow another crop. The number of pods per plant higher as compared to other.
4	Specific Feedback from Extension personnel and other stakeholders	:	Very much convinced that the following technology is very much needed to boost the farmer income. It will also help to increase area under this crop.
5	Feedback to Research System based on results and feedback received	:	KKM-3 green gram variety will help to further spread of the technology
6	Feedback on usefulness and constraints of technology	:	-

	
Green gram variety : KKM-3	Green gram variety : China moong (Local)

**OFT-2**

1	<b>Title of Technology Assessed</b>	: <b>Assessment of groundnut varieties for short duration and higher productivity</b>
2	Performance of the Technology on specific indicators	: Ground nut variety JL – 1085 were performed better over both G2-52 and farmer practice (GPBD-4) with respect to yield, economics and less pest incidence
3	Specific Feedback from farmers	: Ground nut variety JL – 1085 variety performed better with respect to yield (28.33 q/ha) and economics (95694 Rs/ha of net return). This variety had low incidence of pest and disease (6.3%) and this will help us to get good yield and market price. The number of pods per plant high and less disease incidence as compared to other.
4	Specific Feedback from Extension personnel and other stakeholders	: Very much convinced that the following technology is very much needed to boost the farmer income. It will also help to increase area under this crop.
5	Feedback to Research System based on results and feedback received	: Ground nut variety JL – 1085 will help to further spread of the technology
6	Feedback on usefulness and constraints of technology	: -

	
Ground nut variety : JL – 1085	Ground nut variety : GPBD-4

**OFT-3**

01	<b>Title of Technology Assessed</b>	: <b>Effective control of Panama wilt by using stem injection method to enhance yield in Banana</b>
02	Performance of the Technology on specific indicators	: Stem injection with 3 gm of carbendazim + 3 gm of copper oxychloride + 3 gm of boric acid per liter of water reduced the Panama wilt disease incidence and increases the fruit yield. The fruit yield increased to an extent of 29.51 % over farmers practice
03	Specific Feedback from farmers	: Stem injection with carbendazim, COC and boric acid is cheap and effective method to control the panama wilt disease in banana
04	Specific Feedback from Extension personnel and other stakeholders	: Because of low incidence of Panama wilt disease (16.82 %), in stem injection method, the quality (bunch weight, finger length and girth) and quantity of yield increased.
05	Feedback to Research System based on results and feedback received	: -
06	Feedback on usefulness and constraints of technology	: Stem injection method is very effective to Panama wilt disease management in Banana

	
Method demonstration on stem injection	Stem injection with carbendazim + copper oxychloride + boric acid

**OFT-4**

01	<b>Title of Technology Assessed</b>	: <b>Assessment of chilli hybrids for yield potential, disease &amp; pest resistance</b>
02	Performance of the Technology on specific indicators	: Chilli hybrid Arka Meghana performed better over both KBCH 1 and farmer practice with respect to yield and economics.
03	Specific Feedback from farmers	: Less incidence of leaf curl disease with more number of fruits per plant was observed in Arka Meghana.
04	Specific Feedback from Extension personnel and other stakeholders	: Green chilli fruits of Arka Meghana hybrid were more attractive and glossy in nature which will fetch good price at market.
05	Feedback to Research System based on results and feedback received	: -
06	Feedback on usefulness and constraints of technology	: Arka Meghana hybrid chilli seed availability will help to further spread of the technology

	
Farmer practice	Arka Meghana chilli hybrid



**OFT-5**

01	<b>Title of Technology Assessed</b>	: <b>Use of Cotton plus</b>
02	Performance of the Technology on specific indicators	: Increase in yield by 18.39 % as compared to farmers practice
03	Specific Feedback from farmers	: Product performed better but its local availability is required
04	Specific Feedback from Extension personnel and other stakeholders	: Cotton plus is better than recommended practice
05	Feedback to Research System based on results and feedback received	: Need to develop such product locally
06	Feedback on usefulness and constraints of technology	: -

	
Farmer practice	Cotton plus

**OFT-6**

01	<b>Title of Technology Assessed</b>	: <b>Management of Leaf hopper and powdery mildew in Mango</b>
02	Performance of the Technology on specific indicators	: Increase in yield by 44.86 % as compared to farmers practice
03	Specific Feedback from farmers	: Effective management of Leaf hopper and powdery mildew resulted in higher fruit yield
04	Specific Feedback from Extension personnel and other stakeholders	: Timely management of Leaf hopper and powdery mildew can be enhanced fruit yield.
05	Feedback to Research System based on results and feedback received	: Need to evaluate new molecule pesticides against pest and diseases
06	Feedback on usefulness and constraints of technology	: Application of Lambdacyhalothrin @ 0.5 ml + Difenconazole 1 ml/L @ flower initiation stage and @ fruit setting stage resulted in higher fruit yield.

	
Field visit	Application of Lambdacyhalothrin + Difenconazole

**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	Gross Return Rs. / unit	Net Return Rs. / unit	BC Ratio (Gross income/ Gross Cost)
1	2	3	4	5	6	7	8	9	10	11	12	13
-	-	-	-	-	T.O.1 (Farmers practice)	-	-	-	-	-	-	-
-	-	-	-	-	T.O.2	-	-	-	-	-	-	-
-	-	-	-	-	T.O.3	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

**4. D2. Feedback on technologies refined : Nil**

Name of technology refined	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-

**4.D.3. Details of Technologies refined:**

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

**PART V - FRONTLINE DEMONSTRATIONS (2020)****5.A. Summary of FLDs implemented**

Sl. No.	Category	Farming Situation	Season	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Area (ha)		Farmers (No.)		Farmers (No.)	
									Proposed	Actual	SC/ST	Others	Small/Marginal	Others
	<b>Oilseeds</b>													
1	Soybean	Rainfed	Kharif	Soybean	DSb-21	-	Varietal Introduction	Introduction of Soybean variety DSB – 21	04	04	01	09	04	06
2	Soybean (K)	Rainfed	Kharif	Soybean	DSb-21	-	Soil fertility management	ICM in soybean	04	04	02	08	04	06
	<b>Pulses</b>													
3	Pulses	Rainfed	Rabi	Bengal gram	Jaki-9218	-	Soil fertility management	Jaki-9218 and Soil fertility management	04	04	03	07	04	06
	<b>Cereals</b>													
4	Maize (Pest management)	Rainfed	Kharif	Maize	NK6668	-	Pest Management	Management of FAW and micronutrient in maize	04	04	02	08	05	05
5	Maize (Intercrop)	Rainfed	Kharif	Maize	TS 3R	-	Demonstration of Pigeonpea + maize for higher yield and income	Seed treatment with Azospirillum. TS 3 R	04	04	02	08	10	-
6	Maize (Nutrient management)	Rainfed	Kharif	Maize	Super Kaveri	-	ICM in Maize	Soil fertility & nutrient management	04	04	02	08	04	06
7	Rabi Sorghum	Rainfed	Rabi	Rabi Sorghum	SPV-2217	-	Integrated crop management	SPV-2217 Variety (Lodging resistant, stay green & high fodder yield) Seed treatment with Trichoderma, Azospirillum	04	04	03	07	04	06

								Soil application with ZnSO <sub>4</sub> before sowing Whorl application of Carbofuran at the time of shoot weevil incidence						
8	Green gram	Rainfed	Khari f	Green gram	DGG V-2	-	Integrated Crop Management in Greengram	High yielding variety DGGV-2 (12-14 q/ha), non shattering, Wilt resistant Seed treatment	04	04	04	06	05	05
	<b>Millets</b>													
9	Foxtail Millet	Rainfed	Khari f	Foxtail millet	DHFt 96-3 & TS 3R	-	Demonstration of Pigeonpea + foxtail millet for higher yield and income	Seed treatment with Azospirillum. DHFt-109-3 TS 3 R	04	04	03	07	10	-
10	Little Millet	Rainfed	Khari f	Little Millet	DHLM36-3 & TS 3R	-	Demonstration of Pigeonpea + foxtail millet for higher yield and income	Seed treatment with Azospirillum. DHLM36-3 & TS 3R	04	04	02	08	10	-
11	Vegetables	Irrigated	Khari f	Tomato	-	NTH 1909	Precision farming	Use of polythene mulch, Drip irrigation, Training of plants 30 days after planting, Soil test base fertilizer application, Foliar application of vegetable special at 30, 45 and 60 days after planting	01	01	-	05	3	2
12	Chilli	Irrigated	Rabi	Chilli	-	Sitara	ICM	Seed treatment with Metalaxyl MZ (2 g/kg), Seedling dip-Imidacloprid (0.5	01	01	-	05	4	1







Implemen ts	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Sl. No.	Category	Farming Situation	Season and Year	Crop	Variety/breed	Hybrid	Thematic area	Technology Demonstrated	Season and year	Status of soil			Previous crop grown
										N	P	K	
	<b>Oilseeds</b>												
1	Soybean	Rainfed	Kharif	Soybean	DSb-21	-	Varietal Introduction	Introduction of Soybean variety DSB – 21	Kharif - 2020	L	M	M	Maize
2	Soybean	Rainfed	Kharif	Soybean	DSb-21	-							
	<b>Pulses</b>												
3	Bengal gram	Rainfed	Rabi 2020-21	Bengal gram	Jaki-9218	-	New Variety, Soil fertility & nutrient management	New Variety, Soil fertility & nutrient management	Rabi 2020	M	M	M	Maize
4	Green gram	Rainfed	Kharif	Green gram	DGGV-2	-	Integrated Crop Management in Greengram	High yielding variety DGGV-2 (12-14 q/ha), non shattering, Wilt resistant Seed treatment	Kharif - 2020	L	M	M	Redgram
5	Green gram	Irrigated	Summer 2020	Green gram	DGGV-2	-	ICM	ICM	Summer 2020	M	M	M	Paddy
	<b>Cereals</b>												
6	Maize	Rainfed	Kharif	Maize	TS 3R	-	Demonstration of Pigeonpea + foxtail millet for higher yield and income	Foxtail millet Pigeonpea Variety: TS 3 R, Seed treatment with Bio-fertilizer.	Kharif - 2020	L	M	M	Maize
7	Maize	Rainfed	Kharif	Maize	NK6668	-	Pest Management	Management of FAW and micronutrient in maize	Kharif - 2019	L	M	M	Maize
8	Maize	Rainfed	Kharif	Maize	Super Kaveri	-	Soil fertility management	ICM in Maize with special reference to soil fertility management	Kharif - 2020	M	M	L	Fallow
9	Rabi Sorghum	Rainfed	Kharif	Rabi Sorghum	SPV-2217	-	Integrated crop management	Rabi sorghum variety SPV-2217	Kharif - 2020	L	M	M	Cotton
	<b>Millets</b>												
10	Foxtail Millet	Rainfed	Kharif	Foxtail millet	DHFt 96-3 & TS 3R	-	Demonstration of Pigeonpea + foxtail millet for higher yield and income	Foxtail millet variety: DHFt 96-3, Pigeonpea Variety: TS 3 R, Seed treatment	Kharif - 2020	L	M	M	maize

								with Bio-fertilizer.					
11	Little Millet	Rainfed	Kharif	Little Millet	DHLm36-3 & TS 3R	-	Demonstration of Pigeonpea + Little millet for higher yield and income	Little millet variety: DHLm 36-3, Pigeonpea Variety: TS 3 R, Seed treatment with Bio-fertilizer.		L	M	M	maize
12	Vegetables	Irrigated	Kharif 2020	Tomato	-	NTH 1909	Precision farming	Use of polythene mulch, Drip irrigation, Training of plants 30 days after planting, Soil test base fertilizer application, Foliar application of vegetable special at 30, 45 and 60 days after planting	Kharif 2020	M	L	M	Ridge gourd
13	Tomato	Irrigated	Summer 2020	Tomato	-	-	Nutrient management	Vegetable Special	Summer 2019-20	M	M	M	Maize
		Irrigated	Summer 2020	Tomato	-	-	Nutrient management	Vegetable Special	Summer 2020	M	M	M	Maize
14	Chilli	Irrigated	Rabi 2020-21	Chilli		Sitara	ICM	Seed treatment with Metalaxyl MZ (2 g/kg), Seedling dip- Imidacloprid (0.5 ml/L), Spraying 50 ppm NAA during flowering (1 ml/ 4 L water), ,Difenthiuron (0.5 g/L) at 45 & 60 days of planting, Fenazaquin (2 ml/L) at time of mite incidence, 3 sprays of vegetable spl. @ 5 g/L at 30, 45, 60 days after	Rabi 2020-21	M	M	L	Maize





Banana	Banana Tissue culture plants, Soil application of neem cake and <i>Trichoderma</i>	Elakki Mitli		Irrigated	05	0.4	---	-	-	<b>Under progress</b>	-	-	-	-	-	-	-
Spices and condiments																	
Beetle vine (2019-20)	Trichoderma, Pseudomonas enriched FYM, Neem cake application during June & July (200 g/vine), Lowering of vine in the month of December Carboxin (0.2%) drenching during lowering	Ambadi	-	Irrigated	05	2.0	2692480 (Number of leaf /ha)	2280620 (Number of leaf /ha)	2543000 (Number of leaf /ha)	2236000 (Number of leaf /ha)	13.72	15,29,190	11,21,190	3.75	13,44,581	9,56,081	3.46
Commercial																	
Sugarcane	Micronutrient application at early stages	Co-86032	-	Irrigated	10	4.0	1075	1000	1035	965.5	5.70	310500	905000	1.41	274650	646500	1.31
Sugarcane	IPDM in Sugarcane	Co-86032	-	Irrigated	10	4.0	1200	1100	1148	1012	13.33	315563	116063	1.58	278438	83438	1.43
Fibre crops like cotton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicinal and aromatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plantation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (Nutri garden) (2019-20)	Nutrition garden	-	-	Irrigated	50	1.0	-	-	Before intervention 10.5 kg	After intervention 52.5 kg	-	34273	22710	2.95	-	-	-
(2020-21)	Nutrition garden	-	-	Irrigated	50	1.0	---	-	-	<b>Under progress</b>	-	-	-	-	-	-	-

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

\*\* BCR= GROSS RETURN/GROSS COST

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

**Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/diseases etc.)**





Mussels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

\*\* BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

#### 5. B6. Feedback on fisheries technologies demonstrated : Nil

Name of fisheries technology demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-

#### 5.B.7. Other enterprises

Enterprise	Name of the technology demonstrated	Variety / species	No. of Demo	Units / Area {m <sup>2</sup> }	Name of the parameter with unit	Yield			% Increase	*Economics of demonstration (Rs./unit) or (Rs./m <sup>2</sup> )			*Economics of check (Rs./unit) or (Rs./m <sup>2</sup> )			
						Demo	Check if any			Gross Return	Net Return	** BCR	Gross Return	Net Return	** BCR	
						H	L	A								
Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

\*\* BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

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

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

#### 5. B8. Feedback on enterprises demonstrated

Name of	Useful characters as well as constraints of technology	Socio-economic as well as
---------	--	---------------------------





Greengram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Vegetable crops</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bottle gourd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cucumber	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Commercial crops</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sugarcane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Fodder crops</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

H-High L-Low, A-Average

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

### Feedback on crop hybrids demonstrated

Name of crop hybrid demonstrated	Useful characters as well as constraints of technology	Socio-economic as well as administrative constraints for its adoption
-	-	-
-	-	-

## **PART VII. TRAINING (2020)**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Crop Production</b>	-	-	-	-	-	-	-	-	-	-
Weed Management	01	15	-	15	-	-	-	15	-	15
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	01	25	-	25	06	-	06	31	-	31
Crop Diversification	01	11	18	29	06	03	09	37	21	38
Integrated Farming	02	24	-	24	14	-	14	38	-	38
Micro Irrigation/Irrigation	01	28	-	28	-	-	-	28	-	28







Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-
Mushroom production	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>CapacityBuilding and Group Dynamics</b>	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>Agro-forestry</b>	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>39</b>	<b>803</b>	<b>72</b>	<b>875</b>	<b>111</b>	<b>40</b>	<b>151</b>	<b>851</b>	<b>112</b>	<b>943</b>









Fish processing and value addition	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>Production of Inputs at site</b>	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
<b>CapacityBuilding and Group Dynamics</b>	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>Agro-forestry</b>	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>27</b>	<b>504</b>	<b>61</b>	<b>492</b>	<b>36</b>	<b>27</b>	<b>60</b>	<b>541</b>	<b>88</b>	<b>629</b>

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	01	18	-	18	-	-	-	18	-	18
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	02	32	-	32	-	-	-	32	-	32
Production of organic inputs	02	39	12	51	10	-	10	49	12	61
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	04	93	-	93	08	-	08	101	-	101
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)	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>9</b>	<b>182</b>	<b>12</b>	<b>194</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>200</b>	<b>12</b>	<b>212</b>

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	1	14	09	23	1	2	3	15	11	26
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-
Integrated farming	1	14	8	22	-	2	2	14	10	24
Seed production	1	14	-	14	4	-	4	18	-	18
Production of organic inputs	1	9	-	9	1	-	1	10	-	10
Planting material production	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-
Mushroom Production	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	1	37	29	66	6	3	9	43	32	75
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Dairying	2	36	-	36	2	1	3	39	-	39
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)	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>7</b>	<b>124</b>	<b>46</b>	<b>170</b>	<b>14</b>	<b>8</b>	<b>22</b>	<b>139</b>	<b>53</b>	<b>192</b>



**7.G. Sponsored training programmes conducted**

S.No.	Area of training	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>1</b>	<b>Crop production and management</b>	-	-	-	-	-	-	-	-	-	-
1.a.	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-
1.b.	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-
<b>2</b>	<b>Production and value addition</b>	-	-	-	-	-	-	-	-	-	-
2.a.	Fruit Plants	01	58	-	58	13	-	13	71	-	71
2.b.	Ornamental plants	-	-	-	-	-	-	-	-	-	-
2.c.	Spices crops	-	-	-	-	-	-	-	-	-	-
<b>3.</b>	<b>Soil health and fertility management</b>	12	331	-	331	49	03	52	380	03	383
<b>4</b>	<b>Production of Inputs at site</b>	-	-	-	-	-	-	-	-	-	-
<b>5</b>	<b>Methods of protective cultivation</b>	-	-	-	-	-	-	-	-	-	-
<b>6</b>	<b>Others (pl.specify)</b>	-	-	-	-	-	-	-	-	-	-
<b>7</b>	<b>Post harvest technology and value addition</b>	-	-	-	-	-	-	-	-	-	-
7.a.	Processing and value addition	-	-	-	-	-	-	-	-	-	-
7.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>8</b>	<b>Farm machinery</b>	-	-	-	-	-	-	-	-	-	-
8.a.	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-
8.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>9.</b>	<b>Livestock and fisheries</b>	-	-	-	-	-	-	-	-	-	-
<b>10</b>	<b>Livestock production and management</b>	-	-	-	-	-	-	-	-	-	-
10.a.	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
10.b.	Animal Disease Management	-	-	-	-	-	-	-	-	-	-
10.c.	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-
10.d.	Fisheries Management	-	-	-	-	-	-	-	-	-	-
10.e.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>11.</b>	<b>Home Science</b>	-	-	-	-	-	-	-	-	-	-
11.a.	Household nutritional security	-	-	-	-	-	-	-	-	-	-
11.b.	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-
11.c.	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-
11.d.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
<b>12</b>	<b>Agricultural Extension</b>	-	-	-	-	-	-	-	-	-	-
12.a.	CapacityBuilding and Group Dynamics	-	-	-	-	-	-	-	-	-	-
12.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	13	389		389	62	03	65	451	03	454

**Details of sponsoring agencies involved**

1. Mango Marketing board, Hubballi
2. Agricultural Dept. Ranebennur Division, Haveri District

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

S.No.	Area of training	No. of Courses	No. of Participants											
			General			SC/ST			Grand Total					
			Male	Female	Total	Male	Female	Total	Male	Female	Total			
<b>1</b>	<b>Crop production and management</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>2</b>	<b>Post harvest technology and value addition</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
2.a.	Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
2.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>3.</b>	<b>Livestock and fisheries</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>4.</b>	<b>Income generation activities</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
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	01	12	-	12	03	-	03	15	-	-	-	15	-
4.f.	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
4.g.	Mushroom cultivation	-	-	-	-	-	-	-	-	-	-	-	-	-
4.h.	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
4.i.	Tailoring, stitching, embroidery, dying etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
4.j.	Agri. Para-workers, para-vet training	-	-	-	-	-	-	-	-	-	-	-	-	-
4.k.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>5</b>	<b>Agricultural Extension</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
5.a.	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
5.b.	Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Grand Total</b>	01	12	-	12	03	-	03	15	-	-	-	15	-

### 7.F. Details of Skill Training Programmes carried out by KVKs under ASCI

S. No.	Name of Job Role	Date of Start	Date of Close	Total Participants	No. of Participants									Date of Assessment	No of Participants passed assessment
					General			SC/ST			Grand Total				
					Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	Quality seed grower	12.02.2020	07.03.2020	20	16	-	16	04	-	04	20	-	20	15.03.2020	20
2.	Dairy farmer / entrepreneur	12.02.2020	07.03.2020	20	18	-	18	02	-	02	20	-	20	09.03.2020	13





**PART IX – PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIAL (2020)****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)	Foxtail millet	Dhft-109-3	-	7.0	23,116	24
	Little millet	Dhlm-36-3	-	1.15	6,325	08
	Barnyard millet	Dhbm-93-2	-	5.0	18,750	01
	Finger millet	Dhfm-78-3	-	1.8	8,100	16
	Rabi Sorghum	SPV-2217	-	4.0	18,000	25
Oilseeds	-	-	-	-	-	-
Pulses	Red gram	BSMR-736	-	10.5	84,000	-
	Sun hemp	Local	-	19.2	1,53,600	32
Commercial crops	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Flower crops	-	-	-	-	-	-
Spices	-	-	-	-	-	-
Fodder crop seeds	Sorghum	COFS-31	-	0.27	10,800	02
Fiber crops	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
<b>Total</b>				48.92	322691	108

**9.B. Production of planting material by the KVKs**

Crop category	Name of the crop	Variety	Hybrid	Number	Value (Rs.)	Number of farmers to whom provided
Commercial	-	-	-	-	-	-
Vegetable seedlings	Drumstick	PKM-1& Bhagya	-	4254	42,540	91
Fruits	Sapota	DHS-1& 2	-	926	46,300	121
	Guava	L-49	-	362	14,480	52
	Lime	Kazgi	-	150	3,000	12
Ornamental plants	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-
Plantation	-	-	-	-	-	-
Spices	Curryleaf	Suvashini	-	3488	52,320	79
	Tamarind	Local	-	415	16,600	13
Tuber	-	-	-	-	-	276
Fodder crop saplings	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others(specify)	-	-	-	-	-	-
<b>Total</b>	-	-	-	9595	175240	368

### 9.C. Production of Bio-Products

	Name of the bio-product	Quantity (q)	Value (Rs.)	Number of farmers to whom provided
<b>Bio Products</b>				
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	Trichoderma	8.19	95160	284
Bio Agents	PSB	0.45	3600	12
Others (specify)	-	-	-	-
<b>Total</b>		<b>7.77</b>	<b>98760</b>	<b>296</b>

### 9.D. Production of livestock

Particulars of Livestock	Name of the breed	Number	Value (Rs.)	Number of farmers to whom provided
<b>Dairy animals</b>				
Cows	HF crossbred	06	75500	06
Buffaloes	-	-	-	-
Calves	HF crossbred	2	7000	02
Others (Pl. specify)	Sheep-Deccani	13	65500	09
<b>Poultry</b>	-	-	-	-
Broilers	Swarnadara	07	4200	07
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)	-	-	-	-
<b>Piggery</b>	-	-	-	-
Piglet	-	-	-	-
Others (Pl. specify)	-	-	-	-
<b>Fisheries</b>	-	-	-	-
Fingerlings	-	-	-	-
Others (Pl. specify)	-	-	-	-
<b>Total</b>				

**PART X – PUBLICATIONS, SUCCESS STORY, INNOVATIVE METHODOLOGY, ITK,  
TECHNOLOGY WEEK**

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

(A) KVK Newsletter:

Date of start: 2013      Periodicity: Quarterly      Copies printed in each issue: 500

(B) Literature developed/published

Item	Number
Research papers- International	09
Research papers- National	12
Technical reports	03
Technical bulletins	02
Popular articles - English	01
Popular articles – Local language	23
Extension literature	09
Others (Book)	02
<b>TOTAL</b>	

**10.B. Details of Electronic Media Produced**

S. No.	Type of media	Title	Details
1.	CD / DVD	-	-
2.	Mobile Apps	FARMS, eNAM, Kisan rath, Kisan Suvidha, Meghadooth, Damini and other apps released by ICAR etc.	<ul style="list-style-type: none"> <li>▪ Information dissemination through various trainings organized by KVK.</li> <li>▪ Demonstration and method of use of Apps to youth farmers in various sponsored training organized by KSDA, NGOs etc</li> </ul>
3.	Social media groups with KVK as Admin	KVK, Haveri	KVK, Scientist, Rtd professor University of Agricultural science and Rtd JDA,DDA,DDH,DDV including Haveri line departments(JDA,DDAs,DDH,ADAs,DDS,DDV,ADV,AO,AAOs officials), Progressive farmers, including NGOs and progressive framers
4.	Facebook account name	KVK Haveri	<a href="http://www.facebook.com/krishivigyankendra.haveri3">www.facebook.com/krishivigyankendra.haveri3</a>
5.	Instagram account name	KVK Haveri	<a href="http://www.instagram.com/kvkhaveri">www.instagram.com/kvkhaveri</a>

**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





<b>1. Title of the Success Story</b>	:	<b>Diversification in agriculture</b>
<b>Farmer Name</b>	:	Mr. Parameshwara S Mattad Village: Keravadi Tq– Byadgi Dist: Haveri
<b>Details of Success Story</b>		
<b>Background</b>	:	Shri Parameshwara S Mattad is basically from the farming community but he has been realized low and unsustainable income due to undiversified cropping system.
<b>Intervention Process</b>	:	Shri. Parameshwara S Mattad visited the KVK, Hanumanamatti to interact with Scientist. The scientists from KVK, Hanumanamatti visited his field and gave suitable suggestions about diversified cropping system.

<b>Intervention Technology</b>	:	Shri Parameshwara S Mattad has been adopted improved cultivation and farming system practices for growing different agriculture and horticulture crops in his 10.0 acre land. He has maintained farm very well by putting bunds all along the farm with proper leveling and drainage system. He is cultivating diversified crops like field crops, plantation crops (Mango, Coconut), fodder crops (Hybrid napier, Fodder sorghum) and forest species (Teak, Silver oak). Apart from this he also maintained improved milch animals. His farm contains many Agri – Horti-Forestry-Livestock system enterprises such as Mango (20 plants), teak (100 plants on bunds), field crops (6.0 acre) vegetables (3.0 acre), Flower crops (1.0 acre) and fodder crops (0.5 acre). Livestock such as cows (06 nos), buffalos (04 nos). On bunds side he planted forest species like teak and silver trees. He constructed farm foud, borewell reaching structures and rain water harvesting structures.
<b>Impact Horizontal Spread</b>	:	Shri Parameshwara S Mattad became a role model for the other farmers such as small, marginal and big farmers to ensure the sustainable livelihood security and constant farm income. Shri Parameshwara S Mattad also played a key role in the horizontal spread of technology and by understanding the benefit of this integrated farming system.
<b>Impact Economic Gains</b>	:	Shri Parameshwara S Mattad is fetching an income of more than 6-7 lakh per annum and maintaining sustainability since 5 years of his farming.
<b>Employment Generation</b>	:	He provided Employment for 4 men and 5 women labors throughout the year by cultivating different crops and by maintaining livestock animals. Totally 325 man dyas per annum.

	
Chilli crop	Peas crop
	
Sweet corn	Flower crop

<b>2. Title of the Success Story</b>	:	Modern Dairy Farming for Sustainable income
<b>Farmer Name</b>	:	Shri Basavaraj Hulikatti Village: Chalageri Tq– Ranebennuru Dist: Haveri
<b>Details of Success Story</b>		
<b>Background</b>	:	Basically Mr Basavaraj a graduate, he was working as medical representative for some private company. Due to less salary and heavy work load he left the job and planned for dairy farming. His land holding is around 25 guntas.
<b>Intervention Process</b>	:	Shri Basavaraj Hulikatti visited the KVK, interacted with scientists of KVK and also contacted nearby line departments. He took training on dairy farming sponsored by Agricultural Skill council of India for 25 days at KVK Hanumanamtti.
<b>Intervention Technology</b>	:	Mr Basavaraj started Dairy farm of 8 HF crossbred cows. The main problem he faced was scarcity of green fodder due to less land holding. He was cultivating local grass as green fodder which was low yielding. After Scientists suggestion he started cultivating Hybrid Napier CoNB-5 which yielded around 160 ton/ac/year. But during summer season, due to increase in number of animals this

		fodder was not sufficient. With technical support from KVK and financial support from animal husbandry department he started hydroponic fodder unit to overcome green fodder scarcity during summer season. He has all the major dairy farm equipments like chaff cutter and milking machine which help him to reduce the drudgery reduction. During summer season his animals were producing low milk yield due to heat stress. To reduce ambient temperature he fitted small fogger all along roof inside the animal shed. Daily 3 to 4 times he sprinkles the water to animals which will reduce the heat stress and increase the production. Now he is having 8 milking cows, 4 pregnant cows and 5 calves. Total milk production per day is around 90 liters and getting 45,000 net income per month.
<b>Impact Horizontal Spread</b>	:	Lot of people visiting his farm, 3 farmers started dairy farming by inspired by him. More than 25 farmers he given CoNB-5 fodder slips.
<b>Impact Economic Gains</b>	:	Total milk production per day is around 90 liters and he is getting Rs.45,000 net income per month. Utilizing this amount he started his own small scale milk collection centre from which he collecting milk from different farmers and selling it to milk processing centers.
<b>Employment Generation</b>	:	He has one male labour in his farm. Totally 295 man dyas per annum. Lot of people inspired by him and found a way for self employment. Three farmers started their own small scale dairy farm in near by villages.

	
Dairy farm	Hydroponic fodder unit
	
Water fogger at the roof of the dairy	Press coverage





<b>3. Title of the Success Story</b>	:	<b>Betelvine cultivation and Vegetable nursery for Sustainable Livelihood</b>
<b>Farmer Name</b>	:	Shri. Bharamalingappa Asundi Village: Kakola Tq- Ranebennuru Dist: Haveri
<b>Details of Success Story</b>		
<b>Background</b>	:	Shri. Bharamalingappa is a progressive farmer of a Kakol village of Ranebennur Taluk. The cultivation of betel vine has been practiced by his ancestors and same has been practiced by Bharamalingappa on one acre land. But during initial period he could not realized better profit from betel vine cultivation.
<b>Intervention Process</b>	:	Shri. Bharamalingappa approached scientist from KVK, Hanumanamatti and State Department of Horticulture officials and Scientist and Department officials visited his field and gave suitable suggestions.
<b>Intervention Technology</b>	:	To improve economic returns from betelvine cultivation Shri. Bharamalingappa adopted some innovative ideas for improving both quality and quantity of Betel vine. He improved soil fertility through organic manures, waste decomposer, Jevamrutha, Neem cake, biopesticides like Trichoderma and Pseudomonas and green manuring etc. He also adopted good drainage system which avoids water logging problem as a result the betel vine is free from foot rot disease. During the winter season because of low temperature there is problem of low yield and leaf folding in betelvine, to address this problem a new type of sprinkler has been installed at 20 feet height. To lower part of vine water will be sprayed using

		micro jet at an interval of 15 days which resulted in better quality leaves and improved micro climate in the garden. As a result he obtained better yield and market price.
<b>Impact Horizontal Spread</b>	:	Shri. Bharamalingappa became a role model for the other beetle vine growing farmers such as small and marginal farmers to ensure the sustainable livelihood security and constant farm income. Shri Bharamalingappa also played a key role in the horizontal spread of technology and by understanding the benefit of this integrated farming system.
<b>Impact Economic Gains</b>	:	Shri. Bharamalingappa is fetching an income of 2 lakh per annum and maintaining sustainability since 8 years of his farming.
<b>Employment Generation</b>	:	He has provided Employment for more than 6 men and 2 women labors throughout the year by cultivating different crops and by maintaining livestock animals.

		
Use of Sprinkler to maintain leaf quality.	Spraying water using micro jet to Betelvine leaves.	Vegetable Nursery

<b>4. Title of the Success Story</b>	:	<b>Sustainability of livelihood through agriculture and allied activities.</b>
<b>Farmer Name</b>	:	Shri. Mallikarjun C Asundi At : Asundi Tq : Ranebennur Dist: Haveri
<b>Details of Success Story</b>		
<b>Background</b>	:	Shri. Mallikarjun is a young farmer and has got more enthusiasm towards agriculture and allied activities. He always tries to implement adoptable technologies in his farm to achieve sustainability.
<b>Intervention Process</b>	:	To achieve success in agriculture, he has got good rapport with scientist from KVK, Hanumanamatti and line department officials. He regularly visits KVK Hanumanamatti and line department in order to interact with scientists and officials. He also updates his knowledge through newspapers, TV, whatsapp messages etc. He is very much inclined to adopt modern technologies related to agriculture and allied activities.
<b>Intervention Technology</b>	:	Shri. Mallikarjun has got 12 acre land from his ancestor , out of 12 acre, he cultivates 4 acre under rainfed situation and 8 acre under irrigation condition. Under rainfed situation, he cultivates crops like foxtail millet, little millet and finger millet, greengram, blackgram, cowpea, maize intercropped with redgram during kharif and also cultivates crops like rabi sorghum & wheat. Further under irrigation condition, he grows vegetable crops such as brinjal, tomato, chilli, coriander, fenugreek etc. as a intercrop with coconut trees over an area of 3.0 acre. In remaining 5.0 acre land he used for different crops like arecanut (1.5 acre), chilli (1.5 acre), brinjal (0.5 acre), groundnut (1 acre), Fodder crops (0.5 acre), Further he planted teak (4 No.), sapota ( 4 No.), curry leaf (25 No.), drumstick plants etc all along the border. He also adopted different allied activities like animal husbandry, beekeeping, backyard poultry birds unit and vermi composting unit, jeevamruth unit, biogas unit etc. Due to his diversified nature of cropping system as well as allied activities, he could meet out most of his family requirement by his farm only and reduced the expenditure on external inputs. He achieved sustainability by following organic approaches in growing many crops by his well planned farm activities as well as optimum utilization of resources.
<b>Impact Horizontal Spread</b>	:	Shri. Mallikarjun Asundi recognised as a one of the most successful young farmers by other neighboring farmers for his successful achievement in agriculture. Many a time he served as resource person in training programmes conducted by line departments and plays a vital role in horizontal spread of the

		technologies related to agriculture and allied activities.
<b>Impact Economic Gains</b>	:	Shri. Mallikarjun, through his various farm activities, he could earn Rs. 3-4 lakh income per annum apart from sustainability for lively hood last 5 years.
<b>Employment Generation</b>	:	He provided employment opportunity for 3 men and 5 women labourers regularly.

		
Jeevamrutha preparation		Bee keeping
		
Back yard poultry farming		Cultivation brinjal

<b>5. Title of the Success Story</b>	:	<b>Integrated farming System</b>
<b>Farmer Name</b>	:	Shri. Vishwanath Odeyar Chaudayyadanapur, Tq: Ranebennur Dist.: Haveri
<b>Details of Success Story</b>		
<b>Background</b>	:	Chaudayyadanapur village, Tq: Ranebennur, Dist: Haveri has received the average to below average rainfall. The major irrigation sources of this taluk are Tungabhadra river, tank and bore wells. Under irrigation system, the major crops are vegetables, maize, paddy, coconut, Banana, etc in general. But dominant crops grown in this area are paddy and sugarcane But Shri. Vishwanath Odeyar has adopted water conservation technology, adoption & promotion organic farming, nursery raising and vermi composting, dairy, IFS etc.
<b>Intervention Process</b>	:	He has attended a training on Vermicomposting at KVK, Hanumanamatti, Later he started own production unit as per suggestion of KVK Scientists. He has extended the units to about 20 numbers of standard size (16x4x3 ft).
<b>Intervention Technology</b>	:	Shri. Vishwanath Odeyar is a most enthusiastic farmwoman and has adopted integrated farming system in her farm land of 3.0 acre. He cultivated sugarcane crop over an area of 1.5 acre and around sugarcane plot she planted 20 coconut and 25 teak plants. In a half acre land she has taken cultivation of flower crop (Marigold and chrysanthemum) and these flower crops grown in the furrow method. Another half an acre area used for cultivating the vegetables like bhendi, tomato, chilli and leafy vegetables. Remaining area he utilized for green fodder cultivation (10 gunta), vermi composting unit (5.0 gunta) dairy unit(3 cows, 2 buffalo and two bullock) in 2.0 gunta area. Remaining 3.0 gunta area used for farm house and threshing yard. He got more income by vermicompost selling, milk, flowers and earthworm selling. Apart from this he also prepares the Jeevamrutha and biodigester, honey bee rearing and azolla cultivation etc.
<b>Impact Horizontal Spread</b>	:	Around 15 – 20 farmers of neighboring village had adopted the technology. Like vermi composting, flower cultivation, beekeeping etc
<b>Impact Economic Gains</b>	:	Vermicompost @ Rs. 250000/- Coconut seedling @ Rs. 25000/- Flower seedling @ Rs. 35000/-
<b>Employment Generation</b>	:	He provided employment opportunity for 3 men and 5 women labourers regularly.



**10.D. Give details of Innovative Methodology or Innovative Approach of Transfer of Technology developed and used during the year : Nil**

**10.E. Give details of Indigenous Technical Knowledge practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs) : Nil**

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK	Scientific Rationale
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

**10 F. Technology Week celebration during 2020: Nil**

Period of observing Technology Week: From \_\_\_\_\_ to \_\_\_\_\_  
 Total number of farmers visited : \_\_\_\_\_  
 Total number of agencies involved : \_\_\_\_\_  
 Number of demonstrations visited by the farmers within KVK campus: \_\_\_\_\_

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	-	-	-
Lectures organized	-	-	-
Exhibition	-	-	-
Film show	-	-	-
Fair	-	-	-
Farm Visit	-	-	-
Diagnostic Practicals	-	-	-
Supply of Literature (No.)	-	-	-
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)	-	-	-
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	-
Supply of fingerlings	-	-	-
Supply of Livestock specimen (No.)	-	-	-
Total number of farmers visited the technology week	-	-	-

**10 E. Recognition and Awards:** Please give details about National and State level recognition and awards



## PART XI – SOIL AND WATER TEST

## 11.1 Soil and Water Testing Laboratory

A. Status of establishment of Lab : Active

1. Year of establishment : 2005
2. List of equipments purchased with amount : Enclosed

Sl. No	Name of the Equipment	Qty.	Cost	Status
1	Soil moisture tensio meter (30 cm x 9" length)	01	477.00	Working
2	Pestle and mortar (Beed casting)	01	85.00	Working
3	Shaking Machine Orbitek (250 ml clams -25 No. RPM 140 to 250 RPM) (Size 20" x 13 " x 4")	01	47025.00	Working
4	Electronic Weighing Machine (210 gm, Table top Machine NO. 1225400254)	01	57000 .00	Working
5	Electrical + Micro processor based automatic N Dist. System Electrical automatic KEL + Microprocessor based 6+ Macro block Digastion System	01 01	142844.00	Working
6	Flame photometer FGCL0378 SN 189/0801	01	32040.00	Working
7	pH Analysis with CL - 51B (FGL 1612 SN 244/0669)	01	8900.00	Working
8	Scanning Visible Spectro photometer. Model : SL 177 (SN 212/0269)	01	40050.00	Working
9	Eletrical Conduntivity Bridge EC- TDS Analysis (FGCM 183 SN 132/0492)	01	9790.00	Working
10	Hot air oven digital make : scientek (Temp ----- to 250 deg. C	01	17228.00	Working
11	Hot plate Make:Scientific 24' x12' Stainless steel 304 top plate provided with energy regulator On & Off	01	3046.00	Working
12	BPL Makes Weighing scale with battery Back up, Table top 2000 gm	01	10471.00	Working
13	Sample Aluminum Pan (30x40x5 cm) Sample Aluminum Pan (20x30x3.8 cm) Sample Aluminum Pan (12.5x15x2.2 cm)	08 (1 broken)	150+120+20 0	Working
14	Pestlen and mortar (Wooden make)	01	1000.00	Working
15	Grinder (100 mm x 50 mm size)	01	15435.00	Working
16	Double Distillation water still (Glass) Silica sheated Heater 2 lit/hr (Not working)	01	16000.00	Working
17	Double Distillation water still (qutrz) Silic sheated Heater 4 lit/hr (Not working)	01	43050.00	Working
18	Voltas make 220 lit. cap. Refigartor	01	10765.00	Working
19	V - guard make 500 VA Stablizer	01	1220.00	Working
20	Stand for Refigator (plastic)	01 (broken)	300.00	Working
21	Post hole Augar head size 3"	01	1200.00	Working
22	Screw type Augar Head size 1.5 "	01	980.00.	Working
23	Steel cabinet 78" x 36"x 18" with 5 compartments	09	47934.00	Working
24	Slotted angle rack (6' x3'x15')	05	7105.00	Working
25	Lab rack 30"x 9" x15'	05 (1 damaged)	6156.00	Working
26	Laboratory table 88"x 30"x36" with granite top	04	75776.00	Working
27	Laboratory table 72"x 30"x36"	04	16931.00	Working
28	Laboratory table 58"x 30"x30"	03	50793.00	Working
29	Laboratory table 58"x 30"x30" with granite top	03	50793.00	Working
30	Exhaust fan Almana	03	4500.00	Working
31	Wash basin 24" x 18"	03	4500.00	Working
32	Gas burner Solar make	01	1500.00	Working
33	Laboratory Stools 12"x12"x42"	05	4140.00	Working
34	Combined Eletrode type CL 51 B for pH meter (model: L1 612)	01	850.00	Working
35	Water tap Swan nack	03	2355.00	Working
36	Conduivity cell type CC- 03B for Conduivity meter (model: CM 183)	01	1000.00	Working
37	One pair of Glasss Cuvettes (Model: SL 177)	01	2300. 00	Working

38	Software and interfacing accessories for Spectrophotometer (Model: SL 177) (installed inside)	01	20000.00	Working
39	Calcium filter for Flame Photometer (Model: CL 378) (installed inside)	01	23451.00	Working
40	Electronic Acid Neutralizer Scrubber. Model: KEL VAC.	01	19398.00	Working
41	S S Inset Rack. Model: KES 06 LTR.	01	6300.00	Working
42	Exhaust Manifold System with Teflon Adaptors. Model: KES 06 LEM.	01	7160.00	Working
43	Viton Tube for Triacid and Diacid Digestion Model: KES VT.	01	3250.00	Working
44	Water softner " Bhanu make " model AS 600	01	9752.00	Working
45	Silica Water Heater for Double Distillation Water Still (Glass) Cap: 2 ltr/hr (One set –Two Nos. for Boiler I & II )	01	2837.00	Working
46	Spare Silica Heater for Double Distillation Water Still (Quartz) Cap:4 L/hr (One set –Two Nos. for Boiler I & II )	01	5201.00	Working
47	Water softner " Bhanu make " model AS 600	01	16435.00	Working
48	pH Meter with printer interface, ATC probe, combined Electrode CL 51 B, stand, buffer (ELICO)	01	23006.00	Working
49	EC-TDS Analyser with temp. probe and conductivity cell CC03 B stand with cell holding clamp (ELICO)	01	25955.00.	Working
50	Combined Eelectrode		1145.00	Working
51	All glass single distillation unit W/Built in Silka heater stand 1.5 ltr Borocil	01	17450 .00	Working
52	All glass single distillation unit W/Built in Silka heater stand 1.5 ltr Borocil	01	19980 .00	Working
<b>Total</b>		<b>85</b>	<b>813194.00</b>	

#### B. Details of samples analyzed since establishment of SWTL:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	20896	20896	4133
Water Samples	17784	17784	2938
Plant samples	-	-	-
Manure samples	-	-	-
Others (specify)	-	-	-
<b>Total</b>	<b>38680</b>	<b>38680</b>	<b>7071</b>

#### C. Details of samples analyzed during the 2020:

Details	No. of Samples analyzed	No. of Farmers benefited	No. of Villages
Soil Samples	2326	2326	1095
Water Samples	1320	1320	617
Plant samples	-	-	-
Manure samples	-	-	-
Others (specify)	-	-	-
<b>Total</b>	<b>3646</b>	<b>3646</b>	<b>1712</b>

#### 11.2 Mobile Soil Testing Kit : Nil

##### A. Date of purchase and current status

Mobile Kits	Date of purchase	Current status
1.	-	-
2.	-	-

##### B. Details of soil samples analyzed during 2020 and since establishment with Mobile Soil Testing Kit:

	Progress during 2020	Cumulative progress
Samples analyzed (No.)	-	-
Farmers benefited (No.)	-	-
Villages covered (No.)	-	-

**11.3 Details of soil health cards issued based on SWTL & Mobile Soil Testing Kit during 2020:**

Particulars	Date (s)	Villages (No.)	Farmers (No.)	Samples analyzed (No.)	Soil health cards issued (No.)
SWTL	-	122	452	452	452
Mobile Soil Testing Kit	-	-	-	-	-

**11.4 World Soil Health Day celebration**

Sl. No.	Farmers participated (No.)	Soil health cards issued (No.)	VIPs (MP/Minister/MLA attended (No.))	Other Public Representatives participated	Officials participated (No.)	Media coverage (No.)
01	78	25	-	-	09	02

**PART XII. IMPACT****12.A. Impact of KVK activities (Not restricted for reporting period).**

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Seed production training to Rural youths	35	20	35,000	60,000
Dairy farming	50	25	40,000	55,000

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

**12.B. Cases of large scale adoption (Please furnish detailed information for each case with suitable photographs) :****1. Popularization of high yielding Foxtail millet variety DHFt-109-3 in Haveri district.**

Haveri district is known for millet cultivation in general and foxtail millet in particular. In the district the total millet grown area about 1050 ha. The important millet grown talukas of the district are Savanur, Shiggaon, Haveri, Hirekerur, Ranebennur. These millet were grown on mostly marginal land under rainfed condition. The district average yield of foxtail millet is less than 10q per hectore. Therefore ICAR- Krishi Vignana Kendra, Hanumanamatti started the conducting of demonstration on foxtail millet especially variety DHFt-109-3

KVK has conducted more than 58 demonstration on popularization of new variety DHFt-109-3 in different village like Banapur (10), Guttala (5) of Haveri, Neshwi (18) of Hirekerur, Attigeri (15) of Savanur and Hanumapura (10) of Ranebennur taluk

Apart from demonstrations, KVK, Haveri conducted more than 30 on-campus and off-campus training programs on different aspect like popularization of new variety DHFt-109-3, nutrient management in foxtail millet, value addition of foxtail millet, spacing, seed rate and weed management. KVK Haveri promoted establishment of one FPO i.e Bhoomika Farmers Producer organization at Itagi, Ranebennur taluk. KVK Haveri also made linkages about marketing millet between producers (farmers) to FPO's.

**Table: 1 Popularization of New foxtail millet variety DHFt-109-3 over the years in Haveri****District**

Particulars/ Years	2016-17	2017-18	2018-19	2019-20
Number of demonstrations	15.0	18.0	15.0	10.0
Demonstration plot yield	15.25	14.50	17.12	13.8

(q/ha)				
Farmers plot yield (q/ha)	11.75	11.85	12.45	10.93
Training conducted on new variety	4.0	6.0	10.0	10.0

It is clear indicated from table-1 that , DHFt-109-3 recorded more yield i.e 17.12 to 13.8 q/ha in demonstration plots over year as compared to farmers practice (local variety) which yield on 10.0 to 12.0 q/ha only. An average of 30-50 % higher yield was observed in FLD on DHFt-109-3 over local variety (Farmers practice).

KVK Haveri conducted survey in selected village during 2019-20. It is found that - DHFt-109-3 variety gave average yield is 15.0-16.0 q/ha in comparison to local variety 8.0-10.0 q/ha with respect to income generated was about Rs. 19,000 to Rs. 22,000 as compared to local variety Rs. 15,000 to Rs. 18,000 only

Frontline demonstration conducted by ICAR- Krishi Vigyan Kendra, Hanumanamatti (Haveri) on popularization of high yielding variety DHFt-109-3 in different villages of the district, replaced more than 50% area of old local variety of foxtail millet. Apart from grain yield, quality of grain, fodder yield, value added products produced from this foxtail millet variety DHFt-109-3 was found superior as compared to local foxtail millet variety.



## 2. Impact of Frontline demonstration on Integrated Crop Management in Maize

KVK Haveri conducted frontline demonstration on ICM in Maize during 2018 and 2019 in different villages viz. Kamodod and Choudayyadanapur of Ranebennur taluk. Totally 15 farmers were selected for conducting demonstration. The soil samples from each selected farmer were collected and analysed. Based on soil test report farmers were advised to apply fertilizers.

During 2018, demonstration was conducted at Kamadod village by selecting 10 farmers, to monitor the activity of fall armyworm farmers were advised to setting up of pheromone traps and suggested application of Emamectin benzoate @ 0.25 g or chlorantraniliprole @ 0.25 ml per litre of water at 25 and 35 days after sowing and farmers were advised to spray insecticide properly towards whorl side. Further, based on soil test report, different nutrients were given through fertilizers.

Good crop stand was maintained by following different cultural practices. In addition, KVK conducted regular field visits, group discussion and trainings for proper implementation of demonstration. Similarly during 2019, the demonstration was conducted at Choudayyadanapur village by selecting 5 farmers.

The impact of FLD in both villages resulted 15-20 % more yield compared to farmers practice. Further Field days were organized at the time of harvest in both the villages by gathering neighbouring farmers in order to disseminate the technology to the larger extent. Now the more than 300 ha maize area covered under this technology.



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

## PART XIII - LINKAGES

### 13A. Functional linkage with different organizations

Name of organization	Nature of linkage
State Dept. of Agriculture	Training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
State Dept. of Horticulture	Training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
Rural Development Institutes (Zilla & Taluk Panchayats)	Training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
State Dept. of Animal husbandry & Veterinary Services	Training programmes, joint diagnostic survey and participation in meetings, seminars and field days.
Karnataka Milk Federation	Training programmes.
Karnataka State Seed corporation limited	Supply of inputs (seeds) and seed production programme
Women and Child Development Department	Training programmes.
Karnataka Oil Seeds Federation	Supply of inputs
NABARD, Vijaya Bank, State Bank of India, M.G. Bank and Syndicate Bank.	Participation in meeting, conducting training programmes and promotion of TTC.
GRASIM trust, Kumar Pattanum	Training programmes.
Sheep and Wool Development Board	Trainings.
State Dept. of Watershed	Training programmes, IFS Demonstration, Seminars and Field days.
JSYS	Training programmes, Demonstration, Seminars and Field days.
National Horticultural Research and Development Federation	Joint implementation and participation in meeting/Training Programme
Spice Board	Joint implementation and participation in meeting/Training Programme
Different private firms dealing with Medicinal and Aromatic crops	Training Programmes
IIHR, Bangalore	Technical consultancy
NGO's	Joint implementation and participation in meeting, Trainings workshops
Mahila Mandals and Youth Clubs	Joint implementation and participation in meeting.
Sugar Factories	Joint diagnostic survey and participation in meeting
Karnataka Sugar Institute, Belgaum	Joint diagnostic survey and participation in meeting/ Training
Successful Entrepreneurs	Training Programme/ Technical Advice
Vijaya Bank Sponsored Employment Training Institute	Joint implementation participation in meeting and Training Programme.
Ring KVK's	Seeds, planting materials, bio-pesticides and training

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

**13B. List of 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.)
MIDH Programme	August 13 <sup>th</sup> 2020	Directorate of Cashewnut and Cocoa Development, Kochi. Kerala	10.5
Energy Efficiency, Energy and water Conservation	Novemr - 2020	Karnataka Renewable Energy Development Limited, Hubballi	1.0

**13C. Details of linkage with ATMA**

**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	DFSC Meeting	01	-	Collaboration with Dept. of Agriculture
02	Research projects	Maize and Browntop millet	-	-	-
03	Training programmes	-	-	-	-
04	Demonstrations	-	-	-	-
05	Extension Programmes	-	-	-	-
	Kisan Mela	-	-	-	-
	Technology Week	-	-	-	-
	Exposure visit	-	-	-	-
	Exhibition	-	-	-	-
	Soil health camps	-	-	-	-
	Animal Health Campaigns	-	-	-	-
	Others (Pl. specify)	-	-	-	-
06	Publications	-	-	-	-
	Video Films	-	-	-	-
	Books	-	-	-	-
	Extension Literature	-	-	-	-
	Pamphlets	-	-	-	-
	Others (Pl. specify)	-	-	-	-
07	Other Activities (Pl. specify)	-	-	-	-
	Watershed approach	-	-	-	-
	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-

**13D. 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
-	-	-	-	-	-

**13E. Nature of linkage with National Fisheries Development Board : Nil**

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

**13F. 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
-	-	-	-	-	-

**13G. Kisan Mobile Advisory Services**

Month	Message type (Text/Voice)	SMS/voice calls sent (No.)						Total SMS/Voice calls sent (No.)	Farmers benefitted (No.)
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprises		
January	Text	3	2	-	-	1	-	4	39231
February	Text	2	2	-	-	1	2	8	39231
March	Text	4	1	-	-	2	-	7	39231
April	Text	3	-	-	-	2	2	11	39231
May	Text	5	1	-	-	-	1	10	39231
June	Text	4	1	-	-	1	-	9	39231
July	Text	4	-	-	-	-	-	4	39231
August	Text	3	1	-	-	2	1	9	39231
September	Text	2	-	-	-	-	1	5	39231
October	Text	2	-	-	-	-	2	9	39231
November	Text	3	-	-	-	1	-	4	39231
December	Text	3	2	-	0	2	2	11	39231
<b>Total</b>		<b>38</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>11</b>	<b>91</b>	<b>-</b>

**PART XIV- PERFORMANCE OF INFRASTRUCTURE IN KVK**

**14A. Performance of demonstration units (other than instructional farm)**

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Vemicompost	2014	0.01	-	Vemicompost	-	4000	-	Awareness about importance of Vermicompost and there is need to have large scale production unit to meet increased demand of farmers
2	Fodder Cafeteria	2019	0.4	COFS-29R, COFS-31,	Fodder seeds & fodder slips	2.0	3500	-	Awareness about importance of dry land fodder crops

**14B. Performance of instructional farm (Crops) including seed production**

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
<b>Cereals</b>									
Foxtail millet	20.06.2020	01.10.2020	2.0	Dhft-109-3	CS	-	8,000	Yet to sale	-
Foxtail millet	27.06.2020	01.10.2020	0.6	Dhft-109-3	TL	-	3,000	Yet to sale	-
Little millet	24.12.2020	05.03.2021	0.6	DHLM-36-3	TL	-	3,000	Yet to sale	-
Rabi Sorghum	03.10.2020	20.02.2021	3.0	SPV-2217	CS	-	8,000	Yet to sale	-
<b>Pulses</b>									
Redgram	10.07.2020	23.01.2021	2.4	BSMR-736	TL	-	10,000	Yet to sale	-
Oilseeds	-	-	-	-	-	-	-	-	-
<b>Fibers</b>									
Sun hemp	02.08.2020	-	7.0	Local	TL	-	12,000	Yet to sale	-
<b>Spices &amp; Plantation crops</b>									
Curry Leaf	-	-	-	Suvasini	Seedlings	3488 Nos	7500	52,320/-	-
Drumstick	-	-	-	PKM-1 & Bhagya	Seedlings	4254 Nos	6000	42,540/-	-
Tamarind	-	-	-	Local	Seedlings	415 Nos	3000	16,600/-	-
<b>Floriculture</b>									
<b>Fruits</b>									
Sapota	-	-	-	DHS-1&2	Seedlings	926 Nos	6000	46,300/-	-
Guava	-	-	-	L-49	Seedlings	362 Nos	3000	14,480/-	-
Lime	-	-	-	Kazgi	Seedlings	150 Nos	1500	3,000/-	-



Vegetables	-	-	-	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-	-	-	-

#### 14C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
01	Trichoderma	819 (kg)	25,000	1,06,470=00	Awareness about importance of trichodema has been created and there is need to have large scale production unit to meet increased demad of farmers

#### 14D. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
01	Cow	HFX Deoni cross breed	Milk (L)	17560 (Liters)	4,28,000	5,68,750	-
			Cows and Calf	06			-
02	Sheep	Decanni	Lambs	10	20,000	45,000	-

#### 14E. Utilization of hostel facilities

Accommodation available (No. of beds) - 30

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January	-	-	-
February	17	09	-
March	42	21	-
April	-	-	-
May	-	-	-
June	03	03	-
July	-	-	-
August	-	-	-
September	-	-	-
October	03	03	-
November	03	03	-
December	02	05	-

#### 14F. Database management

S.No	Database target	Database created
1	Training Database	Under progress
2	Seeds and Planting Material Database	Under progress
3	Frontline Demonstrations Database	Under progress
4	KMAS details	Under progress
5	Soil Analysis Data Base	Under progress
6	Water Analysis Data Base	Under progress
7	KVK Inventory of Assets	Under progress

8	KVK Publication	Under progress
9	Extension Programmes	Under progress
10	Resource inventory of the District	Under progress
11	Farmers Database	Under Progress
12	KVK Accounts Database	Under progress
13	Technology Inventory for the District	Under progress
14	Technologies assessed and Refined	Under progress

#### 14G. Details on Rain Water Harvesting Structure and micro-irrigation system : Nil

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

### PART XV – SPECIAL PROGRAMMES

#### 15.1 Paramparagath Krishi Vikas Yojana (PKVY)

Sl No.	Name of cluster village	Initial soil fertility status (Average of cluster village)				Facilities created for organic source of manure	Name of Crops cultivated	Variety	Organic inputs applied including bio-agents and botanicals treatment	Yield (q/ha)	Economics	
		Ava l. N	Ava l. P	Ava l. K	O C %						Cost of cultivation (Rs/ha)	Net returns (Rs/ha)
1	Choudadanapura	L	M	L	L	Jeevamrutha Unit, Vermicomposting Unit	Maize, Paddy	Hybrid	Green manure-Sunhemp, Biofertilizers- Azospirillum, PSB (Liquid), Trichoderma, Vermicompost, Jeevamrutha	20.0	38000	50000

#### 15.2 District Agriculture Meteorological Unit (DAMU)

Sl No.	Agro advisories			Farmers awareness programmes	
	No of Agro advisories generated	No of farmers registered for agro advisories	No of farmers benefitted	No of programmes	No of farmers benefitted
1	21	1250	More than 1000	21	698

#### 15.3 Fertilizer awareness programme 2020

State	Name of KVK	Details of Activities/programme Organised	Number of Chief Guests	No. of Farmers attended program	Total participants
Karnataka	ICAR-KVK, Haveri	Training to practicing farmers on fertilizer application awareness	02	50	52



**15.11 NARI : Nil**

Activity	Achievement	
	Number of activity	No. of farmers/ beneficiaries
OFTs – Nutritional Garden (activity in no. of Unit)	-	-
OFTs – Bio-fortified Crops (activity in no. of Unit)	-	-
OFTs – Value addition(activity in no. of Unit/Enterprise)	-	-
OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	-	-
FLDs – Nutritional Garden (activity in no. of Unit)	-	-
FLDs – Bio-fortified Crops (activity in no. of Unit)	-	-
FLDs – Value addition(activity in no. of Unit/Enterprise)	-	-
FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	-	-
Trainings	-	-
Extension Activities	-	-

**15.12 KVK Portal**

No. of Events added by KVKs	No. of Facilities added by KVKs	Filled Report on Package of Practices (Y/N)				Filled Profile Report (Y/N)							
		Crop	Livestock	Fisheries	Horticulture	Employees	Posts	Finance	Soil Health Cards	Appliances	Crops	Resources	Fish
482	5	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	N

**15.13 KSHAMTA : Nil**

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training
-	-	-	-	-

**15.14 DFI**

Sl	District	Taluks	Villages	Farmers (No.)	Average Benchmark Income (Rs/year)	Crops/enterprises	KVK Interventions	Additional Net Income generated due to KVK interventions (Rs/year)	Total income of farmer (Rs/year)
01	Haveri	Ranebennur	ChoudayyaDanapura	50	91,190	Maize, Vegetables, Paddy, Sugarcane, Dairy	FLD on production technologies	10,000	1,01,190
02	Haveri	Rattihalli	Yadagoda	50	1,59,199	Maize, Banana, Vegetables, Dairy	FLD and OFT on production technologies,	8,700	1,67,899

							training programme, Diagnostic visits, Method demonstration		
03	Haveri	Shiggoan	Bisettikoppa	50	1,03,190	Maize, Soybean, Groundnut, Vegetables, Paddy	FLD and OFT on production technologies	8,600	1,11,790
04	Haveri	Hanagal	Shigihalli – Shingapur Plot	50	1,23,692	Sugarcane, Soybean, Maize, Dairy	FLD and OFT on production technologies, training programme, Diagnostic visits, Method demonstration	13,500	1,37,192
05	Haveri	Shiggoan	Baradur	50	1,11,704	Cotton, Groundnut, Soybean, Maize, Vegetables	FLD and OFT on production technologies, training programme, Diagnostic visits, Method demonstration	12,500	1,24,204

## **PART XVI - FINANCIAL PERFORMANCE**

### **16A. Details of KVK Bank accounts**

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
Saving (KVK main)	State Bank of India	Ranebennur	00909	Senior Scientist and Head	10811387935	581002102	SBIN0000909
Saving (ICAR RF)	State Bank of India	Ranebennur	00909	Senior Scientist and Head	10811389160	581002102	SBIN0000909
Current (ICAR RF)	State Bank of India	Ranebennur	00909	Senior Scientist and Head	36461706479	581002102	SBIN0000909

### **16B. Utilization of KVK funds during the year 2020-21(Rs. in lakh) : April 2020 to December 2020**

S. No.	Particulars	Sanctioned	Released	Expenditure
<b>A. Recurring Contingencies</b>				
1	<b>Pay &amp; Allowances</b>	124.00	92.82	92.82
2	<b>Traveling allowances</b>	1.50	0.87	0.87
3	<b>Contingencies</b>			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	2.25	2.20	2.20
B	POL, repair of vehicles, tractor and equipments	1.65	1.63	1.63
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	1.00	0.32	0.32
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1.00	0.35	0.35

<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	3.76	2.58	2.58
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	0.90	0.71	0.71
<i>G</i>	Training of extension functionaries	0.25	0.08	0.08
<i>H</i>	Extension activities	0.50	0.43	0.43
<i>I</i>	Maintenance of buildings	0.50	0.50	0.50
<i>J</i>	Soil health	0.25	0.25	0.25
<i>K</i>	Nutri garden	0.25	0.25	0.25
<i>L</i>	Library	0.20	0.13	0.13
<b>TOTAL (A)</b>		<b>138.01</b>	<b>103.12</b>	<b>103.12</b>
<b>B. Non-Recurring Contingencies</b>				
1	<b>Works</b>	0	0	0
2	<b>Equipment including SWTL &amp; Furniture</b>	0	0	0
3	<b>Vehicle</b> (Four wheeler/Two wheeler, please specify)	0	0	0
4	<b>Library</b> (Purchase of assets like books & journals)	0	0	0
<b>TOTAL (B)</b>		0	0	0
<b>C. REVOLVING FUND</b>		0	0	0
<b>GRAND TOTAL (A+B+C)</b>		<b>138.01</b>	<b>103.12</b>	<b>103.12</b>

#### 16C. Status of revolving fund (Rs. in lakh) for the last three years

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year
April 2018 to March 2019	3,60,878=60	7,24,887=00	6,60,447=00	4,25,227=60
April 2019 to March 2020	2,61,186=60	12,84,325=00	10,19,291=00	5,27,103=10
April 2020 to February 2021	6,24,395=10	15,67,646=00	12,30,432=00	9,61,609=00

#### 17. Details of HRD activities attended by KVK staff

Name of the staff	Designation	Title of the training programme	Institute where attended	Dates
Dr. Rajakumar GR	Scientist (Soil Science)	Digital Applications for Promotion of Marketing in Agriculture and Allied Sectors	EI Hyderabad (Online Webinar))	24th – 28th August, 2020
Dr. Ashoka P	Senior Scientist and Head	Massive open online course on “Psychology of learning”	ICAR-NAARM, Hyderabad (Online Webinar))	1-15 <sup>th</sup> May, 2020
Dr. Ashoka P	Senior Scientist and Head	Short Course on “Precision Agriculture: A technology for income Augmentation & Entrepreneurship Development”	Multi-Technology Testing center & Vocational training center, College of Fisheries Central Agricultural University, Imphal, India (Online Webinar))	7-18 <sup>th</sup> July, 2020
Dr. Ashoka P	Senior Scientist and Head	Online training programme on “Communication and Management skills for extension professionals”	ICAR-NAARM, Hyderabad (Online Webinar))	1-21 <sup>st</sup> October 2020 (21 days)

Dr. Ashoka P	Senior Scientist and Head	Online training programme on “Human Resource Development for Organizational Excellence”	Extension Education Institute, Dept. of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Govt. of India (Online Webinar))	19-23 <sup>th</sup> January, 2021
Dr. Ashoka P	Senior Scientist and Head	<b>National training</b> on seed production techniques in agrochemical and horticultural crops	R. B. (PG) College Agriculture compus, Mudi Agra and ICAR-IGFRI, Jhansi (UP) & Yashi Research Foundation New Delhi & Hindustan Agricultural Research & Welfare society & KVK, Bichpuri, Agra. (Online Webinar))	13-18 <sup>th</sup> July 2020
Dr. Ashoka P	Senior Scientist and Head	International training Programme on “Climate Risk Assessment and Its management through Agro meteorological Approaches”	Dry land Agriculture Research Station, Rangreth, SKUAST, Kashmir (Online Webinar))	21-30 <sup>th</sup> October 2020
Dr. Ashoka P	Senior Scientist and Head	Training on “Space technology and Machine learning for agriculture”	Centre for Agricultural Market intelligence AAU, Anand (Online Webinar))	28 <sup>th</sup> and 29 <sup>th</sup> October 2020
Dr. Ashoka P	Senior Scientist and Head	Online training on “Networking, Marketing and Negotiation Skills”	College of Agriculture, Vijayapur, UAS, Dharwad (Online Webinar))	12 <sup>th</sup> November 2020
Dr. Ashoka P	Senior Scientist and Head	Training program on “Climate Resilient Development in Agriculture”	MANAGE, Rajendra Nagar, Hyderabad (Online Webinar))	7-11 <sup>th</sup> December, 2020
Dr. Shivamurthy D	Scientist (Agronomy)	Precision Agriculture: A Techonology for Income Augmentation & Entrepreneurship Development	Central Agricultural University, Imphal (Online Training)	7 <sup>th</sup> July to 18 <sup>th</sup> July 2020
Dr. Shivamurthy D	Scientist (Agronomy)	Gender in Agriculture Development	MANAGE , Hyderabad (Online Training)	27 <sup>th</sup> July to 5 <sup>th</sup> August 2020
Dr. Shivamurthy D	Scientist (Agronomy)	National webinar on Plant Biological Interventions for climate Smart Agriculture	Bihar Agril. Uni., Sabour (Online Training)	30 <sup>th</sup> July, 2020
Dr. Shivamurthy D	Scientist (Agronomy)	Risk Mitigation in Agriculture	MANAGE , Hyderabad (Online Training)	17 <sup>th</sup> August to 24 <sup>th</sup> August, 2020 (8 Days)
Dr. Shivamurthy D	Scientist (Agronomy)	Gender mainstreaming in Agriculture Extension Management	MANAGE , Hyderabad (Online Training)	07 <sup>th</sup> September to 11 <sup>th</sup> September 2020 (5 Days)
Dr. Shivamurthy D	Scientist (Agronomy)	Application of ICTs in Agriculture	MANAGE , Hyderabad (Online Training)	23 <sup>rd</sup> November to 29 <sup>th</sup> November (7 Days)
Dr. K. P. Gundannavar	Scientist (Entomology)	Recent Advances in Entomology – New Dimension to Invigorate the Insect Pest Management	UHS Bagalkot	7-18, December, 2020
Dr. Santhosha, H. M	Scientist (Horticulture)	Urban Farming for Extension Professionals	EEl, Hyderabad	12.10.20 to 16.10.20

Dr. Santhosha, H. M	Scientist (Horticulture)	Risk Mitigation in Agriculture	MANAGE , Hyderabad (Online Training)	17 <sup>th</sup> August to 24 <sup>th</sup> August, 2020 (8 Days)
Dr. Mahesh Kadagi	Scientist (Animal Science)	Online Workshop of All India Fodder production officers: Kharif	Online ( IGFRI Jhansi, UP) ICAR-Indian Grassland and Fodder Research Institute, Jhansi Jhansi , UP	23/06/2020 to 26/06/2020 (04 Days)
Dr. Mahesh Kadagi	Scientist (Animal Science)	National Webinar on Kadaknath Farming- present status to future prospect	KVK, Jhabua (MP), Zonal Agricultural Research Station Jhabua (M.P)	09/07/2020 (1 Day)
Dr. Mahesh Kadagi	Scientist (Animal Science)	online International Workshop on "An approach to wildlife anaesthesia, surgery and management"	College of Veterinary Science & A .H ., Rewa (M .P.) and Nanaji Deshmukh Veterinary Science University Jabalpur	11/07/2020-13/07/2020 (3 Days),
Dr. Mahesh Kadagi	Scientist (Animal Science)	Modern Methodologies in Statistical Data Analysis for Effective Agricultural Research	College of Agriculture, UAS, Raichur, Karnataka under ICAR-NAHEP (IG) project	13/07/2020 - 17/07/2020 (5 Days),
Dr. Mahesh Kadagi	Scientist (Animal Science)	Intellectual Property Rights and Patents	NAHEP, College of Fisheries, CAU (Imphal), Lembucherra, Tripura	20/07/ 2020 (1 Day),
Dr. Mahesh Kadagi	Scientist (Animal Science)	Managing Online Classes and Co-Creating Moocs 3.0 (Online)	Online Ramanujan College, University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT	25/07/2020 to 10/08/2020 (15 Days)
Dr. Mahesh Kadagi	Scientist (Animal Science)	Cyclone Management	National Institute of Agricultural Extension Management (MANAGE), Hyderabad	27/07/2020 to 05/08/2020 (10 Days),
Dr. Mahesh Kadagi	Scientist (Animal Science)	Advances in Fodder Production, Utilization and Conservation for Improving Livestock Health, Productivity and Environmental Sustainability (Online)	Online (IGFRI, Srinagar) ICAR-Indian Grassland and Fodder Research Institute (IGFRI), Srinagar (UT of J &K) and National Agriculture Development Cooperative Ltd, Delina, Baramulla (UT of J & K)	20-08-2020 to 09-09-2020 (21 days)



18. Please include any other important and relevant information which has not been reflected above (write in detail). Like details regarding FPO formation, Achievements during COVID-19 lockdown period.

**ICAR Krishi Vigyan Kendra, Haveri (Hanumanamatti) and Farmers Producer Organisation linkage for Technical support under CHD scheme**

1. Total no of Horticulture FPO Supported: 04
2. Extension activities carried out by KVK:

Si.No.	Name of FPO	Theme	Activity
1	Kumudwati Horticulture FPO, Rattihalli	Crop productivity improvement	Demonstrations:01 Training:01
		Popularisation of new technologies to minimise cost of cultivation	Demonstrations:02 Training:02
		Information about business plan, PH management and to link FPO to market	Study tour : 01
2	Byadgi Horticulture FPO, Chikkabasuru	Crop productivity improvement	Demonstrations:01 Training:01
		Popularisation of new technologies to minimise cost of cultivation	Demonstrations:02 Training:02
		Information about business plan, PH management and to link FPO to market	Study tour : 01
3	Kumareshwara Horticulture FPO, Hangal	Crop productivity improvement	Demonstrations:02 Training:01
		Popularisation of new technologies to minimise cost of cultivation	Demonstrations:-01 Training:01
		Information about business plan, PH management and to link FPO to market	Study tour : 01
4	Bhutayi Horticulture FPO, Haveri	Crop productivity improvement	Demonstrations:02 Training:01
		Popularisation of new technologies to minimise cost of cultivation	Demonstrations:01 Training:01
		Information about business plan, PH management and to link FPO to market	Study tour : 01

**(a) Transfer of Technologies : Demonstration details**

Sl. No	Title	Season/Date	Place	Number of farmers per demo
1	ICM in Ginger	<i>Kharif</i>	Rattihalli,	05
2	ICM in Ginger	<i>Kharif</i>	Chikkabasuru	05
3	ICM in Arecanut	<i>Kharif</i>	Rattihalli,	05
4	ICM in Arecanut	<i>Kharif</i>	Chikkabasuru	05
5	ICM in Arecanut	<i>Kharif</i>	Hanagal	05
6	Bunch care technologies in banana for high yield	<i>Kharif</i>	Rattihalli	05
7	Bunch care technologies in banana for high yield	<i>Kharif</i>	Chikkabasuru	05
8	Bunch care technologies in banana for high yield	<i>Kharif</i>	Hanagal	05
9	Bunch care technologies in banana for high yield	<i>Kharif</i>	Guttala	05
10	ICM in Onion	<i>Rabi</i>	Guttala	05
11	ICM in Chilli	<i>Rabi</i>	Guttala	05
12	ICM in Mango	<i>Rabi</i>	Hanagal	05

### Demonstrations field Photographs

	
Demonstration on Banana crop	ICM in Ginger demonstration field visit
	
ICM in Onionfield visit	Bunch care technologies in banana for high yield demonstration
	
ICM in Arecanut demonstration	ICM in chilli demonstration

#### (b) Training programmes details: 10

Sl. No	Name of the training programme	Duration with dates	Place	No of FPO members /officers
1	Ginger crop production technology	1 day 26.7.2019	KVK, Hanumanamatti	25
2	Banana crop production technology	1 day 23.8.2019	KVK, Hanumanamatti	25
3	Arecanut production technology	1 day 23.8.2019	KVK, Hanumanamatti	25
4	Banana crop production technology	1 day 25.10.2019	Chikkabasuru	25
5	Ginger rhizome rot disease complex management	1 day 2.11.2019	Rattihalli	25
6	ICM in Arecanut	1 day 27.11.2019	Chikkabasuru	19
7	ICM in Arecanut	1 day 5.12.2019	Satenahalli	25
8	ICM in Onion	1 day 11.12.2019	Guttala	16
9	ICM in Mango	1day 16.12.2019	KVK, Hanumanamatti	25
10	ICM in Banana	1 day 31.12.2019	Devagiri	10

**Training programmes Photographs**



Training on ICM in Banana



Training on Ginger rhizome rot disease complex management



Training on Ginger rhizome rot disease complex management



Training on ICM in Mango and Arecanut



Training on ICM in Onion



Training on ICM in Banana

**(c) Diagnostic visit to farmer's fields :09**

No.	Particulars	Date	Place
1.	Visited FPO office of Chikkabasuru and Banana field with sigatoka leaf spot	10.10.2019	Chikkabasuru
2.	Banana, Arecanut and ginger field diagnostic visit	25.10.2019	Chikkabasuru
3.	Ginger rhizome rot affected field visit and conducted method demonstration on Banana special application	2.11.2019	Yadgod
4.	Onion purple blotch and thrips affected field visit	23.11.2019	Yadgod
5.	Arecanutbunch drop and leaf sheath splitting field visit	27.11.2019	Chikkabasuru
6.	Visited FPO office of Rattihalli and Panama wilt affected banana field visit	29.11.2019	Rattihalli
7.	Arecanut and Mango field visit	5.12.2019	Satenahalli
8.	Chilli leaf curl affected field visit	11.12.2019	Guttala
9.	Panama wilt affected banana field visit	31.12.2019	Devagiri







**Field visit Photographs**

	
Chilli leaf curl affected field visit	Banana Panama wilt affected field visit
	
Arecanutbunch drop and leaf sheath splitting field visit	Ginger rhizome rot affected field visit
	
Onion purple blotch and thrips affected field visit	

**(d) Exposure visit : 04**

Si.No.	Name of FPO	Date	Place	No. of farmers
1	Kumudwati Horticulture FPO, Rattihalli	27.02.2020 – 02.03.2020	KVK, Kaneri, Kolhapur KVK, Baramati, RaleghanSiddi village Sahyadri Farmers Producer Company Ltd. Nashik	42
2	Byadgi Horticulture FPO, Chikkabasuru	26.02.2020 – 02.03.2020	KVK, Kaneri, Kolhapur KVK, Baramati, RaleghanSiddi village Sahyadri Farmers Producer Company Ltd. Nashik Mahatma Phule Krishi Vidyapeeth, <i>Rahuri</i>	43
3	Kumareshwara Horticulture FPO, Hangal	26.02.2020 – 02.03.2020	KVK, Kaneri, Kolhapur KVK, Baramati, RaleghanSiddi village Sahyadri Farmers Producer Company Ltd. Nashik, Mahatma Phule Krishi Vidyapeeth, <i>Rahuri</i>	44
4	Bhutayi Horticulture FPO, Haveri	27.02.2020 – 02.03.2020	KVK, Kaneri, Kolhapur KVK, Baramati, RaleghanSiddi village Sahyadri Farmers Producer Company Ltd. Nashik KVK, Dharwad	38

**FPO Tour**

	
FPO tour started from KVK	FPO tour first day
	
Sahyadri Farmers Producer Company Ltd. Nashik	KVK, Kaneri, Kolhapur visit
	
Visit to Fodder production unit (Hydroponics)	Visit to FYM based products preparation unit

### Achievements during COVID-19 lockdown period.

#### Information on Market linkage by KVK

Sl No	No fo farmers	Market	KVK Intervention	Produce Quantity	Amount (Rs)
01	05	Kumdwathi Horticulture FPO, Rattihalli, Haveri	Market linkage	13.45 Qtl (Papaya, Tomato, Gourds, Chilli)	20370
02	02	Byadgi Horticulture FPO, Chikkabasur	Market linkage	7 Qtl (Banana, Cucumber)	10050
03	07	Bhootayi Horticulture FPO, Haveri	Market linkage	72 Qtl (Mango)	314000
04	02	Mangaloru Chilli export	Market linkage	10 Qtl (Green Chilli)	10600
05	40	Local Buyers	Market linkage	1201.2 Qtl (Maize, Vegetables, Fruits)	28,94,241

#### Extension activities carried out

Sl No	Particular	No of Programmes	No fo farmers
1	Dignostic visit	31	73
2	Awarness programme on Covid-19	36	139
3	Field visits	18	51
4	Mass media coverage	26	-



#### ಕಂಪನಿಗಳ ನೇರವಾಗಿ ರೈತರ ಉತ್ಪನ್ನ ಖರೀದಿಸಲಿ

ಕಂಪನಿಗಳ ನೇರವಾಗಿ ರೈತರ ಉತ್ಪನ್ನ ಖರೀದಿಸಲಿ. ಇದು ರೈತರ ಉತ್ಪನ್ನಗಳನ್ನು ನೇರವಾಗಿ ಕಂಪನಿಗಳಿಗೆ ಮಾರಾಟ ಮಾಡುವ ಒಂದು ಉತ್ತಮ ಮಾರ್ಗವಾಗಿದೆ. ಇದರಿಂದ ರೈತರ ಉತ್ಪನ್ನಗಳ ಮೇಲೆ ಮಧ್ಯಸ್ಥಿಕೆ ಇರುವುದಿಲ್ಲ ಮತ್ತು ರೈತರ ಉತ್ಪನ್ನಗಳಿಗೆ ಹೆಚ್ಚಿನ ಮಾರುಕಟ್ಟೆ ದೊರಕುತ್ತದೆ.

#### ಬೆಳೆಗಳ ಮಾರಾಟಕ್ಕೆ ಕೆವಿಕೆ ನೆರವು

ರೈತರ ನೇರವಾಗಿ ವೇದಿಕೆಯಾಗಿಯೂ ಹಸುಮನುಷ್ಯ ಕೃಷಿ ವಿಜ್ಞಾನ ಕೇಂದ್ರ, ಕೆವಿಕೆ ನೆರವು. ಇದು ರೈತರ ಉತ್ಪನ್ನಗಳನ್ನು ನೇರವಾಗಿ ಮಾರಾಟ ಮಾಡುವ ಒಂದು ಉತ್ತಮ ಮಾರ್ಗವಾಗಿದೆ. ಇದರಿಂದ ರೈತರ ಉತ್ಪನ್ನಗಳ ಮೇಲೆ ಮಧ್ಯಸ್ಥಿಕೆ ಇರುವುದಿಲ್ಲ ಮತ್ತು ರೈತರ ಉತ್ಪನ್ನಗಳಿಗೆ ಹೆಚ್ಚಿನ ಮಾರುಕಟ್ಟೆ ದೊರಕುತ್ತದೆ.

#### ಉದಯವಾಣಿ

ಮೇಣಿಸಿನಕಾಯಿ ಸಸಿ ಪರಿಶೀಲನೆ. ಇದು ರೈತರ ಉತ್ಪನ್ನಗಳನ್ನು ನೇರವಾಗಿ ಮಾರಾಟ ಮಾಡುವ ಒಂದು ಉತ್ತಮ ಮಾರ್ಗವಾಗಿದೆ. ಇದರಿಂದ ರೈತರ ಉತ್ಪನ್ನಗಳ ಮೇಲೆ ಮಧ್ಯಸ್ಥಿಕೆ ಇರುವುದಿಲ್ಲ ಮತ್ತು ರೈತರ ಉತ್ಪನ್ನಗಳಿಗೆ ಹೆಚ್ಚಿನ ಮಾರುಕಟ್ಟೆ ದೊರಕುತ್ತದೆ.

### ಕಂಪನಿಗಳ ನೇರವಾಗಿ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸಲಿ

ಕಂಪನಿಗಳ ಕಾರ್ಯಾಚರಣೆಗಳನ್ನು ಸುಗಮಗೊಳಿಸಲು ಮತ್ತು ಉತ್ಪಾದನೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಸರ್ಕಾರವು ಕಂಪನಿಗಳಿಗೆ ನೇರವಾಗಿ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸಲು ಅವಕಾಶ ನೀಡಿದೆ. ಈ ಮೂಲಕ ಕಂಪನಿಗಳಿಗೆ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸುವಲ್ಲಿ ಸುಲಭತೆ ಮತ್ತು ವೇಗವನ್ನು ನೀಡಲಾಗುತ್ತದೆ. ಈ ಮೂಲಕ ಕಂಪನಿಗಳಿಗೆ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸುವಲ್ಲಿ ಸುಲಭತೆ ಮತ್ತು ವೇಗವನ್ನು ನೀಡಲಾಗುತ್ತದೆ.



ಈ ಮೂಲಕ ಕಂಪನಿಗಳಿಗೆ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸುವಲ್ಲಿ ಸುಲಭತೆ ಮತ್ತು ವೇಗವನ್ನು ನೀಡಲಾಗುತ್ತದೆ. ಈ ಮೂಲಕ ಕಂಪನಿಗಳಿಗೆ ದತ್ತ ಉತ್ಪನ್ನ ಖರೀದಿಸುವಲ್ಲಿ ಸುಲಭತೆ ಮತ್ತು ವೇಗವನ್ನು ನೀಡಲಾಗುತ್ತದೆ.

### ಕೃಷಿ ಮತ್ತು ಪರಿಹಾರಮಾಪನಾ ಕಾರ್ಯಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರ

ಕೃಷಿ ಮತ್ತು ಪರಿಹಾರಮಾಪನಾ ಕಾರ್ಯಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರ. ಕೃಷಿ ಮತ್ತು ಪರಿಹಾರಮಾಪನಾ ಕಾರ್ಯಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರ. ಕೃಷಿ ಮತ್ತು ಪರಿಹಾರಮಾಪನಾ ಕಾರ್ಯಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರ.

### ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ

ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.

### ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ

- ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.
- ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.
- ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.
- ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.
- ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ. ಮುಂಗಡ ಬಡ್ಡಿ ಸುಧಾಕೆ.