



Name of farmer : Hunnu chavan  
 Address : Arkeri  
 Age : 53  
 Education : Primary  
 Size of land holding (in acre) : 3.5

### 1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bajra	1.0	4 q	4800	3800
Field Crop 2	Maize	2.5	37.5 q	56250	30000
Livestock 1	Goat	2 no	0.45q	12000	10000
Livestock 2	Poultry	20 no	0.8 q	12000	10000
<b>Total</b>		<b>3.5</b>		<b>85050</b>	<b>53800</b>

### 2) Status in 2020

Component		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2.5	39 q	70200	46200	4	54
Hort. Crop 1	Fig	1.0	3 q	30000	25000	>100	>100
Livestock 1	Dairy	8 no	6720lt	336000	168000	>100	>100
Livestock 2	Goat	7 no	3.10q	84000	72000	588	620
Other enterprise	Poultry	63no	1.20q	18000	15000	50	50
Other enterprise	Fisheries		5.2 q	47000	38000	>100	>100
<b>Total</b>		<b>3.5</b>		<b>585200</b>	<b>364200</b>		<b>577</b>

**Brief:** The farmer used to get annual income of Rs. 53800 from Maize, goat, Poultry, etc. He faced problems like less income etc. With DFI interventions like diversification of components and Integrated farming system, he is getting annual income of Rs. 364200. There is a percentage increase by 577 over base year.



View of farmers Dairy unit



View of farmers Poultry unit



## Effect of DFI intervention

Name of KVK: Vijayapura-I

Name of farmer : Vinod Pujari  
 Address : Muttagi  
 Age : 19  
 Education : Diploma  
 Size of land holding (in acre) : 6

### 1) Before Intervention

Component		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.0	12 q	18000	12000
Field crop 2	Pigeonpea	5.0	25 q	112500	82500
Livestock 1	Dairy	3 no	5040 lt	210000	84000
Livestock 2	Goat	5 no.(2)	0.3 q	14000	14000
<b>Total</b>		<b>6.0</b>		<b>354500</b>	<b>192500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Pigeonpea	4.0	24 q	144000	112000	-4	36
Field crop 2	Maize	2.0	28 q	50400	38400	133	220
Livestock 1	Dairy	10 no	18200 lt	546000	294000	261	250
Livestock 2	Goat	12 no (7)	1.05 q	49000	42000	140	200
Other	Poultry	53 no (12)	0.3 q	6000	6000	>100	>100
<b>Total</b>		<b>6.0</b>		<b>795400</b>	<b>492400</b>		<b>156</b>

**Brief:** The farmer used to get annual income of Rs. 192500 from Dairy, Goat, Maize, etc. He faced problems like less income etc. With DFI interventions like technical guidance, training on dairy, goat rearing and poultry, he is getting annual income of Rs 492400. There is a percentage increase by 156 over base year.



Visit by KVK scientists to Dairy unit



Fodder unit maintained by the farmer



Name of farmer : Ashok Malkappa Savalsangh  
 Address : Tajpur  
 Age : 48  
 Education : PUC  
 Size of land holding (in acre): 5.0

### 1) Before Intervention

### Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/N	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4.0 q	18000	11500
Field Crop 2	Maize (Local)	1.0	15.0 q	15000	9600
Hort. Crop 1	Grapes (Local)	3.0	450 q	990000	550000
Livestock 1	Buffallow\	1 no.	1960 lt	98000	70500
<b>Total</b>		<b>5.0</b>		<b>1121000</b>	<b>641600</b>

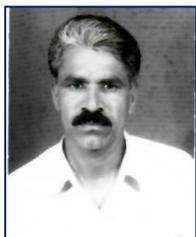
### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG 152)	1.0	5.5 q	35750	29500	38	156.5
Field Crop 2	Maize (Hybrid)	1.0	20.0 q	30000	24800	33	158.3
Hort. Crop 1	Grapes (Th.Seedless)	3.0	540 q	1350000	1080000	200	96.36
Livestock 1	Buffaloo	2 no	3930 lt	196000	165000	101	134.04
<b>Total</b>		<b>5.0</b>		<b>1611750</b>	<b>1299300</b>	<b>-</b>	<b>102</b>

**Brief:** The farmer used to get annual income of Rs. 641600 from Pigeonpea, Maize, Grapes etc. He faced problems like low yield in farm. With DFI interventions like introduction of **Integrated farming system**, he is getting annual income of Rs. 1299300.



View of GRG 152 Pigeonpea crop and Grape field



Name of farmer : Shrimanth Rathod  
 Address : Hadagali  
 Age : 52  
 Education : PUC  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.5	6 q	30000	27600
Field Crop 2	Chickpea (Local)	0.5	2 q	8000	6700
<b>Total</b>		<b>2.0</b>		<b>38000</b>	<b>34300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG- 152)	1.5	9 q	58500	55400	50	100.72
Field Crop 2	Chickpea (JG 11)	0.5	4 q	20000	17900	33	167.16
<b>Total</b>		<b>2.0</b>		<b>78500</b>	<b>73300</b>		<b>114</b>

**Brief:** The farmer used to get annual income of Rs. 34300 from Pigeonpea and Chickpea. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152, JG-11 and Pheromone traps, Pulse magic** etc., he is getting annual income of Rs 73300. There is a percentage increase of 114 over the base year.



Scientist Interaction with farmers on IPM in Pigeonpea



**Name of farmer** : Somanagouda Patil  
**Address** : Arakeri  
**Age** : 57  
**Education** : SSLC  
**Size of land holding (in acre)** : 3.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sorghum (M 35-1)	1.0	3.0 q	6000	4000
Hort. Crop 1	Chilli (Local)	1.5	100 q	150000	113000
Hort. Crop 2	Onion (Local)	1.0	110 q	88000	67200
<b>Total</b>		<b>3.50</b>		<b>244000</b>	<b>184200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sorghum (CSV 29)	1.0	5.0 q	11000	9700	66.66	106.38
Hort. Crop 1	Chilli (Arka)	1.5	155 q	263500	231500	55.00	104.86
Hort. Crop 2	Onion (Bhima)	1.0	170 q	153000	127700	54.54	69.81
<b>Total</b>		<b>3.50</b>		<b>427500</b>	<b>368900</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 184200 from Sorghum, Chilli and Onion etc. He faced problems like New hybrid and varieties etc. With DFI interventions like **Arka Kyati**, **Bheema Super** and **CSV 29 R and SPV 2217** etc., he is getting annual income of Rs.368900. There is a percentage increase of 100 over the base year.



**Introduction of new hybrid Arka Kyati**



**Introduction of new variety SPV 2217**



Name of farmer : Pavan kumar Rangatti  
 Address : Ratnapur  
 Age : 21  
 Education : Graduation  
 Size of land holding (in acre) : 12

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Sorghum	4	16 q	24000	8000
Field crop 2	Wheat	4	16 q	32000	16000
Field crop 3	Maize	2	24 q	36000	26000
Hort. Crop 1	Grapes	2	150 q	540000	240000
<b>Total</b>		<b>12</b>		<b>632000</b>	<b>290000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Sorghum	6	24 q	72000	42000	50	425
Field crop 2	Wheat	4	16 q	40000	20000	0	25
Hort. Crop 1	Dragon	2	60 q	900000	550000	>100	>100
Other	Nursery	5000 no.	5000 no.	100000	100000	>100	>100
<b>Total</b>		<b>12</b>		<b>1112000</b>	<b>712000</b>		<b>146</b>

**Brief:** The farmer used to get annual income of Rs. 290000 from sorghum, wheat, maize, grapes etc. He faced problems like cost of cultivation and diseases. With DFI interventions like trainings, IPM, IDM and introduction of dragon and organic farming, he is getting annual income of Rs. 712000. There is a percentage increase by 146 over base year.



Field visit by KVK scientists to dragon fruit farm    Field visit by KVK scientists to dragon fruit nursery

**Effect of DFI intervention****Name of KVK: Vijayapura-I**

**Name of farmer** : Sarfaraj Dafedar  
**Address** : Atalatti  
**Age** : 22  
**Education** : Graduation  
**Size of land holding (in acre)** : 7.5 acre

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sorghum	3.0	12 q	24000	12000
Field Crop 2	Maize	4.5	36 q	54000	31500
<b>Total</b>		<b>7.5</b>		<b>78000</b>	<b>43500</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Sorghum	3.0	15 q	45000	30000	25	150
Field crop 2	Maize	4.5	58.5 q	105300	60300	63	91
Livestock 1	Goat	110 no.(58)	14.5 q	217500	125000	>100	>100
	Manure			50000	50000	>100	>100
<b>Total</b>		<b>7.5</b>		<b>417800</b>	<b>265300</b>		<b>510</b>

**Brief:** The farmer used to get annual income of Rs. 43500 from Sorghum, Maize etc. He faced problems like unemployment. With DFI interventions like training and technical guidance on goat rearing he is getting annual income of Rs. 265300. There is a percentage increase by 510 over base year.



shed by KVK ASCI trainees



Visit to fodder unit by KVK scientist

Visit to goat



**Name of farmer** : Mahantesh Bheemappa Tolamatti  
**Address** : Kubakaddi  
**Age** : 58  
**Education** : 4 th class  
**Size of land holding (in acre)** : 4.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	1.0	4 q	4800	3600
Field Crop 2	Sugarcane (Local)	1.0	300 q	60000	47500
Hort. Crop 1	Chilli (Local)	2.0	110 q	89000	65600
<b>Total</b>		<b>4.0</b>		<b>153800</b>	<b>116700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Private hybrid)	1.0	7.0 q	16800	13500	133.33	275.00
Field Crop 2	Sugarcane (CO86032)	1.0	440 q	110000	94000	25.71	97.89
Hort. Crop 1	Chilli (Arka Kyati)	2.0	240 q	240000	197500	118.18	201.06
<b>Total</b>		<b>4.0</b>		<b>366800</b>	<b>305000</b>		<b>161</b>

**Brief:** The farmer used to get annual income of Rs. 116700 from Maize, Sugarcane and Chilli. He faced problems like Pest and Disease, etc. With DFI interventions like **use of Metarhizium, Pheromone traps and NPV, Metarhizium application, Microbial consortia Arka kyati, Arka meghana, vegetable special, yellow sticky traps** etc., he is getting annual income of Rs 305000. There is a percentage increase of 161 over the base year.



**Interaction with farmers on performance of new chilli hybrids Arka kyati and Arka Meghana and IPM in Sugarcane**



**Name of farmer** : Sidram bhimrai shegunshi  
**Address** : Honalli  
**Age** : 54  
**Education** : 7<sup>th</sup> std  
**Size of land holding (in acre)** : 4.2 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	2	10 q	50000	34000
Field Crop 2	Wheat	1	4 q	8000	4000
Hort. Crop 1	Pomegranate	1	25 q	150000	75000
<b>Total</b>		<b>4</b>		<b>208000</b>	<b>113000</b>

### 1) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	3	15 q	93000	69000	50	102.9
Hort. Crop 1	Pomegranate	1	45 q	337500	287500	80	283.33
Livestock 1	Buffalo	1	720 lt	28000	20000	>100	>100
<b>Total</b>		<b>4</b>		<b>458500</b>	<b>376500</b>		<b>233</b>

**Brief:** The farmer used to get annual income of Rs. 113000 from pigeonpea, wheat and pomegranate. He faced problems like bacterial blight. With technical guidance from KVK in bacterial blight management and inclusion of animal component he is getting annual income of Rs **376500**. There is a percentage increase of 233 over base year.



Bacterial blight management in pomegranate



Introduction of new pigeonpea variety TS3R



**Name of farmer** : Shahaji Eknath Bhandari  
**Address** : Arkeri  
**Age** : 30  
**Education** : S.S.L.C.  
**Size of land holding (in acre):** 20 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Wheat	3	12 q	18000	6000
Field Crop 2	Pigeonpea	9	31 q	124000	79000
Field Crop 3	Groundnut	8	80 q	400000	240000
Live stock 1	Goat	8 (4)	0.80 q	28000	20000
Others	Poultry	25 (18)	0.36 q	3600	3600
<b>Total</b>		<b>20</b>		<b>573600</b>	<b>348600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Wheat	3	15 q	34500	16500	25	175
Field Crop 2	Pigeonpea	4	24 q	144000	120000	-23	52
Field Crop 3	Groundnut	8	88 q	700000	550000	10	129
Field Crop 4	Maize	3	60 q	108000	87000	>100	>100
Field crop 5	Chickpea	2	12 q	74400	62400	>100	>100
Live Stock 1	Buffalo	4 (3)	2520	126000	121000	>100	>100
Others	Goat	25 (16)	48 q	240000	220000	100	1000
Others	Poultry	50 (32)	0.64 q	16000	16000	100	344.44
<b>Total</b>		<b>20</b>		<b>1442900</b>	<b>1192900</b>		<b>242</b>

**Brief:** The farmer used to get annual income of Rs. 348600 from redgram, groundnut and livestock. He got better yield with technical guidance from KVK and also good market rate and his annual income increased to 1192900. There is a percentage increase of 242 over base year.



IPM management in maize

Backyard Poultry unit



Name of farmer : Ningappa Yamnappa Loghavi  
 Address : Tajpur  
 Age : 62  
 Education : --  
 Size of land holding (in acre): 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	3.0	12 q	48000	35500
Live stock 1	Buffallo	1no.	1960 lt	98000	70500
<b>Total</b>				<b>146000</b>	<b>106000</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5.0	27.5 q	178750	148600	129.1	318.5
Live stock 1	Buffallo	2 no.	3930 lt	196000	145000	100.5	105.6
<b>Total</b>				<b>374750</b>	<b>293600</b>	<b>--</b>	<b>177</b>

**Brief:** The farmer used to get annual income of Rs. 106000 from Pigeonpea and livestock.. With diversification of crops, technical guidance from KVK, input supply and use of Chisel plough, his annual income has increased to Rs. 293600. There is a percentage increase of 177 over base year.



View of GRG-152 Pigeonpea field and Chisel plough operated crop



Name of farmer : Shantabai Siddappa Kalebagh  
 Address : Tajpur  
 Age : 26  
 Education : B.A  
 Size of land holding (in acre): 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	20.0 q	80000	58700
<b>Total</b>				<b>80000</b>	<b>58700</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	4.0	22 q	143000	116500	10.0	98.46
Hort.Crop 1	Grapes	1.0	150 q	375000	222100	>100	>100
Trees	Acasia	19	-	-	-	>100	>100
Others	Farm pond	01	-	-	-	>100	>100
<b>Total</b>				<b>518000</b>	<b>338600</b>	<b>-</b>	<b>476</b>

**Brief:** The farm women used to get annual income of Rs. 58700 from Pigeonpea. With technical guidance from KVK, input supply , use of Chisel plough and IFS, her annual income has increased to Rs. 338600. There is a percentage increase of 476 over base year.



View of GRG-152 Pigeonpea field and Chisel plough operation



Name of farmer : Geerish Shrishail Tolamatti  
 Address : Kubakaddi  
 Age : 58  
 Education : --  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4.0 q	16000	14300
Field Crop 2	Groundnut (Local)	0.5	3.0 q	12000	11250
Field Crop 3	Sugarcane (Local)	0.5	190 q	38000	29300
<b>Total</b>		<b>2.0</b>		<b>66000</b>	<b>54850</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-811)	1.0	6.0 q	72000	68500	50.00	379.02
Field Crop 2	Groundnut (G2-52)	0.5	4.0 q	24000	22300	33.33	98.22
Field Crop 3	Sugarcane (CO86032)	0.5	240 q	60000	46800	26.31	59.72
<b>Total</b>		<b>2.0</b>		<b>156000</b>	<b>137600</b>		<b>151</b>

**Brief:** The farmer used to get annual income of Rs. 54850 from Pigeonpea, Groundnut and Sugarcane. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 TMV-2 and IPM, CO86032, Metarhizium application, Microbial consortia** etc., he is getting annual income of Rs 137600. There is a percentage increase of 151 over the base year.



Interaction with farmers on IPM in Pigeonpea and Sugarcane



Name of farmer : Shivappa Yallappa Harijan  
 Address : Kubakaddi  
 Age : 47  
 Education :--  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3.0	12300	8100
Field Crop 2	Maize (Local)	0.5	5.0	6000	5600
Hort. Crop 1	Brinjal (Local)	0.5	15 q	22500	12800
<b>Total</b>		<b>2.0</b>		<b>40800</b>	<b>26500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-811)	1.0	6.0 q	36600	27600	100.0	240.74
Field Crop 2	Maize (Private hybrid)	0.5	8.0 q	17600	15300	60.00	173.21
Hort. Crop 1	Brinjal (Private)	0.5	250 q	50500	36800	66.66	187.50
<b>Total</b>		<b>2.0</b>		<b>104700</b>	<b>79700</b>		<b>201</b>

**Brief:** The farmer used to get annual income of Rs. 26500 from Pigeonpea, Maize and Brinjal. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction like **GRG- 811, GRG-152 and IPM like use of Metarhizium, Pheromone traps and NPV** etc., he is getting annual income of Rs 79700. There is a percentage increase of 201 over the base year.



Interaction in Maize, Pigeonpea



with farmers on IPM Brinjal and



**Name of farmer** : Mallikarjun Satoba Tajav  
**Address** : Arkeri  
**Age** : 51  
**Education** : -  
**Size of land holding (in acre):** 7 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	3	15 q	60000	45000
Field Crop 2	Sorghum	1	4 q	6000	2000
Field Crop 3	groundnut	3	30 q	150000	84000
Live stock 1	Cow	1	560 lt	14000	7000
<b>Total</b>		<b>7</b>		<b>230000</b>	<b>138000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	4	24 q	144000	124000	60	175.55
Field Crop 2	Pearl millet	1	6 q	9000	4000	>100	>100
Hort Crop 5	Tomato	1	50 q	50000	20000	>100	>100
Hort Crop 1	Brinjal	1	90 q	90000	60000	>100	>100
Live Stock 1	Cow	1	840 no.	42000	22000	50	214.28
Live stock 2	Buffalo	1	1120 lt	56000	46000	>100	>100
Others	Goat	2	-	-	-	>100	>100
<b>Total</b>		<b>7</b>		<b>391000</b>	<b>276000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 138000 from Pigeonpea, groundnut and Livestock. With diversification of crops, technical guidance from KVK , his annual income has increased to 276000. There is a percentage increase of 100 over the base year.



Management of fall army worm in maize



Harvesting stage of tomato crop



**Name of farmer** : Udeshappa basanagouda Biradar  
**Address** : Wadawadagi  
**Age** : 32  
**Education** : Diploma  
**Size of land holding (in acre):** 16 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	24 q	96000	72000
Field Crop 2	Sorghum	6	18 q	27000	17000
Field Crop 3	chickpea	4	16 q	64000	44000
<b>Total</b>		<b>16</b>		<b>187000</b>	<b>133000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	8	48 q	288000	248000	100	244.44
Field Crop 2	Cotton	5	30 q	210000	110000	>100	>100
Field crop 3	Chickpea	3	18 q	90000	75000	12.5	70.45
Others 1	Electrical work			0	150000	>100	>100
Others 2	Tractor rent			145000	100000	>100	>100
<b>Total</b>		<b>16</b>		<b>733000</b>	<b>683000</b>		<b>414</b>

**Brief:** The farmer used to get annual income of Rs. 133000 from Pigeonpea, chickpea and sorghum. With diversification of enterprises , training and technical guidance from KVK, his annual income has increased to Rs.683000. There is a percentage increase of 414 over base year.



**Intercropping of chickpea with sorghum**



**View of chickpea crop**



**Name of farmer** : Rekha Shrishail Halalli  
**Address** : Tajpur  
**Age** : 42  
**Education** : 6<sup>th</sup>  
**Size of land holding (in acre):** 6.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	2.0	8q	32000	21500
Hort.Crop 1	Grapes	4.0	600 q	1200000	670000
Live stock 1	Buffallo	01	1960 lit	98000	70500
<b>Total</b>				<b>1330000</b>	<b>762000</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	2.0	11q	71500	54600	37.5	153.9
Hort.Crop 1	Grapes	4.0	720 q	1872000	1325000	20.0	97.75
Live Stock 1	Buffallo	02	3930 lt	196000	145000	100.5	105.6
Others	Farm pond	-	-	-	-	>100	>100
<b>Total</b>				<b>2139500</b>	<b>1524600</b>	<b>-</b>	<b>100</b>

**Brief:** The farm women used to get annual income of Rs. 762000 from Pigeonpea, Grapes and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to 1524600. There is a percentage increase of 100 over base year.



View of GRG-152 Pigeonpea field and interaction with farmers



**Name of farmer** :Nijavva Kambappa Chalavadi  
**Address** : Kubakaddi  
**Age** 65  
**Education** :-  
**Size of land holding (in acre)** : 2.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3.0	15300	10900
Field Crop 2	Sorghum (Local)	0.5	2.0	4000	2900
Field Crop 3	Sugarcane (Local)	1.0	390 q	78000	58500
<b>Total</b>		<b>2.5</b>		<b>97300</b>	<b>72300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6.0	36600	30600	100.0	180.73
Field Crop 2	Sorghum (SPV 2217)	0.5	4.0	12000	10700	50.0	268.96
Field Crop 3	Sugarcane CO86032	1.0	4800 q	120000	104300	23.07	64.25
<b>Total</b>		<b>2.0</b>		<b>168600</b>	<b>145600</b>		<b>101</b>

**Brief:** The farmer used to get annual income of Rs. 72300 from Pigeonpea, Sorghum and Sugarcane. He faced problems like New varieties, Pest and diseases etc. With DFI interventions like GRG- 811, GRG-152, BDN-111, CSV 29 R, SPV 2217, CO86032 variety introduction and Pulse magic uses and IPM practices like use of Metarhizium for root grub, Microbial consortia for weed striga etc., he is getting annual income of Rs 145600. There is a percentage increase of 101 over base year.



**Introduction of new Sorghum variety CSV 29 R**



Name of farmer :Mallikarjun Kolhar  
 Address : Kubakaddi  
 Age : 42  
 Education : --  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	1.0	4.0 q	4800	3300
Field Crop 2	Sugarcane (*Local)	1.0	300 q	60000	48700
<b>Total</b>		<b>2.0</b>		<b>64800</b>	<b>52000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (O/Liter/No)	Gross Income	Net Income	production	income
Field Crop 1	Maize (Local)	1.0	8.0 q	19200	16300	100.0	393.93
Field Crop 2	Sugarcane (CO86032)	1.0	370 q	92500	82300	23.33	68.99
Livestocks	Goat	8.0 Nos	1.20 q	62400	50100	>100	>100
<b>Total</b>		<b>2.0</b>		<b>174100</b>	<b>148700</b>		<b>186</b>

**Brief:** The farmer used to get annual income of Rs. 52000 from Maize and Sugarcane. He faced problems like Pest and Disease, etc. With DFI interventions like use of **Metarhizium, Pheromone traps and NPV, Metarhizium application, Microbial consortia** etc., he is getting annual income of Rs 148700. There is a percentage increase of 186 over the base year.



Interaction with farmers on IPM in Maize and Sugarcane



**Name of farmer** : Sanganaagouda Basanagouda Biradar  
**Address** : Wadawadagi  
**Age** : 68  
**Education** : MA, B Ed.  
**Size of land holding (in acre):** 18 acre

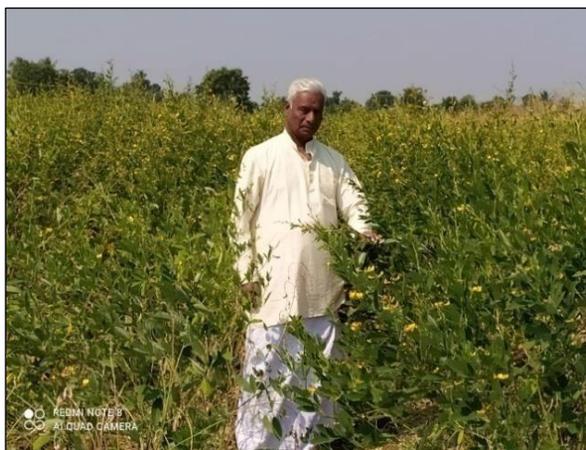
### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	9	45 q	180000	135000
Field Crop 2	Sorghum	3	12 q	18000	3000
Field Crop 3	chickpea	6	18 q	72000	48000
<b>Total</b>		<b>18</b>		<b>270000</b>	<b>186000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	10	60 q	360000	300000	33	122
Field Crop 2	Sorghum	3	12 q	24000	12000	0	300
Field crop 3	Chickpea	3	12 q	72000	54000	-33	13
Horti crop 1	Onion	2	120 q	180000	130000	>100	>100
Live stock 1	Cow	1	560 lt	28000	20000	>100	>100
<b>Total</b>		<b>18</b>		<b>664000</b>	<b>516000</b>		<b>177</b>

**Brief:** The farmer used to get annual income of Rs. 186000 from Pigeonpea, chickpea and sorghum. With diversification of crops and use of vermicompost purchased from KVK, his annual income has increased to Rs.516000. There is a percentage increase of 177 over base year.



Introduction of pulse magic in pigeonpea



Management of fall army worm in maize



**Name of farmer** : Revansidappa Sidraya Chandkavate  
**Address** : Atharga  
**Age** : 42  
**Education** : BA  
**Size of land holding (in acre):** 13 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	4	24 q	96000	76000
Field Crop 2	Wheat	4	16 q	32000	16000
Field Crop 3	Sorghum	2	8 q	12000	4000
Field crop 4	Chickpea	3	12 q	48000	36000
<b>Total</b>		<b>13</b>		<b>188000</b>	<b>132000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5	30 q	180000	150000	25	97
Field crop 2	Chickpea	4	16 q	96000	72000	33	100
Field crop 3	Foxtail millet	1	10 q	15000	12000	>100	>100
Hort. Crop 1	Pomegranate	3	30 q	150000	100000	>100	>100
<b>Total</b>		<b>13</b>		<b>441000</b>	<b>334000</b>		<b>153</b>

**Brief:** The farmer used to get annual income of Rs. 132000 from Pigeonpea, chickpea and sorghum. With diversification of crops and technical guidance, inputs from KVK, his annual income has increased to Rs.334000. There is a percentage increase of 153 over base year.



Introduction of Millet in farmers field



View of chickpea field



Name of farmer : Sugulabai Mallappa Tikoti  
 Address : Hittinahalli  
 Age : 65  
 Education : 7th  
 Size of land holding (in acre): 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	15 q	60000	41500
Livestock	Buffallo	02	3930 lit	196000	145000
<b>Total</b>				<b>256000</b>	<b>186500</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	5.0	30 q	204000	166000	100	300
Livestock 1	Buffallo	04	7750 lt	378000	282000	97.2	94.48
Livestock 2	Chicks	09	-	-	-	>100	>100
<b>Total</b>				<b>582000</b>	<b>448000</b>	-	<b>140</b>

**Brief:** The farmer used to get annual income of Rs. 186500 from Pigeonpea and Livestock. He faced problems like low yield in farm. With DFI interventions like introduction of new Pigeonpea variety GRG 152, Chisel plough and Livestock she is getting annual income of Rs. 448000. There is a percentage increase of 140 over the base year.



View of GRG-152 Pigeonpea field and BBF opener



Name of farmer : Jyoti Mallikarjun Choulagi  
 Address : Bijjaragi  
 Age : 35  
 Education : B.Sc  
 Size of land holding (in acre): 4.0 acre

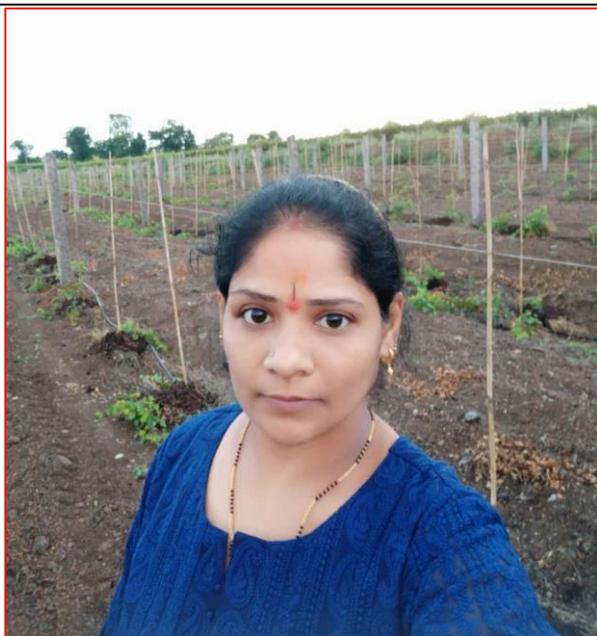
### 1) Before Intervention (2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Grapes	2.0	300 q	600000	395000
Live stock 1	Goat	02	0.44 q	12380	7800
			<b>Total</b>	<b>612380</b>	<b>402800</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Grapes	4.0	720 q	1872000	1325000	140	235.4
Live Stock 1	Goat	06	1.34 q	36850	22650	204.5	190.3
Others	Farm pond	01	--	--	--	>100	>100
Trees	Neem	13	--	--	--	>100	>100
			<b>Total</b>	<b>1908850</b>	<b>1347650</b>	<b>--</b>	<b>234</b>

**Brief:** The farm women used to get annual income of Rs. 402800 from Grapes and livestock. He got better yield with technical guidance from KVK and also good market rate and her annual income increased to Rs. 1347650. There is a percentage increase of 234 over base year.



View of Grape crop in farmers field



Name of farmer : Sangappa Adeveppa Telagi  
 Address : Kubakaddi  
 Age : 60  
 Education : ---  
 Size of land holding (in acre) : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (O/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	16000	14300
Field Crop 2	Chickpea (Local)	1.0	3 q	12500	8500
Hort. Crop 1	Onion(Local)	1.0	110 q	88000	75200
<b>Total</b>		<b>3.0</b>		<b>116500</b>	<b>98000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-811)	1.0	6 q	72000	68500	50.00	379.02
Field Crop 2	Chickpea (JG-11)	1.0	5 q	26000	21500	66.66	152.94
Hort. Crop 1	Onion (Bheema)	1.0	170 q	153000	136300	54.54	81.25
Others	Vermicomposting	2 beds	25 q	20000	16200	>100	>100
<b>Total</b>		<b>3.0</b>		<b>271000</b>	<b>242500</b>		<b>147</b>

**Brief:** The farmer used to get annual income of Rs. 98000 from Pigeonpea, Chickpea and Onion. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction like **GRG-811, JG-11, use of pulse magic and chickpea magic, use of pheromone traps** etc., he is getting annual income of Rs 242500. There is a percentage increase of 147 over the base year.



**Demonstration of GRG 152 variety in farmers field condition**



**Name of farmer** : Mallappa Sabanna Unnad  
**Address** : Kubakaddi  
**Age** : 41  
**Education** : 11<sup>th</sup>  
**Size of land holding (in acre)** : 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	16000	10800
Field Crop 2	Wheat (Local)	0.5	2 q	7000	5200
<b>Total</b>		<b>1.5</b>		<b>23000</b>	<b>16000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (O/Liter/No)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	30600	50.00	183.33
Field Crop 2	Wheat (UAS 304)	0.5	4 q	22000	19900	100.0	282.69
Live stocks	Goat	7 Nos.	1.19 q	59500	45500	>100	>100
<b>Total</b>		<b>1.5</b>		<b>118100</b>	<b>96000</b>		<b>500</b>

**Brief:** The farmer used to get annual income of Rs. 16000 from Pigeonpea and Wheat. He faced problems like new varieties, Pest and Disease etc. With DFI interventions like **GRG- 811, GRG-152, BDN-111 variety introduction and Pulse magic use in Pigeonpea and in Wheat use of UAS- 304 variety, Seed treatment with biofertilizers, use of Emamectin benzoate for shoot fly management** etc., he is getting annual income of Rs 96000. There is a percentage increase of 500 over the base year.



Interaction with farmers on demonstration of new Wheat variety UAS-304 and Pigeonpea variety GRG 152



Name of farmer : Sidappa Gursidda Bellubbi  
 Address : Arkeri  
 Age : 35  
 Education : II year  
 Size of land holding (in acre): 17 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	30 q	120000	90000
Field Crop 2	Pearl millet	4	16 q	20000	4000
Field Crop 3	Sorghum	2	8 q	12000	4000
Field crop 4	Groundnut	5	40 q	180000	105000
<b>Total</b>		<b>17</b>		<b>332000</b>	<b>203000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	4	24 q	144000	120000	-20	33
Field Crop 2	Pearl millet	3	18 q	27000	15000	12.5	275
Field crop 3	Sorghum	4	16 q	32000	16000	100	300
Field crop 4	Groundnut	4	48 q	300000	200000	20	90.47
Hort. Crop 1	Chilli	2	30 q	60000	40000	>100	>100
Live stock 1	Cow	2	1680 lt	84000	64000	>100	>100
Others	Goat	6 (4)	1.2 q	60000	55000	>100	>100
<b>Total</b>		<b>17</b>		<b>707000</b>	<b>510000</b>		<b>151</b>

**Brief:** The farmer used to get annual income of Rs. 203000 from Pigeonpea, pearl millet, groundnut and sorghum. With diversification of crops and inclusion of livestock, his annual income has increased to 510000. There is a percentage increase of 151 over base year.



Polythene Mulching in Chilli



Field visit by KVK scientists to sunhemp field



Name of farmer : Suvarna Bhimanna Halasgi  
 Address : Arkeri  
 Age : 48  
 Education : -  
 Size of land holding (in acre): 10 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	24 q	96000	72000
Field Crop 2	Chickpea	2	6 q	24000	16000
Field Crop 3	Groundnut	2	24 q	120000	100000
Others	Goat	2	0.4 q	-	--
<b>Total</b>		<b>10</b>		<b>240000</b>	<b>188000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	4	24 q	144000	120000	0	67
Field Crop 2	Sugarcane	2	120 t	240000	156000	>100	>100
Field crop 3	Groundnut	2	28 q	175000	135000	16.66	35
Field crop 4	Chickpea	2	8 q	48000	36000	33.3	125
Live stock 1	Buffalo	2	1680 lt	67200	55000	>100	>100
Others	Goat	8 (4)	1.20 q	60000	55000	200	>100
<b>Total</b>		<b>10</b>		<b>734200</b>	<b>557000</b>		<b>196</b>

**Brief:** The farmer used to get annual income of Rs. 188000 from Pigeonpea, chickpea, groundnut and goat. With diversification of crops and inclusion of livestock, her annual income has increased to 557000. There is a percentage increase of 196 over base year.



View of sugarcane field



View of banana field



Name of farmer : Mallikarjun Shrishail Choulagi  
 Address : Bijjaragi  
 Age : 38  
 Education : B.E  
 Size of land holding (in acre): 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Grapes	3.0	450 q	990000	630000
Live stock 1	Buffallo	01	1930 lit	96100	69200
			<b>Total</b>	<b>1086100</b>	<b>699200</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Grapes	5.0	900 q	2250000	1800000	100	185.7
Live Stock 1	Buffallo	02	3860 lit	194700	142600	100	106.6
Live stock 2	Goat kid	03	--	--	--	>100	>100
Trees	Neem	14	--	--	--	>100	>100
			<b>Total</b>	<b>2444700</b>	<b>1942600</b>	<b>--</b>	<b>178</b>

**Brief:** The farmer used to get annual income of Rs. 699200 from Grapes and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to Rs. 1942600. There is a percentage increase of 178 over base year.



View of Grape crop in farmers field



**Name of farmer** : Prashanth Shivappa Bisnal  
**Address** : Kaggod  
**Age** : 26  
**Education** : ITI  
**Size of land holding (in acre):** 7.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Guava	2.0	160 q	256000	197500
Field Crop 2	Pigeonpea	5.0	20 q	80000	61500
			<b>Total</b>	<b>336000</b>	<b>259000</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	Production	income
Field Crop 1	Guava (L-49)	2.0	230 q	506000	437000	44	121
Field Crop 2	Pigeonpea	5.0	30 q	204000	166000	50.0	169.9
Trees	Coconut	05	--	--	--	>100	>100
			<b>Total</b>	<b>710000</b>	<b>603000</b>	<b>--</b>	<b>133</b>

**Brief:** The farmer used to get annual income of Rs. 259000 from Pigeonpea and Guava. With diversification of crops, technical guidance from KVK, input supply, marketing facilitation and use of Chisel plough, his annual income has increased to Rs. 603000. There is a percentage increase of 133 over base year.



View of Guava crop and GRG-152 Pigeonpea crop



**Name of farmer** : Danappa Basappa Managuli  
**Address** : Hadagali  
**Age** : 51  
**Education** : -  
**Size of land holding (in acre)** : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pomegranate (Local)	3.0	120 q	360000	301000
<b>Total</b>		<b>3.0</b>		<b>360000</b>	<b>301000</b>

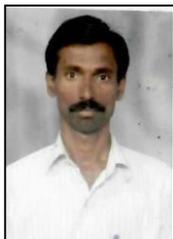
### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Trichoderma, Hort. Crop 1	Pomegranate (Kesar)	3.0	190 q	1235000	1118000	58.33	271.42
Livestock	Goat	15.0	2.4 q	120000	103500	>100	>100
Others	Vermicomposting	3 beds	40 q	32000	28300	>100	>100
<b>Total</b>		<b>3.0</b>		<b>1387000</b>	<b>1249800</b>		<b>315</b>

**Brief:** The farmer used to get annual income of Rs. 301000 from Pomegranate. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 CSV 29 R, SPV 2217 varieties, Pulse magic, use of pheromone traps and Trichoderma, Psuedomonas, Paecolomyces, Solar light trap** etc., he is getting annual income of Rs **1249800**. There is a percentage increase of 315 over the base year.



Interaction with farmers on IPM in Pomegranate



Name of farmer : Devandrappa Kolhar  
 Address : Hadagali  
 Age : 41  
 Education : 10 th  
 Size of land holding (in acre) : 2.0

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pomegranate (Local)	1.0	60 q	180000	137500
Hort. Crop 2	Grape (Local)	1.0	50 q	125000	88000
<b>Total</b>		<b>2.0</b>		<b>305000</b>	<b>225500</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No. )	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Pomegranate (Kesar)	1.0	90 q	540000	442000	50.00	221.45
Hort. Crop 2	Grape (Thomson seedless)	1.0	80 q	240000	199000	60	126.13
Other enterprise (Specify)	Hebbevu all along the border (2 year old)	28 nos.	-	-	-	>100	>100
<b>Total</b>		<b>2.0</b>		<b>780000</b>	<b>641000</b>		<b>184</b>

**Brief:** The farmer used to get annual income of Rs. 225500 from Pomegranate and Grape. He faced problems like new varieties, pest and disease etc. With DFI interventions like **Trichoderma, Psuedomonas, Paecolomyces, Solar light trap etc, Thomson seedless, Grape special and use of Chloropyriphos + COC stem swabbing** etc., he is getting annual income of Rs 641000. There is a percentage increase of 184 over the base year.



Interaction with farmers on IPM in Grape and Pomegranate



**Name of farmer** : Malkari Ramgond sonnad  
**Address** : Arkeri  
**Age** : 49  
**Education** : PUC  
**Size of land holding (in acre):** 7 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	2	10 q	40000	30000
Field Crop 2	Chickpea	2	6 q	24000	16000
Field Crop 3	Groundnut	3	27 q	150000	60000
Others	Goat	2	0.42 q	-	-
<b>Total</b>				<b>214000</b>	<b>106000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	2	12 q	72000	60000	20	100
Field Crop 2	Pearl millet	1	5 q	7500	3500	>100	>100
Field crop 3	Groundnut	2	28 q	175000	135000	3.7	125
Field crop 4	Chickpea	2	8 q	48000	36000	33.3	125
Live stock 1	Buffalo	1	1120 lt	56000	45000	>100	>100
Others	Goat	10 (8)	2.4 q	60000	55000	471.42	100
<b>Total</b>				<b>418500</b>	<b>334500</b>		<b>216</b>

**Brief:** The farmer used to get annual income of Rs. 106000 from Pigeonpea, chickpea, groundnut and goat. With diversification of crops and inclusion of livestock, his annual income has increased to 334500. There is a percentage increase of 216 over base year.



**Farmer in onion field**



**Farmer in pigeonpea field**



**Name of farmer** : Bamabai Bhimsi Khude  
**Address** : Arkeri  
**Age** : 55  
**Education** :-  
**Size of land holding (in acre):** 7 acre

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	2	8 q	32000	22000
Field Crop 2	Chickpea	2	6 q	24000	14000
Field Crop 3	Groundnut	3	27q	162000	132000
Others	Goat	2	0.42 q	-	-
Total				218000	168000

### 1) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	2	12 q	72000	60000	50	173
Field Crop 2	Pearl millet	1	5 q	7500	3500	>100	>100
Field crop 3	Groundnut	2	28 q	175000	135000	3.7	2.27
Field crop 4	Chickpea	2	6 q	36000	24000	0	71
Hort.crop 1	Chilli	1	15 q	30000	10000	>100	>100
Live stock 1	Buffalo	1	840 lt	33600	55000	>100	>100
Others	Goat	10 (8)	2.40 q	60000	55000	471.42	100
Total				414100	342500		104

**Brief:** The farmer used to get annual income of Rs. 168000 from Pigeonpea, chickpea, groundnut and goat. With diversification of crops and inclusion of livestock, his annual income has increased to 342500. There is a percentage increase of 104 over base year.



IDM in chilli



New chilli variety 5531



Name of farmer : Rajesh Ramgondappa Yarnal  
 Address : Tajpur  
 Age : 46  
 Education : PUC  
 Size of land holding (in acre): 12.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	9.0	36 q	144000	97800
Hort.Crop 1	Grapes	3.0	450 q	990000	630000
<b>Total</b>				1134000	727800

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	7.0	42 q	285600	231600	16.6	136.8
Hort.Crop 1	Grapes	5.0	900 q	2250000	1800000	100	185.7
Trees	Bellary Jali	17	--	--	--	>100	>100
<b>Total</b>				2535600	2031600	--	<b>179</b>

**Brief:** The farmer used to get annual income of Rs. 727800 from Pigeonpea and Grapes. With diversification of crops, technical guidance from KVK, input supply and cultivation of new variety GRG 152, his annual income has increased to Rs. 2031600. There is a percentage increase of 179 over base year.



View of Grape crop in farmers field and operation of Chisel plough



Name of farmer: Murgesh Ghani

Address : Tikota

Age : 37

Education : B.Sc (Agri)

Size of land holding (in acre): 10.0 acre

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Chickpea	8.0	32 q	112000	76100
Hort. Crop 1	Grapes	2.0	300 q	600000	395000
<b>Total</b>				<b>712000</b>	<b>471100</b>

## 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Chickpea (BGD 111-1)	5.0	30 q	144000	124600	-6.25	63.73
Hort. Crop 1	Grapes	5.0	900 q	2250000	1800000	200	355.6
Live stock 1	Goat kid	05	--	--	--	>100	>100
Trees	Neem	11	--	--	--	>100	>100
<b>Total</b>				<b>2394000</b>	<b>1924600</b>	<b>--</b>	<b>308</b>

**Brief:** The farmer used to get annual income of Rs. 471100 from Chickpea and Grapes. With introduction of new Chickpea variety, technical guidance from KVK and input supply, his annual income has increased to Rs. 1924600. There is a percentage increase of 308 over base year.



View of Bengal gram BGD 111-1 crop farmers field



Name of farmer : Aravind Chavhan  
 Address : Hadagali  
 Age : 39  
 Education : 10th  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3 q	15300	10900
Hort. Crop 1	Lime (Local)	1.0	60 q	72000	59500
<b>Total</b>		<b>2.0</b>		<b>87300</b>	<b>70400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-	1.0	6 q	36600	30600	100.0	180.73
Hort. Crop 1	Lime (Kagzi)	1.0	90 q	126000	108000	50.00	81.51
Other enterprises	Vermicomposting	2 beds	35 q	28000	24400	>100	>100
<b>Total</b>				<b>190600</b>	<b>163000</b>		<b>132</b>

**Brief:** The farmer used to get annual income of Rs. 70400 from Pigeonpea and Lime. He faced problems like New varieties, Pest and diseases etc. With DFI interventions like **GRG- 811, GRG-152, BDN-111, BDN 111-1, seed treatment with bioagents, use of pheromone traps, Vermicomposting etc.**, he is getting annual income of Rs 163000. There is a percentage increase of 132 over the base year.



Method demonstration on Sorghum seed treatment with bioagents and IPM in Lime



Name of farmer : Appashi Gangappa Humanabadi  
 Address : Kubakaddi  
 Age : 31  
 Education : B.A  
 Size of land holding (in acre) : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20000	15500
Field Crop 2	Sugarcane (Local)	1.0	350 q	70000	61200
Hort. Crop 1	Tomato (Local)	1.0	70 q	70000	52000
<b>Total</b>		<b>3.0</b>		<b>160000</b>	<b>128700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG- 152)	1.0	6 q	36600	31100	50.00	100.60
Field Crop 2	Sugarcane (CO86032)	1.0	450 q	112500	102900	28.57	68.13
Hort. Crop 1	Tomato (Arka Rakshak)	1.0	100 q	150000	126500	42.85	143.26
<b>Total</b>		<b>3.0</b>		<b>299100</b>	<b>260500</b>		<b>102</b>

**Brief:** The farmer used to get annual income of Rs. 128700 from Pigeonpea, Sugarcane and Tomato etc. He faced problems like new varieties, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152, BDN-111, and Pulse magic, CO86032, Arka Rakshak, Metarhizium application, Microbial consortia, Arka Rakshak, Yellow sticky traps, Trichodema** etc., he is getting annual income of Rs **260500**. There is a percentage increase of 102 over the base year.



Interaction with farmers on Root grub management in Sugarcane by using Metarhizium and IPM in Pigeonpea



Name of farmer : Narayan Jumaji Khude  
 Address : Arkeri  
 Age : 68  
 Education : -  
 Size of land holding (in acre): 20 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	36 q	144000	114000
Field Crop 2	Chickpea	4	16 q	64000	48000
Field Crop 3	Groundnut	6	60 q	300000	180000
Field crop 4	Pearl millet	4	16 q	20000	4000
Others	Goat	2	0.3 q		-
<b>Total</b>				<b>528000</b>	<b>350000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	6	36 q	216000	180000	0	57.89
Field Crop 2	Sunflower	3	18 q	108000	90000	>100	>100
Field crop 3	Groundnut	3	36 q	225000	165000	-40	-8.33
Field crop 4	Pearl millet	2	8 q	12000	2000	-50	-50
Field crop 5	Sugarcane	4	1600 q	320000	208000	>100	>100
Hort. Crop 1	Lime	2	160 q	240000	180000	>100	>100
Live stock 1	Buffalo	2	840 lt	42000	21000	>100	>100
Live stock 2	Goat	6 (2)	0.4 q	30000	28000	33.33	-55.60
<b>Total</b>				<b>1193000</b>	<b>1128000</b>		<b>222</b>

**Brief:** The farmer used to get annual income of Rs. 350000 from Pigeonpea, chickpea, groundnut, pearl millet and goat. With diversification of crops and technical guidance from KVK, use of new varieties, his annual income has increased to 1128000. There is a percentage increase of 222 over base year.





Name of farmer : Kamala Hanmant Tajav  
 Address : Arkeri  
 Age : 57  
 Education : -  
 Size of land holding (in acre): 9 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	24 q	36000	22000
Field Crop 2	Pigeonpea	4	20 q	80000	60000
Field Crop 3	Pearl millet	3	15 q	18750	6750
Hort. Crop 1	Guava	1	-	-	-
<b>Total</b>				<b>134750</b>	<b>88750</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Groundnut	2	28 q	175000	135000	>100	>100
Field Crop 2	Maize	1	16 q	32000	25000	-33.33	13.63
Field crop 3	Pigeonpea	2	14 q	84000	68000	-30	13.33
Field crop 4	Pearl millet	2	10 q	15000	7000	-33.33	3.70
Hort. Crop 1	Chilli	1	13 q	26000	6000	>100	>100
Hort. Crop 2	Tomato	1	80 q	40000	10000	>100	>100
Hort. Crop 3	Guava	1	30 q	105000	85000	>100	>100
<b>Total</b>				<b>477000</b>	<b>336000</b>		<b>279</b>

**Brief:** The farmer used to get annual income of Rs. 88750 from maize, pigeonpea and pearl millet. With diversification of crops and inclusion of horticulture crops, her annual income has increased to Rs.336000. There is a percentage increase of 279 over base year.



Chilli field



Guava field



Name of farmer : Jagdeesh Mahadevappa Honnali  
 Address : Honnali  
 Age : 46  
 Education : B.A  
 Size of land holding (in acre): 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	20 q	80000	56200
Live stock 1	Buffallo	02	840 lit	42000	21000
<b>Total</b>				<b>122000</b>	<b>77200</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG 152)	5.0	30 q	204000	182600	50.0	224.9
Live stock 1	Buffallo	04	1680 lit	84000	42000	>100	>100
<b>Total</b>				<b>288000</b>	<b>224600</b>	<b>--</b>	<b>191</b>

**Brief:** The farmer used to get annual income of Rs. 77200 from Pigeonpea and livestock. With the introduction of new Pigeonpea variety, technical guidance from KVK, input supply and use of Chisel plough, his annual income has increased to Rs. 224600. There is a percentage increase of 191 over base year.



View of GRG 152 Pigeonpea crop and Nipping machine operation in farmers field



**Name of farmer** : Prakash Siddappa Pattanshetty  
**Address** : Basavan Bagewadi  
**Age** : 40  
**Education** : M.A  
**Size of land holding (in acre):** 17.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	7.0	28 q	112000	76800
Field Crop 2	Chickpea	7.0	24.5 q	85750	61600
Field Crop 3	Sorghum	3.0	10.5 q	22050	12900
<b>Total</b>				<b>219800</b>	<b>151300</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (G-152)	7.0	42 q	285600	239400	50.0	211.7
Field Crop 2	Chickpea (BGD 111)	7.0	38.5 q	177100	142800	57.14	131.8
Field Crop 3	Sorghum (C.Bunds)	3.0	15 q	43500	34700	42.85	168.9
Live stock 1	Goat kid	04	--	--	--	>100	>100
<b>Total</b>				<b>506200</b>	<b>416900</b>	<b>--</b>	<b>176</b>

**Brief:** The farmer used to get annual income of Rs. 151300 from Pigeonpea, Chickpea and Sorghum. With technical guidance from KVK, input supply, use of Chisel plough and Solar nipping machines, his annual income has increased to Rs. 416900. There is a percentage increase of 176 over base year.



**View of compartment bunds in farmers field**



**Name of farmer** : Jagannath Chavhan  
**Address** : Hadagali  
**Age** : 47  
**Education** : SSLC  
**Size of land holding (in acre)** : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20400	15900
Hort. Crop 1	Grape (Local)	2.0	150 q	375000	290000
<b>Total</b>		<b>3.0</b>		<b>395400</b>	<b>305900</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG-)	1.0	06 q	36600	31400	50.00	97.48
Hort. Crop 1	Grape (Thomson)	2.0	180 q	540000	462000	20.00	59.30
Livestock	Goat	18.0 Nos.	2.70 q	135000	120500	>100	>100
<b>Total</b>		<b>3.0</b>		<b>711600</b>	<b>613900</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 305900 from Pigeonpea and Grape . He faced problems like new verities, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG- 152, Thomson seedless, Grape special** and use of **Chloropyriphos + COC stem swabbing etc.**, he is getting annual income of Rs **613900**. There is a percentage increase of 100 over base year.



Scientist Interaction with farmers on IPM in Grape



**Name of farmer** : Vasuram Rathod  
**Address** : Hadagali  
**Age** : 59  
**Education** : -  
**Size of land holding (in acre)** : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20000	15500
Hort. Crop 1	Grape (Local)	1.0	50 q	125000	88000
<b>Total</b>		<b>2.0</b>		<b>145000</b>	<b>103500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	31100	50.00	100.00
Hort. Crop 1	Grape (Thomson)	1.0	80 q	240000	199000	37.50	126.13
<b>Total</b>		<b>2.0</b>		<b>276600</b>	<b>230100</b>		<b>122</b>

**Brief:** The farmer used to get annual income of Rs. 103500 from Pigeonpea and Grape. He faced problems like new varieties, pest and disease etc. With DFI interventions like New variety introduction etc., he is getting annual income of Rs 230100. There is a percentage increase of 122 over the base **GRG- 811, GRG-152, BDN-111, Thomson seedless, Grape special and use of Chloropyriphos + COC stem swabbing and Pulse magic** year.



Interaction with farmers on performance of Pigeonpea varieties and stem borer management in Grape



**Name of farmer** : Mallappa Shivappa Chadchan  
**Address** : Arkeri  
**Age** : 57  
**Education** :-  
**Size of land holding (in acre):** 6 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Maize	2	36 q	54000	40000
Field Crop 2	Pigeonpea	3	18 q	72000	48000
Field Crop 3	Pearl millet	1	5 q	7500	2500
<b>Total</b>				<b>133500</b>	<b>90500</b>

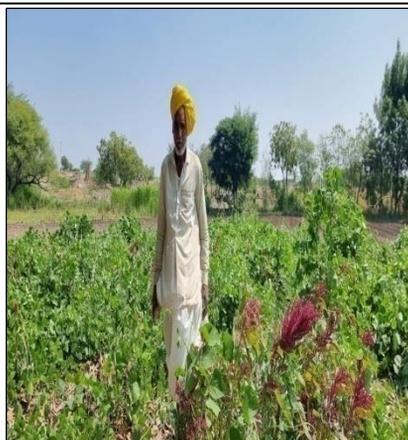
### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pearl millet	1	6 q	9000	5000	20	100
Field Crop 2	Maize	1	14 q	21000	14000	-61.11	-65
Hort. crop 1	Onion	2	200 q	120000	70000	>100	>100
Hort. crop 2	Chilli	1	15 q	30000	10000	>100	>100
Hort. Crop 3	Sweet potato	1/2	30 q	33000	14000	>100	>100
Hort. Crop 4	Beans	1/4	0.5 q	10500	5500	>100	>100
Live stock 1	Buffalo	1	840 lt	42000	22000	>100	>100
Others	Goat	30 (14)	3.5 q	224000	150000	>100	>100
<b>Total</b>				<b>489500</b>	<b>290500</b>		<b>221</b>

**Brief:** The farmer used to get annual income of Rs. 90500 from maize, pigeonpea and pearl millet. With diversification of crops and technical guidance from KVK and inclusion of livestock, his annual income has increased to Rs. 290500. There is a percentage increase of 221 over base year.



Sweet potato field



View of French beans field



**Name of farmer** : Rukmabai Dadasab Khude  
**Address** : Arkeri  
**Age** : 54  
**Education** : -  
**Size of land holding (in acre):** 21 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	8	40 q	160000	120000
Field Crop 2	Sugarcane	6	2100 q	315000	147000
Field Crop 3	Sorghum	2	8 q	12000	4000
Field crop 4	Wheat	3	12 q	18000	6000
Hort crop 1	Chilli	2	24 q	24000	14000
Live stock 1	Buffalo	2 (1)	840 lt	25200	15000
Others	Goat	4 (2)	0.6 q	120000	90000
<b>Total</b>				<b>674200</b>	<b>396000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sorghum	2	8 q	24000	14000	0	250
Field Crop 2	Wheat	2	8 q	20000	10000	-33.33	67
Field crop 3	Chickpea	2	8 q	48000	36000	>100	>100
Field crop 4	Pigeonpea	6	36 q	216000	180000	-10	50
Hort. Crop 1	Sugarcane	7	2800 q	560000	364000	33.33	148
Hort. Crop 2	Chilli	2	30 q	60000	40000	25	186
Live stock 1	Buffalo	2 (1)	840 lt	33600	21600	0	44
Others	Goat	5 (3)	0.90 q	180000	140000	50	56
<b>Total</b>				<b>1141600</b>	<b>805600</b>		<b>103</b>

**Brief:** The farmer used to get annual income of Rs. 396000 from pigeonpea, sugarcane, chilli and live stock. With diversification of crops and technical guidance from KVK, his annual income has increased to Rs. 805600. There is a percentage increase of 103 over base year.



Root grub management in sugarcane



Introduction of pulse magic in pigeonpea



Name of farmer : Annapurna Amsidda Chadchan  
 Address : Arkeri  
 Age : 65  
 Education : -  
 Size of land holding (in acre): 6 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	2	10 q	40000	32000
Field Crop 2	Chickpea	2	8 q	32000	24000
Field Crop 3	Maize	2	30 q	45000	31000
<b>Total</b>				<b>117000</b>	<b>87000</b>

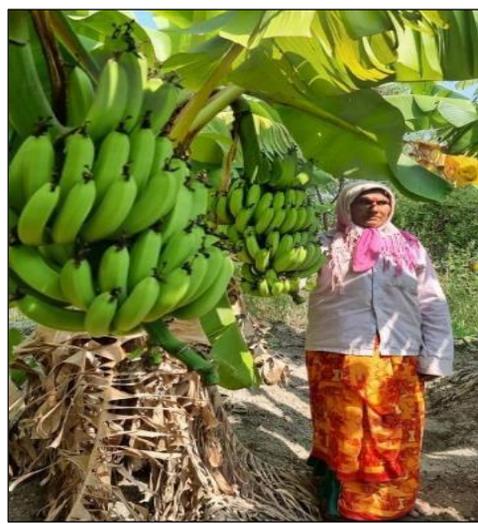
### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	4	20 q	120000	88000	100	175
Hort. Crop 1	Banana	1	200 q	100000	50000	>100	>100
Hort. Crop 2	Chilli	1	12 q	24000	4000	>100	>100
Live stock 1	Buffalo	8 (4)	3360 lt	117600	50000	>100	>100
Others	Goat	12 (6)	1.5 q	42000	30000	>100	>100
<b>Total</b>				<b>403600</b>	<b>222000</b>		<b>155</b>

**Brief:** The farmer used to get annual income of Rs. 87000 from pigeonpea, chickpea and maize. With diversification of crops and technical guidance from KVK, his annual income has increased to Rs.222000. There is a percentage increase of 155 over base year.



New chilli variety 5531



G-9 banana



**Name of farmer** : Shivanand Halli  
**Address** : Savanalli  
**Age** : 48  
**Education** : PUC  
**Size of land holding (in acre):** 12.0 acre

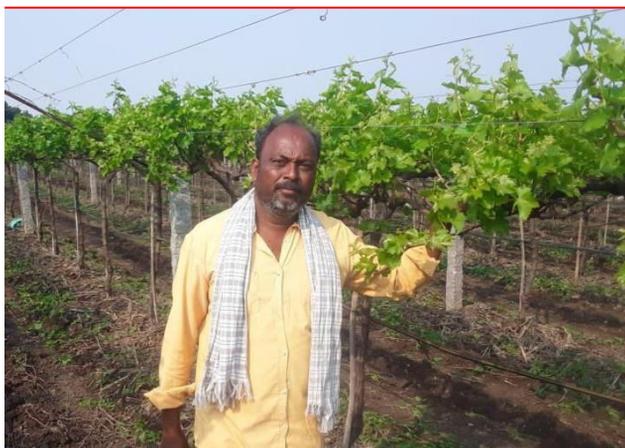
### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	9.0	31.5 q	126000	81200
Hort.Crop 1	Grapes	3.0	450 q	990000	590000
Live stock 1	Buffaloo	01	1930 lt	96100	69200
<b>Total</b>				<b>1212100</b>	<b>740400</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	9.0	54 q	367200	294000	71.4	262.06
Hort.Crop 1	Grapes	3.0	540 q	1350000	1046000	20.0	77.28
Live Stock 1	Buffaloo	02	3860 lt	194700	142600	100	106.6
<b>Total</b>				<b>1911900</b>	<b>1482600</b>	<b>--</b>	<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 740400 from Pigeonpea, Grapes and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to Rs. 1482600.



**View of Grape crop and GRG 152 Pigeonpea crop in farmers field**



Name of farmer : Siddappa Ramappa Bhamreddy  
 Address : Talewad  
 Age : 45  
 Education : PUC  
 Size of land holding (in acre): 9.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	20.5 q	82000	65300
Field Crop 2	Chickpea	4.0	16 q	56000	37100
Live stock 1	Buffallo	02	3930 lt	196000	145000
Live stock 1	Goat	02	0.44 q	12320	7500
<b>Total</b>				<b>346320</b>	<b>254900</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5.0	27.5 q	178750	148300	34.2	127.1
Field Crop 2	Chickpea	4.0	22 q	105600	82400	37.5	122.1
Live stock 1	Buffallo	04	7750 lt	378000	282000	97.2	94.48
Live stock 1	Goat	06	1.32 q	36960	22500	200.5	200.5
<b>Total</b>				<b>699310</b>	<b>535200</b>	<b>--</b>	<b>110</b>

**Brief:** The farmer used to get annual income of Rs. 254900 from Pigeonpea, Chickpea and Live stock. Under the technical guidance from KVK and better market price and Solar nipping machine his annual income has increased to Rs. 535200. There is a percentage increase of 110 over base year.



View of Pigeonpea crop in farmers field and operation of Solar nipping machine



**Name of farmer** : Limbu Rathod  
**Address** : Hadagali  
**Age** : 61  
**Education** :-  
**Size of land holding (in acre)** : 3 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Num	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3 q	15300	10900
Hort. Crop 1	Sorghum (Local)	1.0	3 q	6000	3800
Hort. Crop 2	Chickpea (Local)	1.0	2 q	7000	4000
<b>Total</b>		<b>3.0</b>		<b>28300</b>	<b>18700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-)	1.0	6 q	36600	30600	100.0	180.73
Hort. Crop 1	Sorghum (CSV 29R)	1.0	5 q	15000	11500	66.66	202.63
Hort. Crop 2	Chickpea (JG-11)	1.0	6 q	27000	21500	200.0	437.50
<b>Total</b>		<b>3.0</b>		<b>78600</b>	<b>63600</b>		<b>240</b>

**Brief:** The farmer used to get annual income of Rs. 18700 from Pigeonpea, Sorghum and Chickpea. He faced problems like New varieties, Pest and diseases etc. With DFI interventions like **GRG- 811, GRG-152, JG-11, CSV 29 R, SPV 2217, seed treatment with bioagents, use of pheromone traps etc.**, he is getting annual income of Rs **63600**. There is a percentage increase of 240 over the base year.



**Introduction of new Pigeonpea variety GRG-152**



**Method demonstration on Sorghum seed treatment with bioagents**



Name of farmer : Dhanasing Rathod  
 Address : Hadagali  
 Age : 59  
 Education : 2 nd class  
 Size of land holding (in acre) : 4.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20400	16500
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3600
Hort. Crop 1	Lime (Local)	2.0	140 q	168000	123000
<b>Total</b>		<b>4.0</b>		<b>194400</b>	<b>143100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpe a (GRG-152)	1.0	6 q	36600	31500	50.00	90.90
Field Crop 2	Sorghum (CSV-29 R)	1.0	5 q	15000	12000	66.66	233.33
Hort. Crop 1	Lime (Kagzi)	2.0	200 q	280000	243000	42.85	97.60
<b>Total</b>		<b>4.0</b>		<b>331600</b>	<b>286500</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 143100 from Pigeonpea, Sorghum and Lime. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 CSV 29 R, SPV 2217 varieties, Pulse magic, bioagents like trichoderma, Psuedomonas, Paecelomyces, Lime special** etc., he is getting annual income of Rs 286500.



Capacity development programme on integrated pest and disease management in Lime



Name of farmer : Narayan Pawar  
 Address : Hadagali  
 Age : 62  
 Education : -  
 Size of land holding (in acre) : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.0	5 q	6000	4300
Field Crop 2	Wheat	2.0	6 q	21000	14000
<b>Total</b>		<b>3.0</b>		<b>27000</b>	<b>18300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Pvt. Hybrid)	1.0	9 q	21600	17500	80.00	306.97
Field Crop 2	Wheat (UAS 304)	2.0	10 q	55000	47000	66.66	235.71
Plantation crops	Coconut all along the border	20 Nos	3800 nuts/year	38000	29500	>100	>100
<b>Total</b>		<b>3.0</b>		<b>114600</b>	<b>94000</b>		<b>414</b>

**Brief:** The farmer used to get annual income of Rs. 18300 from Maize and Wheat. He faced problems like new varieties, Pest and Disease etc. With DFI interventions like **use of Metarhizium, Pheromone traps and NPV in Maize and in Wheat use of UAS- 304 variety, Seed treatment with biofertilizers, use of Emamectin benzoate for shoot fly management and coconut trees etc.**, he is getting annual income of Rs 94000. There is a percentage increase of 414 over the base year.



Interaction with farmers on IPM in Maize and demonstration of Wheat variety



Name of farmer : Dhundappa Hanmanth Amarappagol  
 Address : Jumnal  
 Age : 43  
 Education : SSLC  
 Size of land holding (in acre) : 4.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	2.0	7 q	28000	17100
Hort. Crop 1	Grapes (Local)	2.0	300 q	610000	391000
Livestock 1	Buffallo	1.0	1960 lt	98000	70500
<b>Total</b>		<b>4.0</b>		<b>736000</b>	<b>478600</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	2.0	12 q	78000	52900	71.4	209.3
Hort. Crop 1	Grapes (Th.Seedless)	2.0	360 q	905000	754700	20.0	93.01
Livestock 1	Buffallo	04	7750 lt	378000	281300	295.4	299.01
Trees	Tamarind	03 no's	--	--	--	>100	>100
<b>Total</b>		<b>4.0</b>		<b>1361000</b>	<b>1088900</b>	<b>--</b>	<b>128</b>

**Brief:** The farmer used to get annual income of Rs. 478600 from Pigeonpea, Grapes and livestock. He faced problems like low yield in farm. With DFI interventions like introduction of **Chisel plough** and **GRG 152** new Pigeonpea variety and **Th.Seedless** grape he is getting annual income of Rs. 1088900. There is a percentage increase of **128** over the base year.



View of Farmer field and pesticide application



**Name of farmer** : Bheemappa Bagewadi  
**Address** : Ingleshwar  
**Age** : 53 years  
**Education** : -  
**Size of land holding (in acre)** : 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	1.5	7 q	28000	22000
Field Crop 2	Cotton	1.5	9 q	63000	43000
Field crop 3	Maize	2	24 q	36000	26000
Livestock 1	Cow	1.0	840 lt	42000	32000
<b>Total</b>		<b>5</b>		<b>169000</b>	<b>123000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	3 acre	18 q	108000	90000	157.14	309.09
Hort. Crop 1	Banana	1 acre	250 q	162500	112500	>100	>100
Hort. Crop 2	Chilli	0.5 acre	8 q	16000	6000	>100	>100
Hort. Crop 2	Tomato	0.5 acre	50 q	25000	10000	>100	>100
Livestock 1	Cow	2.0	1680 lt	84000	42000	100	31.25
<b>Total</b>		<b>5</b>		<b>395500</b>	<b>260500</b>		<b>112</b>

**Brief:** The farmer used to get annual income of Rs. 123000 from pigeonpea, cotton, livestock etc. He faced problems like less income from farm. With DFI interventions like introduction of new crops like G-9 banana, chilli, tomato he is getting an annual income of Rs 260500. There is a percentage increase of 112 over base year.



Field visit by KVK scientist



Chilli seedlings given by KVK



Name of farmer : Kisansingh Ramchandra Tiwari  
 Address : Arakeri  
 Age : 52  
 Education : SSLC  
 Size of land holding (in acre) : 7.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Sugarcane (Local)	1.0	420 q	88200	60300
Field Crop 2	Pigeonpea (Local)	3.0	12 q	54000	40750
Hort. Crop 1	Grapes	3.0	450 q	990000	510000
Live stock 1	Buffalo	1.0	1960 lt	98000	70500
<b>Total</b>		<b>7.0</b>		<b>1230200</b>	<b>681550</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (SNK 7680)	1.0	610 q	152500	138600	45.2	129.8
Field Crop 2	Pigeonpea (GRG 152)	3.0	16.5 q	107250	95600	37.5	134.6
Field Crop 3	Maize	0.5	--	--	--	>100	>100
Hort. Crop 1	Grapes	3.0	540 q	1350000	1030000	20.0	101.96
Live Stock 1	Buffalo	2.0	3930 lt	196000	155000	100.5	119.8
<b>Total</b>		<b>7.0</b>		<b>1805750</b>	<b>1419200</b>	<b>--</b>	<b>108</b>

**Brief:** The farmer used to get annual income of Rs. 681550 from Sugarcane, Pigeonpea, Grapes and Live stock. With diversification of crops, technical guidance from KVK, input supply (**GRG 152** new variety), marketing facilitation and better market price, his annual income has increased to Rs. 1419200. There is a percentage increase of **108** over base year.



View of Grape field and pesticide application



Name of farmer : Yelguresh Bhimanna Tondikatti  
 Address : Hullur  
 Age : 35  
 Education : MA, B.Ed.  
 Size of land holding (in acre) : 18

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	30 q	150000	120000
Field Crop 2	Maize	2	34 q	51000	37000
Field Crop 3	Sunflower	2	12 q	72000	60000
Field Crop 4	Groundnut	4	56 q	350000	270000
Field Crop 5	Sugarcane	4	208 q	457600	343600
<b>Total</b>		<b>18</b>		<b>1080600</b>	<b>830600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	6	312 q	686400	515400	50	50
Field Crop 2	Sorghum	5	20 q	40000	10000	>100	>100
Field Crop 3	Wheat	1	4 q	12000	8000	>100	>100
Field Crop 4	Chickpea	2	8 q	48000	36000	>100	>100
Field Crop 5	Safflower	1	4 q	19200	13200	>100	>100
Hort. Crop 1	Onion	3	33 q	297000	222000	>100	>100
Livestock 1	Buffalo	4	7840 q	235200	179200	>100	>100
Livestock 2	Cow	4	5600 q	168000	112000	>100	>100
Others 1	Goat	146 ( 75)	6 q	600000	400000	>100	>100
Others 2	Poultry	40	0.8 q	35000	35000	>100	>100
Others 3	Salary			600000	480000	>100	>100
<b>Total</b>		<b>18</b>		<b>2740800</b>	<b>2010800</b>		<b>142</b>

**Brief:** The farmer used to get annual income of Rs. 830600 from pigeonpea, sugarcane, maize etc. He faced problems like less income from farm. With DFI interventions like introduction of Integrated farming system, he is getting annual income of Rs. 2010800. There is a percentage increase of 142 over base year.



Farmer with sugarcane crop



View of goatry unit



**Name of farmer** : Shrishail Yamnappa Talwar  
**Address** : Honalli  
**Age** : 35  
**Education** : SSLC  
**Size of land holding (in acre)** : 12 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5	20 q	80000	40000
Field Crop 2	Sugarcane	4	1600 q	240000	112000
Hort. Crop 1	Onion	2	200 q	280000	200000
Hort. Crop 2	Lime	1	50 q	115000	85000
<b>Total</b>		<b>12</b>		<b>715000</b>	<b>437000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5.5 acre	28 q	173600	129600	40	224
Hort. Crop 1	banana	1 acre	250 q	162500	143000	>100	>100
Hort. Crop 2	pomegranate	1 acre	60 q	550000	400000	>100	>100
Hort. Crop 3	Onion	3 acre	330 q	390000	330000	65	65
Hort. Crop 4	Chilli	1.5 acre	22 q	66000	46000	>100	>100
<b>Total</b>		<b>12</b>		<b>1342100</b>	<b>1048600</b>		<b>140</b>

**Brief:** The farmer used to get annual income of Rs. 437000 from redgram, sugarcane, onion and lime. He faced problems like less income from farm. With DFI interventions like diversification of crop, IDM he is getting annual income of Rs 1048600. There is a percentage increase of 140 over base year.



**IDM in Pomegranate**



**Introduction of G-9**



**Name of farmer** : Peerappa Biradar  
**Address** : Honalli  
**Age** : 46  
**Education** : BA  
**Size of land holding (in acre)** : 10 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	24 q	96000	72000
Hort. Crop 1	Onion	2	240 q	192000	142000
Hort. Crop 2	Lime	2	410 q	266500	191500
<b>Total</b>		<b>10</b>		<b>554500</b>	<b>405500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5	30 q	180000	150000	25	108.33
Field Crop 2	Maize	1	14 q	25200	20200	>100	>100
Hort. Crop 1	Lime	2	450 q	275000	225000	9.8	17.49
Hort. Crop 2	Pomegranate	2	60 q	480000	430000	>100	>100
<b>Total</b>		<b>10</b>		<b>960200</b>	<b>825200</b>		<b>104</b>

**Brief:** The farmer used to get annual income of Rs. 405500 from pigeonpea, onion and lime. He faced problems like less income from farm. With DFI interventions like diversification of crop, IPM, IDM he is getting annual income of Rs 825200. There is a percentage increase of 104 over base year.



IDM in lime



ICM in Pigeonpea



Name of farmer : Shrikant Devendrappa Kubakaddi  
 Address : Kubakaddi  
 Age : 32  
 Education : B. A  
 Size of land holding (in acre) : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Nu	Production (O/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Sorghum (Local)	1.0	3 q	6600	5400
Field Crop 2	Sugarcane (Local)	1.0	260 q	52000	45600
Hort. Crop 1	Onion (Local)	1.0	90 q	81000	71200
<b>Total</b>		<b>3.0</b>		<b>139600</b>	<b>122200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sorghum (CSV 29R)	1.0	5 q	15000	12000	66.66	122.22
Field Crop 2	Sugarcane	1.0	450 q	112500	98600	73.07	116.22
Hort. Crop 1	Onion (Bheema)	1.0	17 q	153000	127700	88.9	79.35
Others	Goats	10 Nos.	1.50 q	75000	70000	>100	>100
<b>Total</b>		<b>3.0</b>		<b>355500</b>	<b>308300</b>	<b>152</b>	

**Brief:** The farmer used to get annual income of Rs. **122200** from Sorghum, Sugarcane and Onion. He faced problems like New hybrid and varieties etc. With DFI interventions like **CO86032, Bheema Super and CSV 29 R and SPV 2217 , Metarhizium application, Microbial consortia** etc., he is getting annual income of Rs **308300**. There is a percentage increase of 152 over the base year.



Introduction of new hybrid Arka Kyati



Introduction of new variety SPV 2217



**Name of farmer** : Ravsabha Bheemappa Kalbilagi  
**Address** : Tajpur  
**Age** : 44  
**Education** : SSLC  
**Size of land holding (in acre)** : 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	2.0	8 q	32000	21800
Hort.Crop 1	Grapes (Local)	3.0	450 q	990000	530000
Live stock 1	Buffallo	02	3930 lt	196000	145000
<b>Total</b>		<b>5.0</b>		<b>1218000</b>	<b>696800</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG 152)	2.0	11 q	71500	59100	37.5	171.10
Hort.Crop 1	Grapes (Th.Seedless)	3.0	540 q	1350000	1130000	20.0	113.20
Live Stock 1	Buffallo	04	7750 lt	378000	232000	97.2	60.00
Trees	Bellary Jali	21	--	--	--	>100	>100
<b>Total</b>		<b>5.0</b>		<b>1799500</b>	<b>1421100</b>	<b>--</b>	<b>104</b>

**Brief:** The farmer used to get annual income of Rs. 696800 from Pigeonpea, Grapes and Live stock. Under the technical guidance from KVK, cultivation of new varieties **GRG 152, Thomson seedless** and better market price, his annual income has increased to Rs. 1421100. There is a percentage increase of **104** over base year.



## View of GRG-152 Pigeonpea and Grape field



Name of farmer : Ananth Bhimappa Asangi  
 Address : Tajpur  
 Age : 45  
 Education : B.A  
 Size of land holding (in acre): 6.0 acre

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	4.0	16 q	72000	51000
Field Crop 2	Groundnut (Local)	1.0	12 q	48000	37500
Field Crop 3	Maize (Local)	1.0	15 q	18000	14300
Live stock 1	Goat	02	0.44 q	12320	7500
<b>Total</b>		<b>6.0</b>		<b>150320</b>	<b>110300</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG 152)	4.0	22 q	143000	122000	37.5	139.2
Field Crop 2	Groundnut (G 2-52)	1.0	21 q	126000	99600	75.0	165.6
Field Crop 3	Maize (Pvt.hybrid)	1.0	20 q	30000	26700	33.3	86.71
Live Stock 1	Goat	06	1.32 q	36960	22500	200.5	200.5
<b>Total</b>		<b>6.0</b>		<b>335960</b>	<b>270800</b>	<b>--</b>	<b>146</b>

**Brief:** The farmer used to get annual income of Rs. 110300 from Pigeonpea, groundnut, maize and livestock. He got better yield with technical guidance from KVK like use of **Chisel plough, Ground nut (G 2-52), Th.Seedless Grape variety** and also good market rate and his annual income increased to Rs. 270800. There is a percentage increase of **146** over base year.



View of operation of Chisel plough in farmers field



Name of farmer : Sabu Vitthal Vijapur  
 Address : Tajpur  
 Age : 29  
 Education : SSLC  
 Size of land holding (in acre): 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	6.0	24 q	108000	81500
Field Crop 2	Chickpea (No nipping)	2.0	8 q	32000	21300
Live stock 1	Goat	02	0.44 q	12320	7500
<b>Total</b>		<b>8.0</b>		<b>152320</b>	<b>110300</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG 152)	6.0	33 q	214500	181200	37.5	122.3
Field Crop 2	Chickpea (Solar Nipping)	2.0	11 q	55000	46800	37.5	119.7
Live Stock 1	Goat	06	1.32 q	36960	24500	200.5	226.6
Trees	Neem	11 No's	--	--	--	>100	>100
<b>Total</b>		<b>8.0</b>		<b>306460</b>	<b>252500</b>	<b>--</b>	<b>129</b>

**Brief:** The farmer used to get annual income of Rs. 110300 from Pigeonpea, Chickpea (**Solar Nipping machine**) and Live stock. Under the technical guidance from KVK, use of new **Pigeonpea variety GRG 152** and better market price, his annual income has increased to Rs. 252500. There is a percentage increase of **129** over base year.



View of operation of Solar nipping machine in farmers field



Name of farmer : Siddappa Bellubbi  
 Address : Arakeri  
 Age : 59  
 Education : 8th  
 Size of land holding (in acre) : 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	16000	14300
Field Crop 2	Groundnut (Local)	0.5	3 q	12000	11250
<b>Total</b>		<b>1.50</b>		<b>28000</b>	<b>25550</b>

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	30400	50.00	112.58
Field Crop 2	Groundnut (G2-52)	0.5	4 q	24000	22300	33.33	98.22
Other enterprise	Vermicomposting	1 bed	20 q/year	20000	16500	>100	>100
<b>Total</b>		<b>1.50</b>		<b>80600</b>	<b>69200</b>		<b>171</b>

**Brief:** The farmer used to get annual income of Rs. 25550 from Pigeonpea and Groundnut. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 G 2-52 and IPM, Vermicomposting** etc., he is getting annual income of Rs 69200. There is a percentage increase of 171 over the base year.



Interaction with farmers on IPM in Pigeonpea



Name of farmer : Raju Chavhan  
 Address : Hadagali  
 Age : 47  
 Education : 10th  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.5	6 q	24000	22600
Field Crop 2	Maize (Local)	0.5	5 q	6000	5600
<b>Total</b>		<b>1.50</b>		<b>30000</b>	<b>28200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-	1.5	10 q	60000	52600	66.66	132.74
Field Crop 2	Maize (Metarhizium, Pheromone traps and NPV)	0.5	8 q	17600	15300	60.00	173.21
Livestock	Goat	12 no.	2.16 q	108000	96800	>100	>100
<b>Total</b>		<b>1.50</b>		<b>185600</b>	<b>164700</b>		<b>484</b>

**Brief:** The farmer used to get annual income of Rs. 28200 from Pigeonpea and Maize etc. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction like **GRG- 811, GRG-152 and IPM like use of Metarhizium, Pheromone traps and NPV, goat rearing** etc., he is getting annual income of Rs 164700. There is a percentage increase of 484 over the base year.



Interaction with farmers on IPM in Maize and Pigeonpea



Name of farmer : Suryakant Gadagi  
 Address : Vijayapur  
 Age : 62  
 Education : Primary  
 Size of land holding (in acre) : 55 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	6	96 q	144000	102000
Field Crop 2	Pigeonpea	35	140 q	560000	385000
Field crop 3	Sorghum	8	24 q	36000	12000
Field crop 4	Wheat	4	12 q	18000	6000
<b>Total</b>		<b>55</b>		<b>758000</b>	<b>505000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	8	144 q	259200	203200	50	99
Field Crop 2	Pigeonpea	39	234 q	1404000	1170000	67	204
Field crop 3	Sorghum	4	16 q	44000	28000	-33	133
Field crop 4	Wheat	4	16 q	35200	19200	33.33	220
Livestock 1	Dairy (buffalo)	8	13440 lt	672000	336000	>100	>100
Other enterprise (Specify)	Value addition	1	3 q	150000	133000	>100	>100
<b>Total</b>		<b>55</b>		<b>2564400</b>	<b>1889400</b>		<b>274</b>

**Brief:** The farmer used to get annual income of Rs. 505000 from Maize, Redgram, Sorghum, wheat etc. He faced problems like ideas on diversification of components. With DFI interventions like introduction of dairy and value addition to sorghum, he is getting annual income of Rs. 1889400. There is a percentage increase by 274 over base year.



Field visit to sweet sorghum field by KVK scientists



View of farmers Dairy unit



**Name of farmer** : Girish Telagi  
**Address** : Kubakaddi  
**Age** : 29  
**Education** : 10th  
**Size of land holding (in acre)** : 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (O/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.5	7 q	35000	30350
Field Crop 2	Sugarcane (Local)	3.0	1050 q	210000	183600
Hort. Crop 1	Chilli (Local)	0.5	30 q	24000	19800
<b>Total</b>		<b>5.0</b>		<b>269000</b>	<b>233750</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-811)	1.5	10 q	61000	56500	28.57	86.16
Field Crop 2	Sugarcane (Metarhizium and Microbial consortia)	3.0	1300 q	325000	290000	23.80	57.95
Hort. Crop 1	Chilli (Arka Kyati)	0.5	45 q	45000	39600	50.00	100.00
Other enterprises	Goat rearing	17	23.8 q	119000	114000	>100	>100
<b>Total</b>		<b>5.0</b>		<b>550000</b>	<b>500100</b>		<b>114</b>

**Brief:** The farmer used to get annual income of Rs. 233750 from Pigeonpea, Sugarcane and Chilli. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like **New variety introduction GRG-811, GRG-152, CO86032 and Vegetable special and use of Metarhizium and Microbial consortia** etc., he is getting annual income of Rs 500100. There is a percentage increase of 114 over the base year.



Interaction with farmers on IPM in Sugarcane and Chilli



Name of farmer : Shrishail Basappa Hunagund  
 Address : Hullur  
 Age : 47  
 Education : PUC  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20000	15500
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3600
<b>Total</b>		<b>2.0</b>		<b>26000</b>	<b>19100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) / No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG- 152)	1.0	6 q	36600	31100	50.00	100.00
Field Crop 2	Sorghum (CSV29R)	1.0	5 q	15000	11500	66.66	219.00
Other enterprise (Specify)	Neem trees (on bunds)	5.0 Nos.	-	-	-	>100	>100
<b>Total</b>		<b>2.0</b>		<b>51600</b>	<b>42600</b>		<b>123</b>

**Brief:** The farmer used to get annual income of Rs. 19100 from Pigeonpea, Sorghum and Neem trees. He faced problems like new verities, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152, BDN-111, CSV 29 R, SPV 2217, Phule revati and Pulse magic** etc., he is getting annual income of Rs 42600. There is a percentage increase of 123 over the base year.



Interaction with farmers on performance of new sorghum varieties



**Name of farmer** : Jagdevi Nagendra Dindur  
**Address** : Tajpur  
**Age** : 64  
**Education** : SSLC  
**Size of land holding (in acre):** 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	5.0	20.5 q	82000	55300
Hort.Crop 1	Grapes (Local)	3.0	450 q	990000	494000
Live stock 1	Buffallo	02	3930 lt	196000	135000
Live stock 2	Goat	02	0.44 q	12320	7000
<b>Total</b>		<b>8.0</b>		<b>1280320</b>	<b>691300</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG 152)	5.0	27.5 q	178750	148300	34.2	168.17
Hort.Crop 1	Grapes (Th.Seedless)	3.0	540 q	1350000	930000	20.0	88.25
Live stock 1	Buffallo	04	7750 lt	378000	282000	97.2	108.8
Live stock 2	Goat	06	1.32 q	36960	22500	200.5	200.0
<b>Total</b>		<b>8.0</b>		<b>1943710</b>	<b>1382800</b>		<b>100</b>

**Brief:** The farm women used to get annual income of Rs. 691300 from Pigeonpea, Grapes and livestock.. With diversification of crops, technical guidance from KVK, input supply, use of **Chisel plough, BBF and integrated farming system**, her annual income has increased to Rs. 1382800.



View of Chisel plough and BBF opener in Farmers field



Name of farmer : Prakash Dodmani  
 Address : Muttagi  
 Age : 41  
 Education : BA  
 Size of land holding (in acre) : 7 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeon pea	5	25 q	100000	80000
Field crop 2	Maize	2	24 q	36000	26000
Livestock 1	Cow	1	840 lt	42000	21000
Total		7		178000	127000

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	4 acre	24 q	144000	120000	-4	50
Hort. Crop 1	Chilli	1.5 acre	22 q	66000	46000	>100	>100
Hort. Crop 2	Sugarcane	1.5 acre	760 q	167200	125200	>100	>100
Livestock 1	Dairy	6	1680 lt	84000	42000	>100	>100
Livestock 2	Poultry	30	0.6 q	17100	15000	>100	>100
Livestock 3	Goat	13	2.86 q	81510	60000	>100	>100
<b>Total</b>		<b>7</b>		<b>559810</b>	<b>408200</b>		<b>221</b>

**Brief:** The farmer used to get annual income of Rs. 127000 from pigeonpea, maize and livestock. He faced problems like less income from farm. With DFI interventions like introduction of IFS farming, he is getting annual income of Rs 408200. There is a percentage increase of 221 over base year.



Farmers chilli field



View of goatry unit



Name of farmer : Shrishail gennur  
 Address : Hitnalli  
 Age : 35  
 Education : PUC  
 Size of land holding (in acre) : 11.5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	maize	5.5	55 q	82500	49500
Field Crop 2	cotton	2	12 q	60000	30000
Hort. Crop 1	sugarcane	4	1600 q	352000	240000
<b>Total</b>		<b>11.5</b>		<b>494500</b>	<b>319500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Wheat	1 acre	4 q	14000	8000	>100	>100
Field Crop 2	Chickpea	3 acre	13q	62000	50000	>100	>100
Hort. Crop 1	Jasmine	2 acre	25 q	460000	310000	>100	>100
Hort. Crop 2	Grape	2.5 acre	20 q	380000	180000	>100	>100
Hort. Crop 2	Onion	3 acre	300 q	300000	225000	>100	>100
Livestock 1	Goat	7 no.	1.54 q	43890	21945	>100	>100
Livestock 2	Dairy	3.0	2520 lt	126000	50000	>100	>100
<b>Total</b>		<b>11.5</b>		<b>1385890</b>	<b>844945</b>		<b>164</b>

**Brief:** The farmer used to get annual income of Rs. 319500 from maize, cotton and sugarcane. He faced problems like less income from farm. With DFI interventions like introduction of IFS farming, he is getting annual income of Rs 844945. There is a percentage increase of 164 over base year.



Farmers Grape field



Farmers Jasmine field



Name of farmer : Amoghsidda Yallappa Padaganur  
 Address : Markabbinhalli (Devarhipparagi)  
 Age : 27  
 Education : Diploma (Agri)  
 Size of land holding (in acre): 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	6.0	24 q	108000	81500
Field Crop 2	Chickpea (Local)	2.0	8 q	32000	21300
Live stock 1	Goat	10	2.2 q	61600	40200
<b>Total</b>		<b>8.0</b>		<b>201600</b>	<b>143000</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG 152)	6.0	33 q	214500	181200	37.5	122.3
Field Crop 2	Chickpea (JG 11 & Solar Nipping)	2.0	11 q	55000	46800	37.5	119.7
Live Stock 1	Goat	16	3.52 q	98560	72900		81.34
Trees	Acasia ferruginea	04 No's	--	--	--	>100	>100
<b>Total</b>		<b>8.0</b>		<b>368060</b>	<b>300900</b>	<b>--</b>	<b>110</b>

**Brief:** The farmer used to get annual income of Rs. 143000 from Pigeonpea, Chickpea and Live stock. Under the technical guidance from KVK, cultivation of new varieties (**GRG 152 and JG 11**) and better market price, his annual income has increased to Rs. 300900. There is a percentage increase of **110** over base year.



## View of Pigeonpea crop and Solar operated nipping machine in Chickpea



Name of farmer : Shrishail Basappa Hadimani  
 Address : Bijjaragi  
 Age : 67  
 Education : Diploma  
 Size of land holding (in acre): 6.0 acre

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	2.0	30 q	30000	21600
Field Crop 2	Groundnut (Local)	4.0	35 q	80500	51300
Live stock 1	Buffaloo	02	3930 lt	196000	145000
<b>Total</b>		<b>6.0</b>		<b>306500</b>	<b>217900</b>

## 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Maize (Pvt.Hybrid)	2.0	40 q	60000	46800	33.33	116.6
Field Crop 2	Groundnut (G 2-52)	4.0	76 q	342000	266000	60.0	418.58
Live Stock 1	Buffaloo	04	7750 lt	378000	282000	97.20	94.48
Trees	Neem	06 No's	--	--	--	>100	>100
<b>Total</b>		<b>6.0</b>		<b>780000</b>	<b>594800</b>	<b>--</b>	<b>173</b>

**Brief:** The farmer used to get annual income of Rs. 217900 from Maize, Groundnut and Live stock. Under the technical guidance from KVK, cultivation of new varieties (G 2-52) and better market price, his annual income has increased to Rs. 594800. There is a percentage increase of 173 over base year.



View of Maize and Ground nut field



**Name of farmer** : Suresh Rathod  
**Address** : Hadagali  
**Age** : 37  
**Education** : 9th  
**Size of land holding (in acre)** : 3.20

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	02	8 q	40000	31562
Field Crop 2	Sorghum (Local)	01	4.5 q	9000	6500
Hort. Crop 1	Lime (Local)	8 gunta	85 q	12500	9500
<b>Total</b>		<b>3.20</b>		<b>61500</b>	<b>47562</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Productio n	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG- 811)	02	11 q	71500	63500	37.5	101
Field Crop 2	Sorghum (CSV- 29R)	01	6 q	13200	11800	33.33	81.53
Hort. Crop 1	Lime (Kagzi)	8 gunta	115 q	32400	26300	35.29	176.84
Hort. Crop 2	Coconut trees on	04	150/tree/year	-	-	>100	>100
Other enterprise	Vermicomposti n g	2 beds	40 q/year	40000	37000	>100	>100
<b>Total</b>		<b>3.20</b>		<b>157100</b>	<b>138600</b>		<b>191</b>

**Brief:** The farmer used to get annual income of Rs. 47562 from Pigeonpea, Sorghum and Lime . He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG- 152, CSV 29 R and Lime special and use of bioagents, vermicomposting** etc., he is getting annual income of Rs 138600. There is a percentage increase of 191 over the base year.



Interaction with farmers on IPM in Pigeonpea and Lime



Name of farmer : Yallappa Lakshman Muddapur  
 Address : Hullur  
 Age : 61  
 Education : 5 th  
 Size of land holding (in acre) : 3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Num	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3 q	15300	10900
Hort. Crop 1	Sorghum (Local)	1.0	3 q	6000	3800
Hort. Crop 2	Sugarcane (Local)	1.0	340 q	68000	58400
<b>Total</b>		<b>3.0</b>		<b>89300</b>	<b>73100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	30600	100.0	180.73
Hort. Crop 1	Sorghum (SPV 2217)	1.0	5 q	15000	11500	66.66	202.63
Hort. Crop 2	Sugarcane (SNK 7680)	1.0	480 q	120000	106800	23.07	82.87
<b>Total</b>		<b>3.0</b>		<b>171600</b>	<b>148900</b>		<b>104</b>

**Brief:** The farmer used to get annual income of Rs. 73100 from Pigeonpea, Sorghum and Sugarcane. He faced problems like New varieties, Pest and diseases etc. With DFI interventions like **GRG- 811, GRG-152, BDN-111, CSV 29 R, SPV 2217, CO86032 variety introduction and Pulse magic uses and SNK 7680, IPM practices like use of Metarhizium for root grub, Microbial consortia for weed striga** etc., he is getting annual income of Rs **148900**. There is a percentage increase of 104 over the base year.



Introduction of new Pigeonpea variety GRG-152



Interaction with farmer on management of Striga weed



Name of farmer : Arvind Mallanagouda Patil  
 Address : Manguli  
 Age : 39  
 Education : PUC  
 Size of land holding (in acre): 20 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	12	54 q	243000	147000
Field Crop 2	Maize	6	60 q	36000	12000
Hort. Crop 2	Tomato	1	40 q	100000	80000
Hort. Crop 2	Brinjal	1	40 q	140000	110000
Total		20		<b>519000</b>	<b>349000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	12	60 q	360000	288000	11	96
Hort. Crop 1	Watermelon	6	1200 q	1200000	480000	>100	>100
Hort. Crop 2	Onion	2	220 q	220000	136200	>100	>100
Total		20		<b>1780000</b>	<b>904200</b>		<b>159</b>

**Brief:** The farmer used to get annual income of Rs. 349000 from redgram, maize, tomato and brinjal. He faced problems like maintenance of pests in brinjal. He shifted to new crops like watermelon and onion, used bio fertilizers as suggested by KVK and is getting annual income of Rs 904200. There is a percentage increase of 159 over base year.



**IDM in watermelon**



**IDM in onion**



**Name of farmer** : Anand Ganapathy Hugar  
**Address** : Managuli  
**Age** : 49  
**Education** : SSLC  
**Size of land holding (in acre):** 5.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (Local)	2.0	740 q	148000	94700
Field Crop 2	Pigeonpea (Local)	3.0	10.5 q	42000	29400
<b>Total</b>		<b>5.0</b>		<b>190000</b>	<b>124100</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (SNK 9211)	2.0	1100 q	275000	213800	48.64	125.7
Field Crop 2	Pigeonpea (Chisel plough)	3.0	16.5 q	112200	84100	57.14	186.0
Others	Vermi-unit	02 pit	30 q	24000	17800	>100	>100
<b>Total</b>		<b>5.0</b>		<b>411200</b>	<b>315700</b>	<b>--</b>	<b>154</b>

**Brief:** The farmer used to get annual income of Rs. 124100 from Pigeonpea and Sugarcane. Under the technical guidance from KVK, cultivation of new varieties (SNK 9211 and Chisel plough) and better market price, his annual income has increased to Rs. 315700. There is a percentage increase of **154** over base year.



View of Farmer field and Vermi-compost unit



Name of farmer : Ravindra Chandrashekhar Choudhari  
 Address : Hittinahalli  
 Age : 44  
 Education : PUC  
 Size of land holding (in acre): 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	20 q	80000	53900
Field Crop 2	Chickpea	3.0	12 q	42000	26900
Live stock 1	Buffalo	04	7750 lt	310000	173600
Live stock 2	Goat	24	5.28 q	147840	112400
<b>Total</b>				<b>579840</b>	<b>366800</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	5.0	27.5 q	187000	139400	37.5	158.6
Field Crop 2	Chickpea	3.0	16.5 q	75900	53600	37.5	99.25
Live Stock 1	Buffalo	04	7750 lt	387500	321600	--	8527
Live stock 2	Goat	46	10.12 q	283360	219300	91.66	95.10
<b>Total</b>				<b>933760</b>	<b>733900</b>	<b>--</b>	<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 366800 from Pigeonpea, Chickpea and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to Rs. 733900. There is a percentage increase of **100** over base year.



**View of Farmer field and Goatery unit**

**Name of farmer** : Siddappa Kallappa Karajol  
**Address** : Hadagali  
**Age** : 65  
**Education** : -  
**Size of land holding (in acre)** : 4.0

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20400	16500
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3600
Hort. Crop 1	Pomegranate (Local)	2.0	90 q	270000	214000
<b>Total</b>		<b>4.0</b>		<b>296400</b>	<b>234100</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	31500	50.00	90.90
Field Crop 2	Sorghum (CSV 29R)	1.0	5 q	15000	12000	66.66	233.33
Hort. Crop 1	Pomegranate (Kesar)	2.0	130 q	845000	765000	44.44	257.47
<b>Total</b>		<b>4.0</b>		<b>896600</b>	<b>808500</b>		<b>245</b>

**Brief:** The farmer used to get annual income of Rs. 234100 from Pigeonpea, Sorghum and Pomegranate. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 CSV 29 R, SPV 2217 varieties, Pulse magic, use of pheromone traps and Trichoderma, Psuedomonas, Paecolomyces, Solar light trap** etc., he is getting annual income of Rs 808500. There is a percentage increase of 245 over the base year.



**Interaction with farmers on IPM in Pomegranate**



**Name of farmer** : Shivanand Chandrakant Konasangi  
**Address** : Hadagali  
**Age** : 29  
**Education** : BA  
**Size of land holding (in acre)** : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	1.0	5 q	6000	4300
Field Crop 2	Sugarcane (Local)	1.0	350 q	70000	55000
<b>Total</b>		<b>2.0</b>		<b>76000</b>	<b>59300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Metarhizium, Pheromone traps and NPV)	1.0	9 q	21600	17500	80.00	306.97
Field Crop 2	Sugarcane (Metarhizium m,)	1.0	450 q	112500	101500	28.57	84.5
Other enterprise (Specify)	Mahagani trees (2 years old)	15.0 Nos.	-	-	-	>100	>100
<b>Total</b>		<b>2.0</b>		<b>134100</b>	<b>119000</b>		<b>101</b>

**Brief:** The farmer used to get annual income of Rs. 59300 from Maize and Sugarcane. He faced problems Pests and Disease, etc. With DFI interventions like use of **Metarhizium, Pheromone traps and NPV, Metarhizium application, Microbial consortia** etc., he is getting annual income of Rs 119000. There is percentage increase of 101 over the base year.



Interaction with farmers on IPM in Maize



Name of farmer : Sidappa Shivlingappa Bhusgond  
 Address : Tikota  
 Age : 61  
 Education : BA  
 Size of land holding (in acre): 59 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	30	135 q	607500	457500
Field Crop 2	Sorghum	7	21 q	31500	10500
Field Crop 3	Chickpea	10	40 q	152000	102000
Field crop 4	Wheat	10	40 q	100000	50000
Field crop 5	Foxtail millet	2	12 q	18000	10000
Live stock 1	Cow	2	2800 lt	112000	62000
<b>Total</b>		<b>59</b>		<b>1021000</b>	<b>692000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	20	100 q	620000	500000	-26	9
Field Crop 2	Chickpea	10	40 q	220000	170000	0	66
Field Crop 4	Wheat	10	40 q	140000	100000	0	100
Field Crop 5	Foxtail millet	5	30 q	45000	25000	150	150
Hort Crop 1	Ajwain	10	40 q	720000	470000	>100	>100
Hort Crop 2	Sweet potato	2	100 q	120000	80000	>100	>100
Hort Crop 3	Turmeric	2	20 q	160000	110000	>100	>100
Live Stock 1	Cow	2	3360 lt	168000	118000	20	90
<b>Total</b>		<b>59</b>		<b>2193000</b>	<b>1573000</b>		<b>127</b>

**Brief:** The farmer used to get annual income of Rs. 692000 from Pigeonpea, Chickpea, wheat, millets and Live stock. With diversification of crops, technical guidance from KVK, input supply, marketing facilitation and better market price, his annual income has increased to Rs.1573000. There is a percentage increase of 127 over base year.





**Name of farmer** : Santosh Basappa Hosur  
**Address** : Hitnalli  
**Age** : 36  
**Education** : BA  
**Size of land holding (in acre):** 23 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	8	40 q	180000	116000
Field Crop 2	Sorghum	4	16 q	28800	12800
Field Crop 3	Chickpea	8	32 q	128000	96000
Field crop 4	Wheat	3	12 q	30000	15000
Live stock 1	Cow	2	3360 lt	134400	84400
Total		23		501200	324200

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	8	48 q	297600	249600	20	115.17
Field Crop 2	Chickpea	11	44 q	264000	198000	38	106
Hort Crop 1	Chilli	2	30 q	60000	40000	>100	>100
Hort Crop 1	Onion	2	220 q	264000	214000	>100	>100
Live Stock 1	Cow	4	6720 lt	336000	280000	100	231.75
Total				1221600	981600		203

**Brief:** The farmer used to get annual income of Rs. 324200 from Pigeonpea, Chickpea, wheat and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to Rs.981600. There is a percentage increase of 203 over base year.



IPM in Chilli



View of farmers Dairy unit



Name of farmer : Anand Niranji  
 Address : Managuli  
 Age : 42  
 Education : PUC  
 Size of land holding (in acre): 14.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	6.0	210 q	420000	316500
Field Crop 2	Pigeonpea	6.0	21 q	94500	68300
Horti. Crop 1	Banana	2.0	440 q	352000	196400
<b>Total</b>				<b>866500</b>	<b>581200</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	6.0	324 q	810000	642600	54.28	103.03
Field Crop 2	Pigeonpea	6.0	33 q	224400	174800	57.10	155.9
Horti. Crop 1	Banana	2.0	660 q	594000	348300	50.0	77.34
Others	Vermi-unit	02 pit	40 q	32000	22600	>100	>100
<b>Total</b>				<b>1660400</b>	<b>1188300</b>	<b>--</b>	<b>104</b>

**Brief:** The farmer used to get annual income of Rs. 581200 from Pigeonpea and Sugarcane. Under the technical guidance from KVK and better market price, his annual income has increased to Rs. 1188300. There is a percentage increase of 104 over base year.



## View of Banana and Sugarcane field



Name of farmer : Kasappa Kalebagh  
 Address : Tajpur  
 Age : 58  
 Education : Primary  
 Size of land holding (in acre) : 2.5

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	1.5	5 q	25500	17300
Field Crop 2	Banana	1.0	120 q	84000	51500
Livestock 1	Buffaloo	02	3930 lt	196000	135000
<b>Total</b>				<b>305500</b>	<b>203800</b>

## 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production	Gross Income	Net Income	production	income
Chisel plough used	Redgram (GRG-152)	1.5	8 q	40800	38200	60.0	120.8
Banana special	Banana	1.0	16 q	128000	101300	33.33	96.7
Livestock 1	Buffaloo	04	7750 lt	378000	282000	97.2	108.8
Livestock 2	Chicks	12	--	--	--	>100	>100
<b>Total</b>				<b>546800</b>	<b>421500</b>	<b>--</b>	<b>107</b>

**Brief:** The farmer used to get annual income of Rs. 421500 from 203800. He faced problems like moisture stress and low yield. With DFI interventions like GRG 152 cultivation, he is getting annual income of Rs. 421500 and there is a percentage increase of 107 over the base year.



View of Pigeonpea crop in farmers field



Name of farmer : Madevi Chavhan  
 Address : Hadagali  
 Age : 34  
 Education : -  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram (Local)	1.0	3 q	10500	7800
Field Crop 2	Chickpea (Local)	1.0	3 q	12500	8500
<b>Total</b>		<b>2.0</b>		<b>23000</b>	<b>16300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (O/Liter/No)	Gross Income	Net Income	production	income
Field Crop 1	Greengram (DGV-2)	1.0	5 q	22500	19300	66.66	147.43
Field Crop 2	Chickpea (JG- 11)	1.0	5 q	26000	21500	66.66	152.94
<b>Total</b>		<b>2.0</b>		<b>48500</b>	<b>40800</b>		<b>150</b>

**Brief:** The farmer used to get annual income of Rs. 16300 from Greengram and Chickpea. He faced problems like new verities, Pest and Disease, etc. With DFI interventions like New variety introduction like **DGV-2, JG-11, use of pulse magic and chickpea magic, use of pheromone traps** etc., he is getting annual income of Rs 40800. There is a percentage increase of 150.30 over the base year.



Demonstration of DGV- 2 greengram variety



Demonstration of seed treatment in Chickpea



**Name of farmer** : Malakappa Katavi  
**Address** : Arakeri  
**Age** : 59  
**Education** : -  
**Size of land holding (in acre)** : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20000	15500
Hort. Crop 1	Chilli (Local)	1.0	60 q	240000	200000
<b>Total</b>		<b>2.0</b>		<b>260000</b>	<b>215500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG- 152)	1.0	6 q	36600	31100	50.00	100.00
Hort. Crop 1	Chilli (Arka Kyati)	1.0	130 q	650000	600000	116.66	200
<b>Total</b>		<b>2.0</b>		<b>686600</b>	<b>631100</b>		<b>193</b>

Brief: The farmer used to get annual income of Rs. 215500 from Pigeonpea and Chilli. He faced problems like new varieties, pest and disease etc. With DFI interventions like New variety introduction GRG- 811, GRG-152, BDN-111, Arka kyati, Arka meghana, vegetable special, yellow sticky traps etc., he is getting annual income of Rs 631100. There is a percentage increase of 193 over the base year.



Interaction with farmers on performance of Pigeonpea and Chilli hybrids



**Name of farmer** : Ashwini Chandrashekar Reddy  
**Address** : Manguli  
**Age** : 31  
**Education** : BA  
**Size of land holding (in acre):** 11 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	18 q	72000	48000
Field Crop 2	Sorghum	3	12 q	24000	12000
Field Crop 3	Sugarcane	2	800 q	176000	126000
Live stock 1	Cow	15 (4)	2880 lt	100800	50400
Total		11		372800	236400

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	2.5	11.25 q	67500	52500	-37.5	9.37
Field Crop 2	Sorghum	2.5	10 q	25000	15000	-16.7	25
Hort Crop 1	Banana	1.0	180 q	126000	101000	>100	>100
Hort Crop 2	Sapota	1.0	1.5 q	15000	10000	>100	>100
Hort Crop 3	Guava	1.0	72 q	180000	120000	>100	>100
Hort Crop 4	Lemon	2.0	95 q	285000	225000	>100	>100
Live Stock 1	Cow	34 (8)	5760 lt	230400	115200	100	128.6
Others 1	Poultry	100	2 q	56000	56000	>100	>100
Others 2	Ghee		1q	40000	40000	>100	>100
	Butter milk		2500 lt	50000	50000	>100	>100
Others 3	Fodder Super napier	1.0	100 q	40000	30000	>100	>100
Others 4	Cow urine		7500 lt	75000	75000	>100	>100
Others 5	Dog puppies	2	6 puppies	60000	60000	>100	>100
Total		11		<b>1249900</b>	<b>949700</b>		<b>302</b>

**Brief:** The farm women used to get annual income of Rs. 236400 from Pigeonpea, sorghum and livestock.. With diversification of crops, technical guidance from KVK, input supply , value addition and integrated farming system, her annual income has increased to 949700. There is a percentage increase of 302 over base year.



**Dairy unit of farm women**



**Packing and Sale of ghee by farm women**



**Name of farmer** : Mallikarjun Galagali  
**Address** : Vijayapur  
**Age** : 40  
**Education** : 7<sup>th</sup> std  
**Size of land holding (in acre)** : 11 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	24 q	96000	72000
Field Crop 2	Maize	5	60 q	90000	65000
Hort. Crop 1	Buffalo	2	2240 lt	89600	69600
<b>Total</b>		<b>11</b>		<b>275600</b>	<b>206600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	5	30 q	180000	150000	25	108.33
Field Crop 2	Maize	4	64 q	115200	75200	6.66	15.69
Hort. Crop 1	Grapes	2	75 q	925000	625000	>100	>100
Livestock 1	Buffalo	6	6720 lt	336000	168000	200	141.37
Livestock 2	Cow	1	840 lt	42000	37000	>100	>100
<b>Total</b>		<b>11</b>		<b>1598200</b>	<b>1055200</b>		<b>411</b>

**Brief:** The farmer used to get annual income of Rs. 206600 from pigeonpea, maize and livestock. He faced problems like less income from farm. With DFI interventions like IDM in grapes, disease management in livestock, he is getting an annual income of Rs.1055200. There is a percentage increase of 411 over base year.



IDM in grape



Introduction of pulse magic in pigeonpea



Name of farmer : Sabu Bidari  
 Address : Tajpur  
 Age : 58  
 Education : No  
 Size of land holding (in acre) : 7.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Redgram	5.0	22.5 q	112500	84000
Field Crop 2	Sorghum	2.0	6 q	12000	8350
Livestock 1	Goat	02	0.44 q	12320	7000
<b>Total</b>				<b>136820</b>	<b>99350</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Productio n	Gross Income	Net Income	production	income
Chisel plough used	Redgram (TS 3R)	5.0	31.5 q	176000	144200	40.0	71.7
Field Crop 2	Sorghum	2.0	12 q	36000	29100	100	248.5
Livestock 1	Goat	06	1.32 q	36960	26500	200.5	278.6
Trees	Tamarind	18	--	--	--	>100	>100
<b>Total</b>				<b>248960</b>	<b>199800</b>	<b>--</b>	<b>101</b>

**Brief:** The farmer used to get annual income of Rs.99350. He faced problems like moisture stress and wilt. With DFI interventions like Chisel plough cultivation, he is getting annual income of Rs 199800. There is a percentage increase of 101 over base year



View of Farmer field and Chisel plough operation



**Name of farmer** : Malakappa Channappa Savalsangh  
**Address** : Tajpur  
**Age** : 58  
**Education** : No  
**Size of land holding (in acre)** : 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	3.0	10.5q	62500	47200
Livestock 1	Buffallo	01	1960 lt	98000	67500
<b>Total</b>				<b>160500</b>	<b>114700</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No	Gross Income	Net Income	production	income
Solar operated Nipping machine used	Redgram (TS 3R)	3.0	16.5 q	105600	84500	57.14	79.0
Livestock 1	Buffallo	02	3930 lt	196000	145000	100.5	114.8
Plants	Guava	24	--	--	--	>100	>100
<b>Total</b>				<b>301600</b>	<b>229500</b>	<b>--</b>	<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 114700. He faced problems like low yield and less branching. With DFI interventions like Solar operated Nipping machine used and IFS, he is getting annual income of Rs 229500. There is a percentage increase of 100 over base year



View of operation of Solar nipping machine



Name of farmer : Pulsing Chavhan  
 Address : Hadagali  
 Age : 59  
 Education :-  
 Size of land holding (in acre) 3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3 q	15300	10900
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3800
Hort. Crop 1	Lime (Local)	1.0	60 q	72000	59500
<b>Total</b>		<b>3.0</b>		<b>93300</b>	<b>74200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre) / No )	Production (Q/Liter/No.	Gross Income (Rs.)	Net Incom e (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	30600	100.0	180.73
Field Crop 2	Sorghum (CSV-29R)	1.0	5 q	15000	11500	66.66	202.63
Hort. Crop 1	Lime (Kagzi)	1.0	90 q	126000	108000	50.00	81.51
<b>Total</b>		<b>3.0</b>		<b>177600</b>	<b>150100</b>		<b>102</b>

problems like New varieties, Pest and diseases etc. With DFI interventions like GRG- 811, GRG-152, BDN-111, CSV 29 R, SPV 2217, BDN 111-1, seed treatment with bioagents, use of pheromone traps etc., he is getting annual income of Rs 150100. There is a percentage increase of 102 over the base year.





**Name of farmer** : Sunil Tiwari  
**Address** : Arakeri  
**Age** : 39  
**Education** : BA  
**Size of land holding (in acre)** : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20400	16500
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3600
Hort. Crop 1	Grape (Local)	1.0	60 q	120000	77000
<b>Total</b>		<b>3.0</b>		<b>146400</b>	<b>97100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	31500	50.00	90.90
Field Crop 2	Sorghum (CSV-29R)	1.0	5 q	15000	12000	66.66	233.33
Hort. Crop 1	Grape (Thomson seedless)	1.0	90 q	270000	218000	50.00	183.11
Other enterprises	Vermicom posting	2 beds	30 q	30000	26500	>100	>100
<b>Total</b>		<b>3.0</b>		<b>351600</b>	<b>288000</b>		<b>197</b>

**Brief:** The farmer used to get annual income of Rs. 97100 from Pigeonpea, Sorghum and Grape. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152 CSV 29 R, SPV 2217 varieties, Pulse magic, bioagents like trichoderma, Psuedomonas, Grape special** etc., he is getting annual income of Rs 288000. There is a percentage increase of 197 over the base year.



Interaction with farmer on pest and disease management in Grape and Sorghum



**Name of farmer** : Sidappa Dundappa balgond  
**Address** : Kohlar  
**Age** : 57  
**Education** : SSLC  
**Size of land holding (in acre):** 38 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Pigeonpea	25	125 q	500000	375000
Field Crop 2	Sorghum	10	40 q	60000	20000
Live stock 1	Cow	20 (12)	6720 lt	168000	88000
Others	Goat	32 (10)	2 q	70000	60000
<b>Total</b>		<b>38</b>		<b>798000</b>	<b>543000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	25	150 q	900000	750000	20	100
Hort Crop 1	grapes	9	180 q	324000	144000	>100	>100
Hort Crop 1	Mother plants	3	-	-	-	>100	>100
Hort Crop 2	nursery	1		2000000	800000	>100	>100
Live stock 1	Buffalo	1	1120 lt	44800	34800	>100	>100
<b>Total</b>		<b>38</b>		<b>3268800</b>	<b>1728800</b>		<b>218</b>

**Brief:** The farmer used to get annual income of Rs. 543000 from Pigeonpea, sorghum and Live stock. Under the technical guidance, trainings and exposure visits etc. from KVK his annual income has increased to Rs.1728800. There is a percentage increase of 218 over base year.



View of Nursery



Mother plant field



**Name of farmer** : Mahantesh choudhary  
**Address** : Baluti  
**Age** : 29  
**Education** : B.Sc.  
**Size of land holding (in acre):** 25 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	3	45 q	67500	46500
Hort. Crop 1	Pomegranate	3	90 q	450000	300000
Hort. Crop 2	Sugarcane	4	1600 q	320000	208000
Hort. Crop 4	Onion	5	290 q	522000	472000
Live stock 1	Cow	2 (1)	560 lt	19600	9800
Live stock 2	Buffalo	2 (1)	840 lt	29400	14700
<b>Total</b>				<b>1408500</b>	<b>1051000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	3	45 q	81000	60000	0	29.03
Hort. Crop 1	Pomegranate	4	120 q	600000	400000	33.3	33.33
Hort. Crop 2	Sugarcane	4	1800 q	450000	350000	12.5	68.26
Hort. crop 3	Turmeric	3	60 q	480000	380000	>100	>100
Hort. Crop 4	Onion	4	300 q	600000	450000	3.4	-4.66
Hort. Crop 5	Banana	3	600 q	300000	150000	>100	>100
Hort. Crop 6	Guava	2	50 q	80000	40000	>100	>100
Hort. Crop 7	Marigold	2	100 q	400000	200000	>100	>100
Live stock 1	Cow	2	1120 lt	44800	35000	100	257.14
Live stock 2	Buffalo	2	1680 lt	67200	55000	100	274.14
<b>Total</b>				<b>3103000</b>	<b>2120000</b>		<b>102</b>

**Brief:** The farmer used to get annual income of Rs. 1051000 from maize, pomegranate, sugarcane and livestock. With diversification of enterprises , training and technical guidance from KVK, his annual income has increased to 2120000. There is a percentage increase of 102 over base year.



Farmer in turmeric field



Farmer in marigold field



Name of farmer : Banappa Bidari  
 Address : Tajpur  
 Age : 62  
 Education : No  
 Size of land holding (in acre) : 8.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bengalgram	3.0	11.5 q	48200	32600
Field Crop 2	Redgram	5.0	18.5 q	97500	71500
<b>Total</b>				<b>145700</b>	<b>104100</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Bengalgram	3.0	17.5 q	87500	78600	52.2	141.1
Field Crop 2	Redgram	5.0	26.5 q	169600	140500	43.2	96.50
<b>Total</b>				<b>257100</b>	<b>219100</b>	<b>--</b>	<b>110</b>

**Brief:** The farmer used to get annual income of Rs. **104100** from Rs. 104100. He faced problems like low yield and non-branching. With DFI interventions like Solar operated Nipping machine and Chisel plough, he is getting annual income of Rs 219100 and there is a percentage increase of 110 over the base year.



View of operation of solar nipping/foilage collector machine



**Name of farmer** : Sidhram Savalsangh  
**Address** : Tajpur  
**Age** : 36  
**Education** : Highschool  
**Size of land holding (in acre)** : 7.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	<i>Rabi Sorghum</i>	7.0	22 q	51000	41500
Livestock 1	Goat	02	0.44 q	12320	7800
<b>Total</b>				<b>63320</b>	<b>49300</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Compartmental bunds prepared	<i>Rabi Sorghum (CSV 29R)</i>	7.0	35 q	87500	79400	59.00	91.32
Livestock 1	Goat	06	1.32 q	36960	22500	200.5	188.46
Trees	Neem	11	--	--	--	>100	>100
<b>Total</b>				<b>124460</b>	<b>101900</b>	<b>--</b>	<b>107</b>

**Brief:** The farmer used to get annual income of Rs. 49300. He faced problems like low yield and moisture stress. With DFI interventions like compartmental bunds were prepared in *rabi Sorghum* and Livestock, he is getting annual income of Rs 101900 and there is a percentage increase of 107 over the base year.



**View of compartment bunds and Goatery unit**



**Name of farmer** : Vasuram nanu Rathod  
**Address** : Hadagali  
**Age** : 63  
**Education** : -  
**Size of land holding (in acre)** : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	3 q	12000	7800
Field Crop 2	Wheat (Local)	2.0	6 q	10800	7900
<b>Total</b>		<b>3.0</b>		<b>22800</b>	<b>15700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-811)	1.0	6 q	36600	30600	100.0	292.23
Field Crop 2	Wheat (UAS 304)	2.0	10 q	25000	21000	66.66	165.82
<b>Total</b>		<b>3.0</b>		<b>61600</b>	<b>51600</b>		<b>229</b>

**Brief:** The farmer used to get annual income of Rs. 15700 from Pigeonpea and Wheat. He faced problems like new varieties, Pest and Disease etc. With DFI interventions like GRG- 811, GRG-152, BDN-111 variety introduction and Pulse magic use in Pigeonpea and in Wheat use of UAS- 304 variety, Seed treatment with biofertilizers, use of Emamectin benzoate for shoot fly management etc., he is getting annual income of Rs 51600. There is a percentage increase of 229 over the base year.



Interaction with farmers on IPM in Pigeonpea and demonstration of Wheat variety



Name of farmer : Mallikarjun Kolhar  
 Address : Kubakaddi  
 Age : 37  
 Education : B.A  
 Size of land holding (in acre) : 3.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	2.0	7 q	35000	30350
Field Crop 2	Sugarcane (Local)	1.0	350 q	70000	61200
<b>2) Total</b>		<b>3.0</b>		<b>105000</b>	<b>91550</b>

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (O/Liter/No)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea (GRG-	2.0	12 q	73200	62000	71.4	104.28
Field Crop 2	Sugarcane (SNK	1.0	450 q	112500	103800	28.6	69.60
Other enterprise	Vermicomposting	3 beds	50 q	40000	36100	>100	>100
<b>Total</b>		<b>3.0</b>		<b>225700</b>	<b>201900</b>		<b>121</b>

Brief: The farmer used to get annual income of Rs. 91550 from Pigeonpea and Sugarcane. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction GRG- 811, GRG-152, SNK 7680 and use of Metarhizium and Microbial consortia etc., he is getting annual income of Rs 201900. There is a percentage increase of 121 over the base year.



Interaction with farmers on management of root grub in Sugarcane by using Metarhizium and pest and disease management in Pigeonpea



Name of farmer : Ashok Honalli  
 Address : Honalli  
 Age : 53  
 Education : 4  
 Size of land holding (in acre): 11 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	1	6 q	33000	13000
Field crop 2	Pigeonpea	6	30 q	120000	90000
Hort. crop 1	Lemon	4	200 q	400000	280000
<b>Total</b>		<b>11</b>		<b>553000</b>	<b>383000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Wheat	1	4 q	12000	7000	>100	>100
Field crop 1	Pigeonpea	6	36 q	216000	180000	20	100
Hort. Crop 1	lemon	4	240 q	960000	840000	20	200
<b>Total</b>		<b>11</b>		<b>1188000</b>	<b>1027000</b>		<b>168</b>

**Brief:** The farmer used to get annual income of Rs. 383000 from cotton, pigeonpea and lemon. He faced problems like less income from farm due to pest and diseases. With DFI interventions like technical guidance for management of diseases in crops, he is getting annual income of Rs 1027000. There is a percentage increase of 168 over base year.



Canker management in lime



View of Pigeonpea field



Name of farmer : Thammanna Sadhappa Halalli  
 Address : Tajpur  
 Age : 50  
 Education : 7th  
 Size of land holding (in acre): 12.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	4.0	14 q	57400	46500
Hort. Crop 1	Grapes	8.0	1200 q	2400000	1304000
<b>Total</b>				2457400	1350500

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	4.0	22 q	143000	121600	57.14	161.5
Hort. Crop 1	Grapes	8.0	1440 q	3600000	2585000	20.0	98.2
<b>Total</b>				<b>3743000</b>	<b>2706600</b>	<b>--</b>	<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 1350500 from Pigeonpea and Grapes. He faced problems like low yield in farm. With DFI interventions like introduction of Integrated farming system and Chisel plough he is getting annual income of Rs. 2706600. There is a percentage increase of 100 over base year.



View of Farmer field and operation of Chisel plough



**Name of farmer** : Yallappa Hanamant Chittharaki  
**Address** : Tajpur  
**Age** : 42  
**Education** : SSLC  
**Size of land holding (in acre)** : 5.0 acre

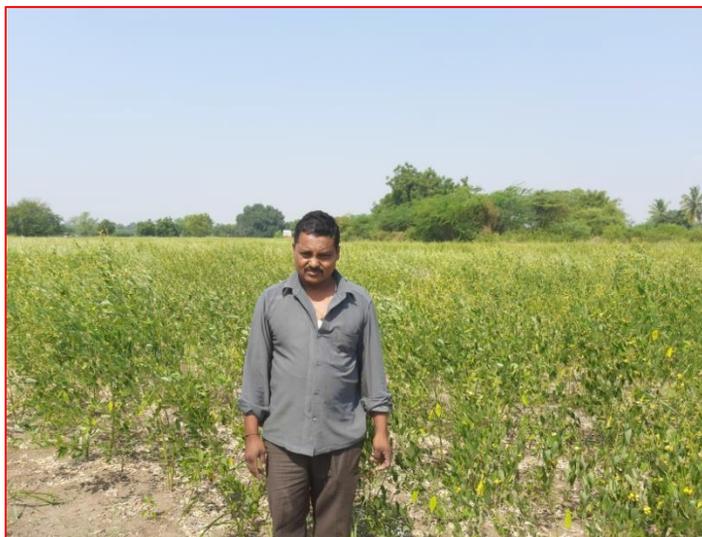
### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	5.0	20 q	80000	43500
Live stock 1	Goat	10	2.2 q	61600	36500
Live stock 2	Buffaloo	03	5880 lt	294000	180445
<b>Total</b>				<b>435600</b>	<b>260445</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	5.0	27.5 q	178750	154600	37.5	255.40
Live Stock 1	Goat	16	3.52 q	98560	76000	60.0	108.2
Live Stock 2	Buffaloo	04	7750 lt	378000	292000	31.8	61.85
<b>Total</b>				<b>655310</b>	<b>522600</b>	<b>--</b>	<b>101</b>

**Brief:** The farmer used to get annual income of Rs. 260445 from Pigeonpea and livestock. He got better yield with technical guidance from KVK like use of IFS and also good market rate and his annual income increased to Rs. 522600. There is a percentage increase of 101 over base year.



View of Farmer field and Goatery unit



Name of farmer : Maibubsab Peersab Ronyal  
 Address : Kubakaddi  
 Age : 38  
 Education : PUC 2nd  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	4 q	20000	15500
Field Crop 2	Sugarcane (Local)	1.0	350 q	70000	61200
<b>Total</b>		<b>2.0</b>		<b>90000</b>	<b>76700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-152)	1.0	6 q	36600	31100	50.00	100.00
Field Crop 2	Sugarcane (SNK7680)	1.0	430 q	107500	97700	22.85	59.64
Livestock	Goat	10 no.	1.80 q	90000	74500	>100	>100
<b>Total</b>		<b>2.0</b>		<b>234100</b>	<b>203300</b>		<b>165</b>

**Brief:** The farmer used to get annual income of Rs. 76700 from Pigeapea and Sugarcane. He faced problems like new verities, etc. With DFI interventions like New variety introduction **GRG- 811, GRG-152, BDN-111, and Pulse magic, SNK 7680, Metarhizium application, Microbial consortia** etc etc., he is getting annual income of Rs 203300. There is a percentage increase of 165 over the base year.



**Interaction with farmers on striga weed management in Sugarcane by using microbial consortia and IPM in Pigeanpea**



Name of farmer : Sangamesh siddappa Ugran  
 Address : Kubakaddi  
 Age :29  
 Education :--  
 Size of land holding (in acre) :3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea (Local)	1.0	2 q	10200	7200
Field Crop 2	Sorghum (Local)	1.0	3 q	6000	3800
Field Crop 3	Sugarcane (Local)	1.0	390 q	78000	62000
<b>Total</b>		<b>3.0</b>		<b>94200</b>	<b>73000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) / No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea (GRG-	1.0	6 q	36600	30600	200.0	325.00
Field Crop 2	Sorghum (CSV-	1.0	5 q	15000	11500	66.66	202.63
Field Crop 3	Sugarcane	1.0	480 q	120000	104300	23.07	68.22
<b>Total</b>		<b>3.0</b>		<b>171600</b>	<b>146400</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 73000 from Pigeonpea, Sorghum and Sugarcane. He faced problems like New varieties, Pest and diseases etc. With DFI interventions like GRG- 811, GRG- 152, BDN-111, CSV 29 R, SPV 2217, CO86032 variety introduction and Pulse magic uses and IPM practices like use of Metarhizium for root grub, Microbial consortia for weed striga etc., he is getting annual income of Rs 146400. There is a percentage increase of 100 over base year.



Interaction with farmer on management of Striga weed and IPM in Sorghum



Name of farmer : Shankar Hullur  
 Address : Honalli  
 Age : 39  
 Education : B Ed.  
 Size of land holding (in acre): 11 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sorghum	2	8 q	12000	4000
Field Crop 2	Safflower	3	4 q	16000	10000
Field Crop 3	Sunflower	4	16 q	64000	48000
Hort. Crop 1	Lime	2	100 q	300000	200000
Total				392000	262000

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	3	18 q	108000	90000	>100	>100
Field Crop 2	Groundnut	3	36 q	225000	165000	>100	>100
Hort. Crop 1	Sunflower	3	18 q	90000	66000	12.5	37.5
Hort. Crop 2	Lime	2	120 q	360000	260000	20	30
Total				783000	581000		122

**Brief:** The farmer used to get annual income of Rs. 262000 from sorghum, safflower, sunflower and lime. With technical guidance from KVK regarding IDM practices, his annual income increased to 581000. There is a percentage increase of 122 over base year.



IDM in lime



ICM in Pigeonpea



Name of farmer : Shrishail Basappa Kalebagh

Address : Tajpur

Age : 50

Education : 5<sup>th</sup>

Size of land holding (in acre): 6.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	4.0	14 q	56000	32500
Field Crop 2	Chickpea	1.0	4 q	14000	9100
Live stock 1	Goat	04	0.88 q	24640	15000
<b>Total</b>				<b>94640</b>	<b>56600</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	4.0	22 q	149600	128600	57.41	295.6
Field Crop 2	Chickpea	1.0	6 q	27000	21800	50.0	139.5
Live Stock 1	Goat	06	1.32 q	36960	22500	50.0	50.0
Live stock 2	Chicks	09	--	--	--	>100	>100
<b>Total</b>				<b>213560</b>	<b>172900</b>	<b>--</b>	<b>205</b>

**Brief:** The farmer used to get annual income of Rs. 56600 from Pigeonpea, Chickpea and Live stock. Under the technical guidance from KVK and better market price, his annual income has increased to Rs. 172900. There is a percentage increase of 205 over base year.



View of Farmer field and operation of solar nipping machine



**Name of farmer** : Yallavva Bijapur  
**Address** : Tajpur  
**Age** : 54  
**Education** : --  
**Size of land holding (in acre):** 14.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	12.0	48 q	192000	154200
Field Crop 2	Chickpea	2.0	8 q	32000	19600
<b>Total</b>				224000	173800

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Pigeonpea	12.0	66 q	429000	358000	37.5	132.1
Field Crop 2	Chickpea	2.0	12 q	57600	45300	50.0	131.1
Trees	Acasia	17	--	--	--	>100	>100
<b>Total</b>				486600	403300	--	<b>132</b>

**Brief:** The farm women used to get annual income of Rs. 173800 from Pigeonpea and Chickpea. With diversification of crops, technical guidance from KVK, input supply, marketing facilitation and Nipping using solar machines her annual income has increased to Rs. 403300. There is a percentage increase of 132 over base year.



View of Farmer field and operation of solar nipping machine



Name of farmer : Bheemshy Shivappa Telagi  
 Address : Kubakaddi  
 Age : 53  
 Education : -  
 Size of land holding (in acre) : 4.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	1.0	5 q	6000	4300
Field Crop 2	Wheat (Local)	2.0	6 q	21000	14000
Field Crop 3	Sugarcane (Local)	1.0	390 q	78000	63500
<b>Total</b>		<b>4.0</b>		<b>105000</b>	<b>81800</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Private hybrid)	1.0	9 q	21600	17500	80.00	306.97
Field Crop 2	Wheat (UAS 304)	2.0	10 q	55000	47000	66.66	235.71
Field Crop 3	Sugarcane (CO86032)	1.0	480 q	120000	104300	23.07	64.25
<b>Total</b>		<b>4.0</b>		<b>196600</b>	<b>168800</b>		<b>106</b>

**Brief:** The farmer used to get annual income of Rs. 81800 from Maize, Wheat and Sugarcane. He faced problems like new varieties, Pest and Disease, etc. With DFI interventions like New variety introduction IPM in maize like use of **Metarhizium**, **Pheromone traps**, **UAS- 304 variety**, **Seed treatment with biofertilizers**, use of **Emamectin benzoate for shoot fly management**, **CO86032**, **Metarhizium application**, **Microbial consortia** etc., he is getting annual income of Rs 168800. There is a percentage increase of 106 over the base year.



Interaction with farmers on IPM in Maize and Wheat



Name of farmer : Siddappa Ningappa Ugran  
 Address : Kubakaddi  
 Age : 59  
 Education : --  
 Size of land holding (in acre) : 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Local)	1.0	3 q	6000	3100
Field Crop 2	Sugarcane (Local)	1.0	350 q	70000	54000
<b>Total</b>		<b>2.0</b>		<b>76000</b>	<b>57100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Component s	Names	Area (Acre)/N	Production (O/Liter/No)	Gross Income	Net Income	production	income
Field Crop 1	Maize (Private hybrid)	1.0	11 q	26400	20200	266.66	551.6
Field Crop 2	Sugarcane (CO86032)	1.0	440 q	110000	94000	25.71	74.07
<b>Total</b>		<b>2.0</b>		<b>136400</b>	<b>114200</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 57100 from Maize and Sugarcane. He faced problems like Pest and Disease, etc. With DFI interventions like **use of Metarhizium, Pheromone traps and NPV, Metarhizium application, Microbial consortia** etc., he is getting annual income of Rs 114200. There is a percentage increase of 100 over the base year.



Interaction with farmers on IPM in Maize and Sugarcane



Name of farmer : Mahantgouda Patil

Address : Gundakarji

Age : 49

Education : M.Sc. B.Ed.

Size of land holding (in acre): 40 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income	Net Income (Rs.)
Field Crop 1	Sugarcane	12	4800 q	1056000	720000
Field Crop 2	Pigeonpea	25	100 q	400000	300000
Field Crop 3	Groundnut	3	36 q	180000	150000
Live stock 1	Cow	1	1120 lt	56000	36000
Live stock 2	Goat	4	0.88 q	24640	15000
<b>Total</b>		<b>40</b>		<b>1716640</b>	<b>1221000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	14	7700 q	1694000	1344000	60.41	86.66
Field Crop 2	Pigeonpea	25	125 q	750000	600000	25	100
Field Crop 3	Groundnut	3	42 q	262500	202500	16.7	35
Field Crop 4	Sorghum	1	5 q	15000	10000	>100	>100
Live Stock 1	Buffalo	4	7840 lt	392000	290000	>100	>100
Live Stock 2	Cow	2	3360 lt	168000	118000	200	228
<b>Total</b>		<b>40</b>		<b>3281500</b>	<b>2564500</b>		<b>110</b>

**Brief:** The farmer used to get annual income of Rs. 1221000 from redgram, sugarcane, groundnut and livestock. He got better yield with technical guidance from KVK and also good market rate, his annual income increased to 2564500. There is a percentage increase of 110 over base year.



ICM in pigeonpea



ICM in sugarcane



**Name of farmer** : Ramesh Ramchandra Tiwari  
**Address** : Arkeri  
**Age** : 48  
**Education** : BA  
**Size of land holding (in acre):** 24

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	6	24 q	108000	48000
Field Crop 2	Groundnut	5	50 q	250000	150000
Field Crop 3	Maize	3	40 q	60000	46000
Horti Crop 1	Grapes (raisins)	10	250 q	4500000	2500000
Livestock 1	Cow	4 (1)	560 lt	19600	15000
<b>Total</b>		<b>24</b>		<b>4937600</b>	<b>2759000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Pigeonpea	7	38 q	235600	165600	58.33	245
Field Crop 2	Groundnut	4	60 q	375000	295000	20.0	97
Field Crop 3	Maize	3	45 q	81000	63000	13	96
Horti Crop 1	Grapes (raisins)	10	300 q	7000000	5000000	20.00	100
Livestock 1	Cow	18 (5)	2800 lt	112000	110000	400	633
Others 1	Goat	20 (10)	5 q	170000	160000	>100	>100
<b>Total</b>		<b>24</b>		<b>7973600</b>	<b>5793600</b>		<b>110</b>

**Brief:** The farmer used to get annual income of Rs. 2759000 from pigeonpea, grapes, maize etc. With DFI interventions like introduction of livestock component, he is getting annual income of Rs. 5793600. There is a percentage increase of 110 over base year.



Field visit by KVK scientist



View of farmers dairy unit



**Name of farmer** : Gururaj Hanmanth Savalsangh  
**Address** : Tajpur  
**Age** : 26  
**Education** : B.A  
**Size of land holding (in acre):** 7.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	5.0	75 q	75000	48600
Hort.Crop 1	Grapes	2.0	300 q	600000	384000
Live stock 1	Buffallo	01	1960 lt	98000	70500
<b>Total</b>				<b>773000</b>	<b>503100</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	5.0	100 q	650000	54900	33.33	13.0
Hort.Crop 1	Grapes	2.0	360 q	900000	714000	20.0	85.95
Live stock 1	Buffallo	03	5895 lt	294750	231200	200.7	227.9
Live stock 2	Goat	02	0.44 q	12320	7800	>100	>100
<b>Total</b>				<b>1857070</b>	<b>1007900</b>	<b>--</b>	<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 503100 from Maize, Grapes and livestock.. With diversification of crops, technical guidance from KVK, input supply and integrated farming system, his annual income has increased to Rs. 1007900. There is a percentage increase of 100 over the base year.



**View of Livestock and grape field of farmers**



Name of farmer : Mallappa Sidhram Darga  
 Address : Tajpur  
 Age : 56  
 Education : 7th  
 Size of land holding (in acre): 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeonpea	8.0	32 q	128000	90300
Live stock 1	Buffallo	01	1960 lt	98000	70500
Live stock 2	Goat	00	--		
<b>Total</b>				<b>226000</b>	<b>160800</b>

### 2) Status in 2020-21

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeonpea	8.0	44 q	286000	231600	37.5	156.47
Live stock 1	Buffallo	02	3930 lt	196500	170600	100.5	141.95
Live stock 2	Goat	02	0.44 q	12320	7500	>100	>100
<b>Total</b>				<b>494820</b>	<b>409700</b>	<b>--</b>	<b>155</b>

**Brief:** The farmer used to get annual income of Rs. 160800 from Pigeonpea and livestock.. With diversification of crops, technical guidance from KVK, input supply and integrated farming system, his annual income has increased to Rs. 409700. There is a percentage increase of 155 over base year.



View of Farmer field and broad bed furrows



## Effect of DFI intervention

Name of KVK: Vijayapura-II

Name of farmer: **Lakappa Hanjagi**

Address: Village : Hirebevanur Tq : Indi

Age: 54

Education: 5<sup>th</sup>

Size of land holding (in acre): 18.00

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	4.00	16	80,800	58,800
Field Crop 2	Maize	2.00	30	40,950	26,950
Field Crop 3	Sugarcane	8.00	2240	4,03,200	2,73,200
Field Crop 4	Jawar (Rabi)	4.00	12	19,800	7,800
Livestock 1	Goat farming	06	04	22,000	14,800
<b>Total</b>				<b>566750</b>	<b>3,81,850</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	4.00	24	1,44,000	1,12,000	50.00	90.50
Field Crop 2	Maize	1.50	30	55,500	40,500	0.00	50.30
Field Crop 3	Sugarcane	7.00	2650	6,09,500	4,69,500	18.30	71.90
Field Crop 4	Jawar (Rabi)	4.00	16	42,240	18,240	33.33	133.80
Hort. Crop 1	Green Chilli (Arka khyati)	1.00	125	1,87,500	1,37,500	>100.00	>100.00
Livestock 1	Goat Farming	20	10	70,000	50,000	150.00	237.80
Livestock 2	Fodder Prod.	0.50	160	-	-	>100.00	
<b>Total</b>				<b>1108740</b>	<b>8,27,740</b>		<b>116.77</b>

**Brief:** The farmer used to get net annual income of Rs. **3,81,850** from Pigeon pea, sugarcane and Goatary activity etc. He faced problems like Lower body weight gain, Non-availability of fodder variety, Diseases in Pigeonpea and sugarcane etc. With DFI interventions like **Training on goat farming, Introduction of Azolla, Multicut fodder (CoFs-31, Lucerne) and pulse magic usage in pigeon pea, seed treatment, management of disease in sugarcane (root grub) and with introduction of Green chilli hybrid** etc., he is getting net annual income of Rs **8,27,740** with **116.77% increase in income over base year**. In addition, there is cost saving of Rs. **35,000/- (Use of FYM, Production of fodder)** in the production of crop viz., Pigeon pea, sugarcane and in Goatary activity.



Improvement in Goatary activity after Intervention



Green chilli Grown after Advise and Variety Introduction



## Effect of DFI intervention

Name of KVK: Vijayapura-II

Name of farmer: Ashok Galagali

Address: Village : Halasangi, Tq : Indi

Age: 45

Education: SSLC

Size of land holding (in acre): 14

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	6.00	24	1,21,200	84,000
Field Crop 2	Sugarcane	4.00	1120	2,01,600	1,37,300
Field Crop 3	Maize	1.00	16	21,840	14,000
Hort. Crop 1	Lime	2.00	115	1,38,000	95,000
Total				<b>4,82,640</b>	<b>330300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	5.00	30	1,80,000	1,40,000	25.00	66.67
Field Crop 2	Suagarcane	4.00	1480	3,40,400	2,69,600	32.10	96.40
Field Crop 3	Maize	1.00	20	37,000	27,000	25.00	92.90
Hort. Crop 1	Lime	2.00	140	2,24,000	1,64,000	21.70	72.60
Livestock 1	Goat Farming	25	12	84,000	60,000	>100.00	>100.00
Total				<b>8,65,4000</b>	<b>6,60,600</b>		<b>100.00</b>

**Brief:** The farmer used to get net annual income of Rs. 330300 from Pigeon pea, sugarcane, Lime and maize etc. He faced problems like fodder shortage and lack of knowledge on Goat farming, Diseases in Pigeonpea, lime (wilt) and sugarcane etc. With DFI interventions like **Training on goat farming, Introduction of Multicut fodder (CoFs-31, Lucerne and CO-5) varieties and pulse magic usage in pigeon pea and introduction of TS-3R variety, management of disease in sugarcane and lime (canker)** etc., he is getting net annual income of Rs 6,60,600 with 100.00% increase in income over base year. In addition, there is cost saving of Rs. 30,000/- (by use of farm produced manure) in the production of crop viz., Pigeon pea, sugarcane, lime and Goat farming.



Goat farming initiated after intervention of KVK



TS-3R Pigeon pea variety plot



## Effect of DFI intervention

Name of KVK: Vijayapura-II

Name of farmer: Avinash Havinal

Address: Budihal, Tq : Indi

Age: 27

Education: B. Com

Size of land holding (in acre): 14

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	4.00	16	80,800	60,800
Field Crop 2	Chickpea	4.00	20	80,000	60,000
Hort. Crop 1	Lime	3.00	150	1,80,000	1,40,000
Livestock 2	Dairy (Desi Cows)	01	1500	39,000	22,500
Other enterprise	Manure	-	65	8,000	6,500
Fallow land	-	2.00	-	-	-
<b>Total</b>				<b>3,87,800</b>	<b>2,89,800</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	4.00	22	1,32,000	1,07,000	37.50	76.00
Field Crop 2	Chickpea	3.00	21	1,07,100	86,100	5.00	43.50
Hort. Crop 1	Lime	3.00	180	3,24,000	2,49,000	20.00	77.90
Livestock 1	Goat Farming	35	16	1,12,000	80,000	>100.00	>100.00
Livestock 2	Dairy (Desi Cows)	04(02 Lactating)	3200	96,000	57,600	113.30	156.00
Other enterprise	Manure	-	180	20,000	16,000	176.90	146.20
<b>Total</b>				<b>7,91,100</b>	<b>5,95,700</b>		<b>105.56</b>

**Brief:** The farmer used to get net annual income of **Rs. 2,89,800** from Pigeon pea, Lime and dairy activity etc. He faced problems like Low milk yield, Disease in Lime and Pigeonpea and Low knowledge on Goat farming, Fodder scarcity etc. With DFI interventions like **Training on Goat farming, Introduction of fodder seeds (CoFs-31, Lucerne, Moringa) and pulse magic usage in pigeon pea, Management of Disease in lime (Wilt) and Feed formulation for dairy animals** etc., he is getting net annual income of **Rs 5,95,700** with **105.56% increase in income over base year**. In addition, there is cost saving of **Rs. 25,000/- (Farm produced manure)** in the production of crop viz., Pigeon pea, lime and in Goatary.



Goat farming initiated after intervention of KVK



Fodder plot demonstration



**Effect of DFI intervention**

**Name of KVK: Vijayapura-II**

**Name of farmer: Prashant Devoor**

**Address: Indi**

**Age: 29**

**Education: I.T.I**

**Size of land holding (in acre): 08**

**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.00	16	21,840	14,840
Field Crop 2	Pigeon pea (Gulyal) (K)	3.00	12	60,600	42,600
Field Crop 3	Jawar (Rabi)	2.00	6.5	10,725	4,725
Hort. Crop 1	Pomegranate	2.00	80	3,60,000	2,40,000
<b>Total</b>				<b>453165</b>	<b>3,02,165</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	1.00	20	37,000	27,000	25.00	81.90
Field Crop 2	Pigeon pea (TS-3R) (K)	3.00	18	1,08,000	79,500	50.00	86.60
Field Crop 3	Jawar (Rabi)	1.00	4.00	10,560	5,560	-38.50	17.70
Hort. Crop 1	Pomegranate	2.00	110	6,05,000	4,65,000	37.50	93.80
Livestock 1	Diary Farming (H.F & Jersey Cross)	05 (03 lactating)	6,000	1,80,000	1,08,000	>100.00	>100.00
Other enterprise	Manure	-	100	12,000	9,000	>100.00	>100.00
<b>Total</b>				<b>9,52,560</b>	<b>6,94,060</b>		<b>129.70</b>

**Brief:** The farmer used to get net annual income of **Rs. 3,02,165** from Pomegranate, Pigeonpea etc. He faced problems like Disease in Pomegranate, Pigeonpea and lack of scientific knowledge in dairy farming, Fodder scarcity etc. With DFI interventions like **Feed formulation for lactating animals, Introduction of fodder seeds (C0-5, CoFs-31) and micro nutrient supplementation in pomegranate and TS3-R Pigeonpea introduction** etc., he is getting net annual income of **Rs 6,94,060 with 129.70% increase in income over base year.** In addition, there is cost saving of **Rs. 35,000/- (Own produced Manure)** In the production of crop *viz.*, Pomegranate and Pigeonpea.



**Dairy farm initiated after KVK Guidance**



**Name of farmer: Raghavendra**

**Address: Ahirsanga, Tq : Indi**

**Age: 34**

**Education: PUC**

**Size of land holding (in acre): 4.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	2.00	8	40,400	30,400
Field Crop 2	Maize	1.00	16	21,840	14,840
Livestock 1	Diary (HF and Desi Cows)	03 (2 lactating)	2,800	70,000	39,200
Livestock 2	Goat Farming	05	03	15,150	9,750
Other enterprise (Specify)	Manure	-	100	10,500	8,500
Total				<b>157890</b>	<b>102690</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	2.00	12	72,000	58,000	50.00	90.80
Field Crop 2	Maize	1.00	20	37,000	27,000	25.00	81.90
Livestock 1	Diary (HF cross bred cows)	09 (05 lactating)	7,750	2,32,500	1,39,500	176.80	255.90
Livestock 2	Goat Farming	14	07	49,000	35,000	133.33	259.00
Livestock 3	Poultry (Backyard)	50	30	9,000	7,500	>100.00	>100.00
Other enterprise (Specify)	Manure	-	150	17,000	14,000	50.00	64.70
Total				<b>4,16,500</b>	<b>2,81,000</b>		<b>173.61</b>

**Brief:** The farmer used to get net annual income of Rs. **102690** from Pigeonpea, Dairy farming etc. He faced problems like low milk yield, low fat percentage, Lower body weight gain in Goats and diseases in Pigeonpea etc. With DFI interventions like **Feed formulation for lactating animals, Introduction of fodder seeds (CO-5, CoFs-31) and IPM in pigeonpea, introduction of backyard poultry model** etc., he is getting net annual income of Rs **2,81,000** with **173.61% increase in income over base year**. In addition, there is cost saving of Rs. **15,000/- (use of produced FMY)** in the production of crop viz., Pigeon pea.



Fodder Area developed with KVK Guidance



Semi-intensive housing for crossbred cows



Name of farmer: Manjunath Ashokgouda Biradar

Address: Village : Teggehalli, Tq : Indi

Age: 40

Education: PUC

Size of land holding (in acre): 06

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3.00 (Kharif)	12	60,600	45,600
Field Crop 2	Sorghum	3.00 (Rabi)	9	14,850	7,350
Hort. Crop 1	Lime	3.00	135	1,62,000	1,08,000
Livestock 1	Rabbit farming	200	200	45,000	30,000
Total		<b>06</b>		282450	1,90,950

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	3.00 (Kharif)	18	1,08,000	87,000	50.00	90.80
Field Crop 2	Chickpea	3.00 (Rabi)	18	91,800	70,800	>100.00	>100.00
Hort. Crop 1	Lime	3.00	170	3,00,000	2,00,000	25.90	85.20
Livestock 1	Goatary	20	12	84,000	60,000	>100.00	>100.00
Other enterprise	Moringa	20 plants	05	20,000	15,000	>100.00	>100.00
Total		<b>06</b>		<b>6,03,800</b>	<b>4,32,800</b>		<b>126.66</b>

**Brief:** The farmer used to get net annual income of Rs. **1,90,950** from Pigeon pea, Lime and Rabbit farming etc. He faced problems like Fodder shortage, Diseases in Pigeonpea and lime etc. With DFI interventions like **Training on Goat farming, Demonstration of Silage preparation, Introduction of fodder seeds (Lucerne, CoFs-31) pulse magic usage in pigeon pea, management of disease in lime (Canker)** etc., he is getting net annual income of Rs **4,32,800** with **126.66% increase in income over base year..** In addition, there is cost saving of Rs. **20,000/- (Use of FMY manure)** in the production of crop viz., Pigeon pea, Lime.



Lime orchard after spray against Canker



Goat farming initiated after intervention of KVK



**Effect of DFI intervention**  
**Name of farmer: Chandrakanth Biradar**  
**Address: Village : Arjinal , Tq : Chadachan**  
**Age: 60**  
**Education: SSLC**  
**Size of land holding (in acre): 14**

**Name of KVK: Vijayapura-II**

**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	8.00	32	1,61,600	1,30,000
Field Crop 2	Rabi Jawar	4.00	12	19,800	7,800
Field Crop 3	Wheat	2.00	16	26,000	12,000
Livestock 1	Dairy (Gir Cross Cows)	02 (01 Lactating)	1520	38,000	21,280
Livestock 2	Fodder	01	250	-	-
<b>Total</b>				<b>2,45,400</b>	<b>1,71,080</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Pigeon pea	6.00	36	2,16,000	1,71,000	12.50	31.50
Field Crop 2	Maize	1.00	20	37,000	27,000	>100.00	>100.00
Field Crop 3	Rabi Jawar	4.00	16	42,240	20,240	33.33	159.50
Field Crop 4	Wheat	2.00	24	47,400	28,400	50.00	136.70
Livestock 1	Goat Farming	30	15	1,05,000	75,000	>100.00	>100.00
Livestock 2	Dairy (HF and desi Cows)	04 (2 lactating)	3,300	99,000	59,400	117.10	179.10
Livestock 3	Fodder	1.00	500	-	-	>100.00	-
<b>Total</b>				<b>5,46,640</b>	<b>3,81,040</b>		<b>122.73</b>

**Brief :** The farmer use to get annual income of **Rs. 1,71,080** from pigeon pea, wheat and dairy activity etc. He faced problems like lack of improved fodder variety, low milk fat and yield, Diseases in Pigeonpea, lack of knowledge on Goat farming etc. With DFI interventions like **Training on Goat farming, Introduction of multicut fodder (Co-5, CoFs-31), feed formulation for cows and pulse magic usage in pigeon pea and seed treatment** etc., he is getting net annual income of **Rs 3,81,040 with 122.73% increase in income over base year.** In addition, there is cost saving of **Rs. 20,000/-** in the production of crop viz., Pigeon pea and in Goatary and dairy activity.



**Goatary activity after intervention**



**Improvement in dairy activity after intervention**



**Name of farmer: Sunil Patil**  
**Address: Village : Zalki, Tq : Indi**  
**Age: 25**  
**Education: B.A**  
**Size of land holding (in acre): 06**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	4.00	18	90,900	68,900
Field Crop 2	Maize	2.00	36	49,140	35,640
Total				<b>1,40,040</b>	<b>1,04,540</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	3.00	19.50	1,17,000	96,000	8.30	39.33
Field Crop 2	Maize	1.50	30	55,500	38,500	-16.70	8.00
Hort. Crop 1	Tomato (Arka Samrat)	0.50	110	1,15,000	80,000	>100.00	>100.00
Livestock 1	Goat Farming	25	07	45,500	31,500	>100.00	>100.00
Other enterprise	Fodder	1.00	340	-	-	>100.00	-
Total				<b>3,33,000</b>	<b>2,46,000</b>		<b>135.32</b>

**Brief:** The farmer used to get net annual income of Rs. **1,04,540** from Pigeon pea, Maize etc. He faced problems like Diseases In Maize, Pigeon pea and lack of knowledge on Goat farming, Fodder scarcity, Health management in Goats etc. With DFI interventions like, **Introduction of multi-cut fodder (Hedge Lucerne, CoFs-31), silage demonstration and seed treatment in pigeon pea and management of fall army worm and Introduction Tomato Hybrid (Arka Samrat)** etc., he is getting net annual income of Rs **2,46,000** with **135.32% increase in income over base year..** In addition, there is cost saving of **Rs. 20,000/- (Use of Own produced manure)** in the production of crop viz., Pigeon pea, tomato and in Goatary.



Goatary Unit Initiated After Intervention



Hedge Lucerne Fodder plot after intervention



Name of farmer: Shivakumar Ram Nandaragi

Address: Village : Alur, Tq : Indi

Age: 23

Education: PUC

Size of land holding (in acre): 06

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3.00	12	60,600	45,600
Field Crop 2	Sugarcane	2.00	640	1,15,200	85,200
Livestock 1	Goat Farming	06	04	22,000	14,800
Total				<b>1,97,800</b>	<b>1,45,600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	2.00	11	66,000	52,000	-8.30	14.00
Field Crop 2	Sugarcane	2.00	750	1,72,500	1,25,500	17.20	47.30
Hort. Crop 1	Green Chilli (Arka Khyati)	1.00	120	1,56,000	1,10,000	>100.00	>100.00
Livestock 1	Goat Farming	20	08	56,000	40,000	100.00	170.30
	Fodder	0.75	350	-	-	>100.00	-
Total				<b>4,50,500</b>	<b>3,27,500</b>		<b>124.93</b>

**Brief:** The farmer used to get net annual income of Rs. **1,45,600** from Pigeon pea, Sugarcane and Goatary activity etc. He faced problems like Fodder shortage, Kid mortality and diseases in Pigeonpea, sugarcane etc. With DFI interventions like **Training on Goat farming, Introduction of multicut fodder (Lucerne, CoFs-31), and Introduction of TS-3R Variety, pulse magic usage in pigeon pea, management of disease in sugarcane (root grub)** etc., he is getting net annual income of Rs **3,27,500** with **124.93% increase in income over base year..** In addition, there is cost saving of Rs. **25,000/-** in the production of crop viz., Pigeon pea, Sugarcane and in Goatary activity.



Goatary Unit Initiated After DFI Intervention



Sugarcane plot



Name of farmer: Shivappa Naganna Ragate

Address: Village : Gotyal, Tq : Indi

Age: 38

Education: PUC

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	1.25	5.5	27,775	20,275
Hort. Crop 1	Pomegranate	0.25	12	78,000	54,000
Livestock 1	Poultry farming	500	500	90,000	45,000
Total				<b>1,95,775</b>	<b>1,19,275</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	1.00	6	36,000	29,000	9.10	43.00
Hort. Crop 1	Pomogranate	0.25	15	1,20,000	90,000	25.00	66.70
Hort. Crop 2	lime	0.25	20	45,000	35,500	>100.00	>100.00
Livestock 1	Poultry Farming	1500	1500	1,40,000	85,000	200.00	88.90
Total				<b>3,41,000</b>	<b>2,39,500</b>		<b>100.80</b>

**Brief:** The farmer used to get net annual income of Rs. **1,19,275** from Pigeon pea, Pomegranate and poultry etc. He faced problems like mortality in birds, lack of Knowledge on vaccination, Diseases in Pigeonpea, l etc. With DFI interventions like **Training on poultry farming, vaccination protocol in chicks, pulse magic usage in pigeon pea, management of disease in POMOGRANATE** etc., he is getting net annual income of Rs **2,39,500 with 100.80% increase in income over base year**. In addition, there is cost saving of Rs. **15,000/-** in the production of crop viz., Pigeon pea, pomegranate and in poultry farming.



Poultry farming after Intervention



Name of farmer : Sanjay Malagar

Address: Village : Loni B K , Tq : Chadachan

Age: 38

Education: B.A

Size of land holding (in acre): 07 (Cultivable 05)

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.00	600	1,08,000	76,000
Field Crop 2	Maize	1.00	16	21,840	14,840
Hort. Crop 1	Lime	2.00	110	1,20,000	90,000
Livestock 1	Goatary	05	05	27,500	18,500
Total				<b>2,77,340</b>	<b>1,99,340</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.00	720	1,65,600	1,20,600	20.00	58.70
Field Crop 2	Maize	1.00	20	37,000	25,000	25.00	68.50
Hort. Crop 1	Lime	2.00	160	2,08,000	1,58,000	45.50	75.60
Hort. Crop 2	Green Chilli (Arka Khyati)	1.00	120	1,56,000	1,00,000	>100.00	>100.00
Livestock 1	Goat Farming	10	05	35,000	25,000	00.00	35.10
Total				<b>6,01,600</b>	<b>4,28,600</b>		<b>115.01</b>

**Brief:** The farmer used to get net annual income of Rs. **1,99,340** from Sugarcane, lime and Goatary etc. He faced problems like lower growth in kids, Fodder shortage, Diseases in sugarcane and lime etc. With DFI interventions like **Training on Goat farming, silage demonstration, disease management in sugarcane and lime (Wilt) and introduction of Green chilli (Arka Khyati)** etc., he is getting net annual income of Rs **4,28,600** with **115.01% increase in income over base year**. In addition, there is cost saving of Rs. **25,000/-** in the production of crop viz., Pigeon pea, lime and in Goatary activity.



Lime field after spray for Wilt



Improvement in Goatary activity after intervention

**Effect of DFI intervention**

**Name of KVK: Vijayapura-II**

**Name of farmer: Shivaray Dhanappa Biradar**

**Address: Village : Babalad, Tq : Indi**

**Age: 41**

**Education: B.A**

**Size of land holding (in acre): 7.00**



**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3.00	13.50	68,175	53,175
Field Crop 1	Maize	1.00	16	21,840	14,840
Hort. Crop 1	Onion	1.50	75	1,40,000	1,00,000
Fallow land	-	1.50	-	-	-
Other enterprise	Dairy (Local Buffalo)	02 (01 lactating)	1200	36,000	22,800
<b>Total</b>				<b>2,66,015</b>	<b>1,90,815</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	2.00	12	72,000	58,000	-11.10	9.10
Hort. Crop 1	Onion	1.50	100	1,60,000	1,30,000	33.30	30.00
Hort. Crop 2	Marigold	1.00	60	1,56,000	1,05,000	>100.00	>100.00
Livestock 1	Goat Farming	32	12	84,000	60,000	>100.00	>100.00
Livestock 2	Dairy (Local Buffao)	03 (2 lactating)	2800	1,06,400	72,800	133.30	219.3
<b>Total</b>				<b>5,78,400</b>	<b>4,25,800</b>		<b>123.15</b>

**Brief:** The farmer used to get net annual income of Rs. **1,90,815** from Pigeon pea, Onion and Dairy activity etc. He faced problems like Low milk yield, Fodder scarcity, Lack of knowledge on Goat farming, Diseases in Pigeonpea and onion etc. With DFI interventions like **Training on goat farming, Popularization of deworming and vaccination schedule in Goats and Seed treatment in Pigeonpea, management of disease in onion and introduction of Marigold** etc., he is getting net annual income of Rs **4,25,800** with **123.15% increase in income over base year**. In addition, there is cost saving of Rs. **25,000/-** in the production of crop viz., Pigeon pea, Onion and in Goatary activity.



**Introduction of Marigold**



**Goat farming initiated after intervention**



**Name of farmer:** Mallikarjun D Biradar

**Address:** Village : Gotyal , Tq : Indi

**Age:** 52

**Education:** Diploma

**Size of land holding (in acre):** 8.00

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Kharif) (Gulyal)	2.00	8.00	40,400	30,400
Field Crop 2	Maize	1.50	30	40,950	30,950
Field Crop 3	Wheat	2.00 (Rabi)	17	27,625	12,625
Hort. Crop 1	Pomogranate	3.00	110	4,95,000	3,75,000
Livestock 2	Dairy (N.D Buffalo)	2 (1 Lactating)	1200	36,000	22,800
Total				<b>6,39,975</b>	<b>4,71,775</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area	Production	Gross	Net Income	productio	income
		(Acre)/N	(Q/Liter/No.)	Income (Rs.)	(Rs.)	n	
Field Crop 1	Pigeon pea (K) (TS-3R)	2.00	11.5	69,000	54,000	43.80	77.60
Field Crop 2	Maize	1.50	38	70,300	55,300	26.70	78.70
Field Crop 3	Chickpea (R)	2.00	15	76,500	62,500	>100.0	>100.
Hort. Crop 1	Pomogranate	3.00	140	8,40,000	6,70,000	27.30	78.70
Livestock 1	Goat Farming	32	13	91,000	65,000	>100.0	>100.
Livestock 2	Dairy (Buffalo)	04	2700 (2 Lactating)	99,000	66,600	125.00	192.10
Total				<b>12,45,800</b>	<b>9,73,400</b>		<b>106.33</b>

**Brief:** The farmer used to get net annual income of Rs. **4,71,775** from Pigeon pea, pomogranate, and Dairy activity etc. He faced problems like Lack of Improved fodder variety, Lower milk yield, Diseases in Pigeonpea and pomegranate etc. With DFI interventions like **Training on goat farming, Introduction of multicut fodder (Lucerne, Co-5, CoFs-31), Concentrate feed formulation for dairy animals and pulse magic usage in pigeon pea, Micronutrient supplement in pomegranate, introduction of chickpea in Rabi** etc., he is getting net annual income of Rs **9,73,400** with **106.33% increase in income over base year**. In addition, there is cost saving of Rs. **30,000/-** (Use of farm produced manure, Farm produced fodder) in the production of crop viz., Pigeon pea, pomegranate and in Goatary and Dairy activity.



Pomegranate field after micronutrient supplement



Goat farming initiated after intervention



**Name of farmer: Laxman B Kottalagi**

**Address: Village : Halasangi , Tq : Indi**

**Age: 35**

**Education: BA**

**Size of land holding (in acre): 6.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K) Gulyal	2.00	8.00	40,400	30,400
Field Crop 2	Maize	1.00	16	21,840	14,840
Field Crop 3	Sugarcane	2.50	800	1,44,000	1,02,000
Field Crop 4	Chickpea (R)	2.00	10	40,000	30,000
Livestock 1	Goat farming	04	04	22,000	14,800
<b>Total</b>				<b>2,68,240</b>	<b>1,92,040</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	2.00	13	78,000	65,000	62.5	113.8
Field Crop 2	Maize	1.00	22	40,700	32,700	37.50	120.40
Field Crop 3	Sugarcane	2.50	950	2,18,500	1,68,500	18.80	65.20
Field Crop 4	Chickpea (R)	2.00	14	71,400	57,400	40.00	91.30
Livestock 1	Goat Farming	15	06	42,000	30,000	50.00	102.7
Livestock 2	Dairy (HFX Cows)	04	1720 (1 Lactating)	51,600	30,960	>100.00	>100.00
<b>Total</b>				<b>5,02,200</b>	<b>3,84,560</b>		<b>100.25</b>

**Brief:** The farmer used to get net annual income of Rs. **1,92,040** from Pigeon pea, sugarcane, chickpea and Goatary activity etc. He faced problems like kid mortality, Diseases in Pigeon pea and sugarcane (Rootgrub), Lack of knowledge on Dairy farming etc. With DFI interventions like **Training on goat and Dairy farming, Introduction of multicut fodder (Lucerne, Co-5, CoFs-31) and pulse magic usage in pigeon pea, management of disease in sugarcane and seed treatment in chickpea** etc., he is getting net annual income of Rs **3,84,560** with **100.25% increase in income over base year**. In addition, there is cost saving of Rs. **20,000/-** in the production of crop viz., Pigeon pea, sugarcane and in Goatary and dairy activity.



Rearing of HF crossbred cows after intervention



Sugarcane field after management of root grub



**Name of farmer: Mahibub attar**

**Address: Village : Salotagi Tq : Indi**

**Age: 54**

**Education: 5<sup>th</sup>**

**Size of land holding (in acre): 8.00 (Irrigated - 6.00)**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.50	24	32,760	23,160
Field Crop 2	Sugarcane	2.50	750	1,35,000	95,000
Field Crop 3	Wheat	1.50	12	19,500	9,500
Hort. Crop 1	Lime	1.00	60	72,000	52,000
Total				<b>2,59,260</b>	<b>1,79,660</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	1.50	32	59,200	48,100	33.33	107.70
Field Crop 2	Sugarcane	2.50	900	2,07,000	1,57,000	20.00	65.30
Field Crop 3	Wheat	1.00	11	21,725	9,725	-8.30	02.40
Hort. Crop 1	Lime	1.00	80	1,36,000	1,06,000	33.33	103.80
Livestock 1	Goat Farming	12	08	56,000	40,000	>100.00	>100.0
Others	Fish farming	0.25	-	-	-	-	-
Total				<b>4,79,925</b>	<b>3,60,825</b>		<b>100.84</b>

**Brief:** The farmer used to get net annual income of Rs. **1,79,660** from Lime, wheat, sugarcane and Maize etc. He faced problems like Lack of knowledge on goat farming, Diseases in lime and sugarcane etc. With DFI interventions like **Training on goat farming, Concentrate feed formulation, management of disease in sugarcane and use of citrus special in lime** etc., he is getting net annual income of Rs **3,60,825** with **100.84% increase in income over base year**. In addition, there is cost saving of Rs. **15,000/-** in the production of crop viz., Pigeon pea, sugarcane and in Goatary activity.



**Lime Field after use of Citrus special**



**Sugarcane and Maize field**



**Name of farmer: Shivu Kumbar**

**Address: Village : Sangogi Tq : Indi**

**Age: 38**

**Education: I.T.I**

**Size of land holding (in acre): 6.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	2.00	14	56,000	40,000
Field Crop 2	Sugarcane	2.00	600	1,08,000	73,000
Field Crop 3	Wheat	1.00	12	19,500	9,500
Hort. Crop 1	Lime	1.00	60	72,000	52,000
Livestock 2	Dairy Cows (HFX)	02 (1 Lactating)	1700	42,500	23,800
Total				<b>2,98,000</b>	<b>198300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton	2.00	17	93,500	71,500	21.40	78.80
Field Crop 2	Sugarcane	2.00	720	1,65,600	1,25,600	20.00	72.10
Hort. Crop 1	Lime	1.00	75	1,35,000	1,05,000	25.00	101.90
Livestock 1	Goat Farming	14	06	42,000	30,000	>100.00	>100.
Livestock 2	Dairy (Cows HFX)	5 (2 lactating)	3600	1,08,000	64,800	111.80	172.30
Other	fodder	1.00	450	-	-	>100.00	-
Total				<b>5,44,100</b>	<b>3,96,900</b>		<b>100.15</b>

**Brief:** The farmer used to get net annual income of Rs. 198300 from Lime, wheat, sugarcane, cotton and dairy activity etc. He faced problems like lack of availability of fodder varieties, Diseases in lime (Canker) and sugarcane etc. With DFI interventions like **Training on goat farming, Introduction of multicut fodder (Lucerne, CoFs-31), Concentrate feed formulation for cows, management of disease in sugarcane and use of citrus special in lime and management of canker in lime** etc., he is getting net annual income of Rs **3,96,900** with **100.15% increase in income over base year**. In addition, there is cost saving of Rs. **25,000/-** in the production of crop viz., Lime, sugarcane and in dairy, Goatary activity.



Goat farming initiated after intervention



Lime field after management of canker disease



Name of farmer: Paramanand S Patil

Address: Village : Dhulkhed , Tq : Chadachan

Age: 32

Education: PUC

Size of land holding (in acre): 04

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3.00	900	1,62,000	1,05,500
Field Crop 1	Pigeonpea	1.00	4.00	20,200	14,700
Livestock 2	Dairy (Desi Cows)	01	1450	36,250	20,300
Total				<b>2,18,450</b>	<b>1,40,500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	3.00	1050	2,41,500	1,81,500	16.70	72.00
Field Crop 1	Pigeonpea (K)	1.00	5.50	33,000	26,000	37.50	76.90
Field Crop 1	Wheat (R)	1.00	12	23,700	11,700	>100.00	>100.00
Livestock 1	Goatary	15	06	42,000	30,000	>100.00	>100.00
Livestock 2	Dairy (HFX Cows)	03	1800 (1 Lactating)	54,000	32,400	24.10	59.60
Total				<b>3,94,200</b>	<b>2,81,600</b>		<b>100.43</b>

**Brief:** The farmer used to get net annual income of Rs. **1,40,500** from Sugarcane, Pigeonpea and dairy etc. He faced problems like low milk yield, mastitis, Fodder scarcity, Diseases in sugarcane and Pigeonpea etc. With DFI interventions like **Training on Goat farming, silage demonstration, Introduction of multicut fodder (Lucerne, CoFs-31), usage of CMT kit for mastitis, Seed treatment in Pigeonpea** etc., he is getting net annual income of Rs **2,81,600** with **100.43% increase in income over base year..** In addition, there is cost saving of Rs. **20,000/-** in the production of crop viz., Sugarcane, Pigeonpea and in Dairy and Goatary activity.



Demonstration on silage preparation



Improvement in Dairy activity after intervention



**Name of farmer: Gyanadev Chwhan**

**Address: Village : Salotagi , Tq : Indi**

**Age: 48**

**Education: B.A**

**Size of land holding (in acre): 04**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K) (Gulyal)	2.50	10.00	50,500	35,400
Hort. Crop 1	Lime	1.00	60	72,000	52,000
Field Crop 1	Chickpea (R)	2.00	10	40,000	30,000
Total				<b>1,62,500</b>	<b>1,17,400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Pigeon pea (TS-3R) (k)	2.50	14	84,000	66,000	40.00	86.40
Field crop 2	Chickpea (R)	2.00	14	71,400	57,400	40.00	91.30
Hort. Crop 1	Lime	1.00	75	1,35,000	1,05,000	25.00	101.90
Livestock 1	Goat Farming	34	12	78,000	50,000	>100.00	>100.00
Livestock 2	Fodder	0.50	220	-	-	>100.00	-
Total				<b>3,68,400</b>	<b>2,78,400</b>		<b>137.14</b>

**Brief:** The farmer used to get net annual income of Rs. **1,17,400** from Pigeon pea, Lime, Chickpea etc. He faced problems like Fodder scarcity, Diseases in Pigeonpea and lime etc. With DFI interventions like **Training on Goat farming, demonstration on azolla, Introduction of multicut fodder (Hedge Lucerne, CoFs-31), pulse magic usage in pigeon pea, Introduction of TS-3R variety, IPM in lime** etc., he is getting net annual income of Rs **2,78,400** with **137.14% increase in income over base year**. In addition, there is cost saving of Rs. **20,000/-** in the production of crop viz., Pigeon pea, lime and in Goatary activity.



**Goat farming initiated after intervention**



**Introduction of Pigeonpea TS-3R Variety**



Name of farmer: **Ramesh Ghatage**

Address: Village : Bhairunagi, Tq : Indi

Age: **50**

Education: **SSLC**

Size of land holding (in acre): **03**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (k)	1.50	7.00	35,350	26,350
Field Crop 1	Chickpea (R)	1.00	05	21,000	11,000
Hort. Crop 1	Lime	1.00	60	74,000	58,000
Livestock 1	Goatary	06	04	22,000	14,800
Total				<b>1,52,350</b>	<b>1,10,150</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Pigeon pea	1.50	10.00	60,000	48,000	42.83	82.16
	Chickpea (R)	1.00	07	32,000	20,000	40.00	81.82
Hort. Crop 1	Lime	1.00	76	1,36,800	1,11,800	36.67	92.76
Livestock 1	Goat Farming	15	07	47,600	33,600	75.00	127.08
Livestock 2	Poultry	200	200	30,000	20,000	>100.00	>100.00
	i) Meat						0
	ii) Egg	200	5,000	35,000	25,000	>100.00	>100.00
Total				<b>3,41,400</b>	<b>2,58,400</b>		<b>134.59</b>

**Brief:** The farmer used to get net annual income of Rs. **1,10,150** from Pigeon pea, Lime, Goatary activity etc. Lack Knowledge on backyard poultry rearing, Goat Kid mortality, Diseases in Pigeonpea and lime etc. With DFI interventions like **Training on Goat farming, introduction of horti-poultry model, pulse magic usage and seed treatment in pigeon pea, IDM in lime** etc., he is getting net annual income of Rs **2,58,400** with **134.59% increase in income over base year**. In addition, there is cost saving of Rs. **20,000/-** in the production of crop viz., Pigeon pea and in Poultry and Goatary activity.



**Horti-poultry model initiated after intervention**



**Name of farmer: Advappa Rotti**  
**Address: Village : Tamba, Tq : Indi**  
**Age: 51**  
**Education: 5<sup>th</sup> Std.**  
**Size of land holding (in acre): 8.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	2.00	8.00	40,400	30,400
Field Crop 2	Maize	2.00	34	46,410	32,410
Hort. Crop 1	Grape	2.00	40	5,60,000	4,04,000
Hort. Crop 2	Lime	1.00	62	74,400	54,400
Livestock 1	Goat farming	12	08	44,000	29,600
Total				<b>7,65,210</b>	<b>5,50,810</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	2.00	11	66,000	53,000	37.50	74.30
Field Crop 2	Maize	2.00	46	85,100	66,100	35.30	103.90
Hort. Crop 1	Grape	2.00	52	9,60,000	8,10,000	30.00	100.50
Hort. Crop 2	Lime	1.00	75	1,32,000	95,000	21.00	74.60
Livestock 1	Goat Farming	42	15	97,500	65,500	87.5	121.30
Others	Fodder Seed production	1.00	0.50	15,000	12,000	>100.00	>100.00
Total				<b>13,55,600</b>	<b>11,01,600</b>		<b>100.00</b>

**Brief:** The farmer used to get net annual income of Rs. **5,50,810** from Pigeon pea, Grape, lime and Goatary etc. He faced problems like shortage of fodder varieties, Kid mortality, Diseases in Pigeonpea, lime and Grape etc. With DFI interventions like **Training on goat farming, Awareness on Vaccination and deworming protocol in Goats, introduction of improved varieties of fodder seeds (lucerne, hedge lucerne, COFs-31) and pulse magic usage in pigeon pea, management of disease in Grape (Stem borer)** etc., he is getting net annual income of Rs **11,01,600** with **100.00% increase in income over base year..** In addition, there is cost saving of Rs. **30,000/-** in the production of crop viz., Pigeon pea, Grape and in Goatary activity



**Improvement in Goat farming after intervention**



**Grape field after management of stem Borer**



**Name of farmer: Shivalingappa Nagthan**

**Address: Golasar, Tq : Indi**

**Age: 32**

**Education: M.A**

**Size of land holding (in acre): 15.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	10	40	2,00,000	1,45,000
Field Crop 2	Maize	2.00	34	46,410	32,410
Hort. Crop 1	Lime	2.50	135	1,62,000	1,13,000
Livestock 1	Goat Farming	10	07	38,500	25,900
Total				<b>4,46,910</b>	<b>3,16,310</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	8.0	44	2,64,000	2,04,000	10.00	40.70
Field Crop 2	Maize	1.50	32	59,200	42,200	-5.9	30.20
Hort. Crop 1	Lime	2.50	155	2,79,000	2,24,000	14.80	98.20
Hort. Crop 1	Vegetables (Bhendi, Ridge Guard)	0.50	40	45,000	30,000	>100.00	>100.00
Field Crop 3	Groundnut	1.0	14	80,000	65,000	>100.00	>100.00
Livestock 1	Goat Farming	35	15	97,500	67,500	114.30	160.60
Other enterprise	Fodder	1.00	420	-	-	>100.00	-
Total				<b>8,24,700</b>	<b>6,32,700</b>		<b>100.03</b>

**Brief:** The farmer used to get net annual income of Rs. **3,16,310/-** from Pigeonpea, Lime and Goatary. He faced problems like Canker in lime and High kid mortality, lower body weight gain in Goats, Disease in Pigeonpea etc. With DFI interventions like IPM in lime and use of dewormer, nutrient supplement in goat kids and azolla supplementation (Through training), seed treatment in Pigeonpea etc., he is getting net annual income of Rs. **6,32,700/-** with **100.03% increase in income over base year..** In addition, there is cost saving of Rs. **18,000** /-in the production of **Pigeon pea, Goatary and Lime** .



Goatary before Intervention



Improvement in Goatary after Intervention (Stall feeding)



**Name of farmer: Malkappa Rotti**

**Address: Village : Tamba Tq : Indi**

**Age: 60**

**Education: 7<sup>th</sup>**

**Size of land holding (in acre): 9.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	4.00	16	80,800	58,800
Field Crop 2	Maize	2.00	32	43,680	30,180
Hort. Crop 1	Lime	2.00	120	1,44,000	1,00,000
Livestock 1	Goat farming	08	06	33,000	22,200
<b>Total</b>		<b>8.00</b>		<b>3,01,480</b>	<b>2,11,180</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	3.00	18	1,08,000	83,000	12.50	41.20
Field Crop 2	Maize	2.00	42	77,700	59,700	31.30	97.80
Hort. Crop 1	Lime	2.00	145	2,61,000	2,05,000	20.80	105.00
Hort. Crop 1	Green Chilli	1.00	100	1,20,000	85,000	>100.00	>100.00
Livestock 1	Goat Farming	26	14	91,000	63,000	133.30	183.80
Livestock 2	Fodder	1.00	340	-	-	>100.00	-
<b>Total</b>		<b>9.00</b>		<b>6,57,700</b>	<b>4,95,700</b>		<b>134.73</b>

**Brief:** The farmer used to get net annual income of Rs. **2,11,180** from Lime, Pigeonpea and Goatary activity etc. He faced problems like kid mortality, Diseases in lime and pigeonpea etc. With DFI interventions like **Training on goat farming, Concentrate feed formulation, management of disease in pigeonpea and use of citrus special in lime** etc., he is getting net annual income of Rs **4,95,700** In addition, there is cost saving of Rs. **20,000/-** with **134.73% increase in income over base year**. In the production of crop viz., Pigeon pea, lime and in Goatary activity.



**Improvement in Goatary activity after intervention**



**Pigeonpea field after use of insecticide**



**Name of farmer:** Kamanna H Revappa  
**Address:** Village : Bhairunagi Tq : Indi  
**Age:** 34  
**Education:** 7<sup>th</sup>  
**Size of land holding (in acre):** 5.00

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K)	2.00	06	30,300	20,300
Field Crop 2	Maize	1.50	24	32,760	22,260
Field Crop 3	Groundnut	1.00	12	50,640	38,650
Field crop 4	Wheat (R)	2.00	16	26,000	12,000
Livestock 1	Goat	09	07	38,500	26,000
Total				<b>178200</b>	<b>1,19,210</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (K)	2.00	10	60,000	43,000	66.70	111.80
Field Crop 2	Maize	1.00	22	40,700	30,700	-8.30	37.90
Field Crop 3	Groundnut	1.00	14	73,850	60,000	16.70	55.20
Field crop 4	Wheat (R)	2.00	20	39,500	17,840	25.00	48.70
Hort. Crop 1	Guava	1.00	25	1,05,000	72,000	>100.00	>100.00
Livestock 1	Goat and Sheep Farming	30	13	78,000	52,000	85.70	100.00
Total				<b>397050</b>	<b>2,75,540</b>		<b>131.14</b>

**Brief:** The farmer used to get net annual income of Rs. **1,19,210** from Groundnut, Pigeonpea and Goatary activity etc. He faced problems like lack of growth in kids, fodder shortage, Diseases in Guava and pigeonpea etc. With DFI interventions like **Training on goat farming, Silage preparation, management of disease in pigeonpea (Wilt) and IPM in Guava and introduction of Sheeps** etc., he is getting net annual income of Rs **2,75,540** with **131.14% increase in income over base year**. In addition, there is cost saving of Rs. **18,000/- (Fodder production)** in the production of crop viz., Pigeon pea, Guava and in Goatary/sheep activity.



Silage Prepared in Silo Bags



Sheep Farm Initiated after Intervention



**Name of farmer: Shantappa Pujeri**  
**Address: Village : Almel , Tq : Sindagi**  
**Age: 42**  
**Education: I.T.I**  
**Size of land holding (in acre): 05**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4.00	1120	2,01,600	1,37,600
Livestock 1	Goat farming	13	08	44,000	29,600
Livestock 2	Dairy (ND Buffalo)	01	1150	40,250	27,600
Total				<b>2,85,850</b>	<b>1,94,800</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	4.00	1320	3,03,600	2,23,600	17.90	62.50
Livestock 1	Goat and Sheep Farming	62	32	1,92,000	1,28,000	300	332.40
Livestock 3	Dairy (Buffalo)	03	1350 (1 lactating)	60,750	44,550	17.40	61.40
Livestock 4	Fodder	01	520	-	-	>100.00	-
Total				<b>5,56,350</b>	<b>3,96,150</b>		<b>103.36</b>

**Brief:** The farmer used to get net annual income of Rs. **1,94,800** from sugarcane, Goatary and dairy activity etc. He faced problems like kid mortality, fodder shortage, low milk yield, Diseases in sugarcane etc. With DFI interventions like **Training on goat AND SHEEP farming, Introduction of multicut fodder (Lucerne, CoFs-31), Concentrate feed formulation and management of disease in sugarcane** etc., he is getting net annual income of Rs **3,96,150** with **103.36% increase in income over base year**. In addition, there is cost saving of Rs. **20,000/-** in the production of crop viz., sugarcane, Goatary, SHEEP and dairy activity.



Sugarcane field



Introduction of Sheep farming after training



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mer

Name of farmer: Dayanand Siddappa

Address: Baragudi

Age: 38

Education: PUC

Size of land holding (in acre): 13

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2	8	40400	28500
Field Crop 2	Sugarcane (CO-86032)	6	1800	324000	219000
Field Crop 3	Groundnut (TMV-2)	1	12	50640	38590
Hort. Crop 1	Water melon (Sugar queen)	2	500	300000	179000
<b>Total</b>				<b>715040</b>	<b>465090</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Compone nts	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 2	Pigeon pea (TS-3R)	2	14	84000	66900	75.0	134.7
Field Crop 2	Sugarcane (CO-86032)	6	2460	565800	442800	36.7	102.2
Field Crop 3	Groundnut (G2-52)	1	14	73850	58800	16.7	52.4
Field Crop 4	<b>Black gram (DBGV-05)</b>	2	10	60000	52900	>100.00	>100
Hort. Crop 1	Water melon (Sugar queen)	2	580	493000	342000	16.00	91.00
Livestock 1	Cow (Desi)	1	2000	60000	34000	>100.00	>100.
<b>Total</b>				<b>1336650</b>	<b>963400</b>		<b>107.14</b>

**Brief:** The farmer used to get annual income of **Rs. 4,65,090** from Sugarcane, Pigeon pea and watermelon, etc. He faced problems like root grub in Sugarcane, dry root rot in Pigeon pea, fruit cracking due to boron deficiency in Water melon etc. With DFI interventions like **IPM in sugarcane, Dry root rot management and application of pulse magic in pigeon pea, foliar application of Boron in watermelon and demonstration of DBGV-05 variety in Black gram** etc., and attended training programs conducted by KVK scientist., he is getting annual income of **Rs 963400 with 107.14% increase in income over the base year**. In addition, there is cost saving of **Rs. 25,000 (Use of organic manure and reduction in seed cost)** in the production of these crops.



Foliar application of Boron in watermelon



Field day on Foliar application of Boron in watermelon



Name of farmer: Suresh Anandappa Shivapur

Address: Korahalli

Age: 28

Education: PUC

Size of land holding (in acre): 8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	3	900	171000	118200
Field Crop 2	Cotton (Jaadoo)	2	14	54040	37040
Field Crop 3	Pigeon pea (Gulyal)	2	8	40400	27900
Field Crop 4	Sorghum (M-35)	1	3	4950	1450
<b>Total</b>				<b>270390</b>	<b>184590</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	3	1350	324000	263400	50	122.8
Field Crop 2	Cotton (Sanketh)	2	22	121880	99880	57.1	169.7
Field Crop 3	Pigeon pea (TS-3R)	1	7	42000	34050	-12.5	22.0
Field Crop 4	Sorghum (BJV-44)	1	4	10560	6960	33.3	380.0
Hort. Crop 1	<b>Lime (Kagzi)</b>	1	80	144000	119000	>100	>100
Livestock 1	Cow	1	1960	58800	35280	>100	>100
Livestock 2	Bufallo (Jersey)	3	5250	183750	99750	>100	>100
Other enterprise	Vermicomposting (3*3*15ft)	2	100			>100	-
<b>Total</b>				<b>884990</b>	<b>658320</b>		<b>256.64</b>

**Brief:** The farmer used to get net annual income of **Rs. 1,84,590** from sugarcane, cotton, pigeon pea, and sorghum etc. He faced problems leaf reddening and PBW in cotton, low yielding in pigeon pea and sorghum etc. With DFI interventions like **leaf reddening and PBW in cotton, introducing high yielding variety TS-3R and pulse magic spray (mixture of micronutrients and PGPR) in pigeon pea and BJV-44 in sorghum, citrus special (micronutrient mixture) spray to lime. He also attended training programme on Scientific dairy production, later he start to rearing cow and buffaloes etc.,** and he is getting annual income of **Rs 6,58,320** with **256.64% increase in income over base year**. In addition, there is cost saving of **Rs. 24,000/- (Use of vermicompost, efficient use of micronutrients)** in the production of these crops.



Demonstration of high yielding variety BJV-44 of sorghum



Demonstration of TS-3R variety in Pigeon pea



**Name of farmer: Dundappa Revappa Metri**

**Address: Indi**

**Age: 56**

**Education: 5<sup>th</sup> class**

**Size of land holding (in acre): 7**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2	8	40400	28500
Field Crop 2	Sugarcane (CO-86032)	2	610	112850	77650
Field Crop 3	Sorghum (M-35)	2	6	9900	2900
Field Crop 4					
Livestock 1	Cow (Desi)	1	1600	40000	24000
<b>Total</b>				<b>203150</b>	<b>133050</b>

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	2	14	84000	66900	75	134.7
Field Crop 2	Sugarcane (CO-86032)	2	840	193200	152200	37.7	96.0
Field Crop 3	Sorghum (CSV-26R)	2	8	21120	13920	33.3	380.0
Field Crop 4	<b>Chickpea (JG-11)</b>	1	8	40800	35700	>100	>100
Livestock 1	Cow (Desi)	2	4000	120000	68000	150.0	183.3
<b>Total</b>				<b>459120</b>	<b>336720</b>		<b>153.08</b>

**Brief:** The farmer used to get annual net income of **Rs. 1,33,050** from Pigeon pea, Sugarcane, Sorghum, Chickpea etc. He faced problems like dry root rot, wilt in Pigeon pea, root grub in Sugarcane, wilt and pod borer in Chickpea etc. With DFI interventions like **Dry root rot management and pulse magic spray (mixture of micronutrients and PGPR) in pigeon pea, IPM in sugarcane and Chickpea, demonstration of high yielding variety in chickpea (JG-11) and CSV-26R in sorghum etc.**, he is getting annual income of **Rs 3,36,720** with **153.08% increase in income over base year**. In addition, there is cost saving of **Rs. 18,500 (Use of FYM, own seed )** in the production of above crops.



**KNO3 spray in sorghum crop**



**Sorghum CSV-26R at harvest stage**



Name of farmer: Santosh Gurunath Biradar

Address: Shiganapur

Age:36

Education: PUC

Size of land holding (in acre): 9

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3	12	60600	41850
Field Crop 2	Sorghum (M-35)	1	3	4950	1450
Hort. Crop 1	Grape (Thomason seedless)	3	60	900000	723600
Hort. Crop 2	Cow	2	3400	85000	47600
Livestock 2	Buffalo	2	3100	93000	52700
<b>Total</b>				<b>1143550</b>	<b>867200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	3	21	126000	102150	75.0	144.1
Field Crop 2	Sorghum (M-35)	1	4	10560	6960	33.3	380.0
Hort. Crop 1	Grape (Thomason seedless)	3	90	1620000	1380000	50	90.7
Hort. Crop 2	Banana (G-9)	1	60	150000	60000	>100	>100
Hort. Crop 3	<b>Guava (Thiwan pink)</b>	1	28	84000	29000	>100	>100
Livestock 1	Cow	2	4000	120000	72000	17.6	51.3
Livestock 2	Buffalo	2	3500	122500	66500	12.9	24.3
Livestock 3	Goats	6	6	45000	33000	>100	>100
<b>Total</b>				<b>2278060</b>	<b>1749610</b>		<b>101.75</b>

**Brief:** The farmer used to get net annual income of Rs. 8,67,200 from pigeon pea, sorghum, grape, cow and buffalo etc. He faced problems like low yielding variety in pigeon pea, etc. With DFI interventions like introducing high yielding varieties TS-3R in pigeon pea, application micronutrient mixture grape special in grape etc., and he also attended training programs conducted by KVK scientist etc., he is getting annual income of Rs. 17,49,610 with 101.75% increase in income over base year. In addition, there is cost saving of Rs. 28,600 Use of FYM and own farm seeds, right time micronutrients foliar spray) in the production of these crops.



Grape orchard visited and suggested grape special spray



Guava field visit and suggested right time for harvesting the fruit



Name of farmer: S. N. Birdar  
 Address: Korahalli  
 Age: 44  
 Education: SSLC  
 Size of land holding (in acre): 25

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	10	3000	570000	394000
Field Crop 2	Cotton (Sanketh)	6	42	162120	111120
Field Crop 3	Pigeon pea (Gulyal)	5	20	101000	101000
Field Crop 4	Greengram	1	4	22000	22000
Livestock 1	Cow (Desi)	1	1750	43750	24500
<b>Total</b>				<b>898870</b>	<b>652620</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	10	4500	1080000	878000	50.0	122.8
Field Crop 2	Cotton (Sanketh)	6	66	365640	299640	57.1	169.7
Field Crop 3	Pigeon pea (GRG-811)	5	35	210000	170250	75.0	70.1
Field Crop 4	Green gram DGGV-2)	1	5	30000	26450	25.0	20.2
Hort. Crop 1	Green Chilli (Arka Kyati)	2	264	316800	216800	>100	>100
Hort. Crop 3	Grape (Thompson Seedless)	1	25	375000	295000	>100	>100
Livestock 1	Cow (Desi)	1	1850	64750	35150	5.7	43.5
<b>Total</b>				<b>2442190</b>	<b>1921290</b>		<b>194.4</b>

**Brief:** The farmer used to get net annual income of Rs. 6,52,620/- from sugarcane, cotton, pigeon pea, and green gram etc. He faced problems leaf reddening and PBW in cotton, low yielding in pigeon pea and green gram, etc. With DFI interventions like leaf reddening and PBW in cotton, introducing high yielding variety GRG-811 in pigeon pea and DGGV- 2 etc and farmer also attended training programs conducted by KVK scientists., he is getting annual income of Rs 19,21,290/- with 194.40% increase in income over base year. In addition, there is cost saving of Rs. 25,000/- (Use of FYM, reduction in cost of seed purchase) in the production of these crops and livestock.



Scientist visit to Green gram variety DGGV-2



Scientist visit to sugarcane field planting with seedlings



**Name of farmer: Prabhu**  
**Address: Indi**  
**Age: 35**  
**Education: 10<sup>th</sup>**  
**Size of land holding (in acre): 21**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Ganga Karevi)	5	80	109200	73200
Field Crop 2	Pigeon pea (Gulyal)	10	40	202000	137000
Field Crop 3	Chickpea (Annigeri)	2	10	42000	31800
<b>Total</b>				<b>353200</b>	<b>242000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton	3	33	182820	149820	>100	>100
Field Crop 2	Pigeon pea (TS-3R)	14	98	592900	481600	145.0	251.5
Field Crop 3	Chickpea (JG-11)	2	16	82400	70000	60	120.1
<b>Total</b>				<b>858120</b>	<b>701420</b>		<b>189.84</b>

**Brief:** The farmer used to get net annual income of **Rs. 2,42,000/-** from maize, pigeon pea and chickpea etc. He faced problems like low yielding variety in pigeon pea and chickpea and lack of information others crops etc. With DFI interventions like **management of leaf reddening and pink boll worm in cotton, demonstration high yielding varieties TS-3R in pigeon pea and JG-11 in chickpea, etc., Farmer also attended training programs and demonstration conducted by KVK scientist.,** he is getting annual income of **Rs 7, 01,420/-** with **189.84% increase in income over base year..** In addition, there is cost saving of **Rs. 30,000/- (use of own farm seeds)** in the production of cotton, pigeon pea and chickpea.



Scientists visit to leaf reddening cotton field suggested spray of  $MgSO_4$  to manage leaf reddening in cotton



Name of farmer: Srisail Patil

Address: Navadagi

Age: 46

Education: BA

Size of land holding (in acre): 8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	2	14	54040	37040
Field Crop 2	Sunflower	4	40	158000	142200
Field Crop 3	Wheat (Ankur)	2	16	26000	5800
Livestock 1	Cow (Desi)	1	1650	41250	24750
Livestock 2	Bufallo (Jersey)	1	1400	39200	22400
<b>Total</b>				<b>318490</b>	<b>232190</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton	2	22	121880	99880	57.1	169.7
Field Crop 2	Sunflower (RSFH-1887)	4	48	282720	259160	20.0	82.7
Field Crop 3	Wheat (UAS-304)	2	26	51740	26740	62.5	361
Livestock 1	Cow (Desi)	1	2060	65920	39140	24.8	58.1
Livestock 2	Bufallo (Jersey)	1	1720	68800	41280	22.9	84.3
<b>Total</b>				<b>591060</b>	<b>466200</b>		<b>100.78</b>

**Brief:** The farmer used to get annual net income of **Rs. 2,32,190** from Cotton, Sunflower and wheat, etc. He faced problems like leaf reddening and PBW in cotton, low yielding varieties/hybrid in sunflower and wheat etc. **With DFI interventions like management of leaf reddening and PBW in cotton, introducing high yielding hybrid (RSFH-1887) in sunflower and wheat variety UAS-304 etc.,** he is getting annual income of **Rs 4,66,200** with **100.78% increase in income over the base year.** In addition, there is cost saving of **Rs. 32,560** (Use of organic manure and reduction in seed cost) in the production of these crops.



Demonstration of Pheromone traps



Scientist visit to cotton field and suggested spray of  $MgSO_4$



Name of farmer: Arvind Galimath

Address: Salotagi

Age: 63

Education: B.A

Size of land holding (in acre): 15

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	32	43680	29180
Field Crop 2	Pigeon pea (Gulyal)	6	24	121200	85500
Hort. Crop 1	Oil palm	3	450	270000	210000
Livestock 1	Cow	1	1650	41250	24750
<b>Total</b>				<b>476130</b>	<b>349430</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2	46	85100	64700	43.8	121.7
Field Crop 2	Pigeon pea (TS-3R)	6	48	288000	236700	100.0	176.8
Filed Crop 3	<b>Groundnut (G2-52)</b>	<b>4</b>	60	316500	256300	>100	>100
Hort. Crop 1	Oil palm	3	840	1260000	1230000	86.7	485.7
Livestock 1	Cow	1	2100	67200	40420	27.3	63.3
<b>Total</b>				<b>2016800</b>	<b>1828120</b>		<b>423.17</b>

**Brief:** The farmer used to get annual net income of **Rs. 3,49,430** from Maize, Pigeon pea, Groundnut Oil palm and cow etc. He faced problems like FAW damages and micronutrient deficiency (Fe and Zn) in maize, low yielding variety in Pigeon pea and groundnut etc. With DFI interventions like **management of FAW in maize, application of FeSO<sub>4</sub> and ZnSO<sub>4</sub> @ 10 kg per acre each in maize, introducing high yielding varieties GRG-811, application of pulse magic in Pigeon pea and G-2-52 variety in groundnut** etc., and he also attended training programs conducted by KVK scientist., he is getting annual income of **Rs 18,28,120** with **423.17% increase in income over base year**. In addition, there is cost saving of **Rs. 25,500 (reduction in seed cost and reduction in pesticide cost)** in the production of these crops and livestock.



Soil sampling and FAW damages in maize

Scientist visit to micronutrient deficiency (Fe and Zn) and suggested application of FeSO<sub>4</sub> and ZnSO<sub>4</sub> @ 10 kg per acre



Name of farmer: Sanjeev Kumar

Address: Baragudi

Age: 35

Education: PUC

Size of land holding (in acre): 9

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Ganga Karevi)	2	32	43680	29280
Field Crop 2	Pigeon pea (Gulyal)	4	16	80800	55800
Field Crop 3	Groundnut (TMV-2)	1	12	50640	38590
Livestock 1	Cow	1	1660	41500	23240
Livestock 2	Bufallo	1	1410	39480	21150
<b>Total</b>		<b>7 acres / 1 no</b>		<b>256100</b>	<b>168060</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Ganga Karevi)	2	44	81400	60900	37.5	108
Field Crop 2	Pigeon pea (TS-3R)	4	28	168000	136200	75	144.1
Field Crop 3	Groundnut (G2-52)	1	14	74200	59160	16.7	53.3
Hort. Crop 1	<b>Water melon (Sugar queen)</b>	<b>2</b>	<b>580</b>	<b>493000</b>	<b>357000</b>	<b>&gt;100</b>	<b>&gt;100</b>
Livestock 1	Cow	1	2080	66560	41600	25.3	79
Livestock 2	Bufallo	1	1750	70000	45500	24.1	115.1
<b>Total</b>		<b>9 ac / 1 no</b>		<b>953160</b>	<b>700360</b>		<b>316.73</b>

**Brief:** The farmer used to get annual net income of Rs. 1,68,060/- Maize, Pigeon pea, Groundnut, and livestock etc. He faced problems like FAW damages in maize, low yielding variety in pigeon pea and groundnut, Boron deficiency in watermelon etc. With DFI interventions like **management of FAW in maize, application of FeSO<sub>4</sub> and ZnSO<sub>4</sub> @ 10 kg per acre each in maize, introducing high yielding varieties GRG-811 and use of pulse magic in pigeon pea and G2-52 variety in groundnut, demonstration of short duration and high yielding crop i.e., watermelon along with foliar application of Boron in watermelon etc., foliar spray of boron in watermelon etc.,** he is getting annual income of **Rs. 7,00,360 with 316.73% increase in income over base year..** In addition, there is cost saving of **Rs. 23,800/- (reduction in seed cost reduction in pesticide cost)** and in the production of these crops and livestock.



Boron deficiency in watermelon



Foliar application of Boron in watermelon



Name of farmer: Santosh Tukaram Chawan

Address: Indi

Age: 35

Education: 10<sup>th</sup>

Size of land holding (in acre): 13

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	4	16	80800	54800
Field Crop 2	Chickpea (Annigeri)	5	25	105000	79500
Field Crop 3	Groundnut (TMV-2)	2	24	101280	77180
Hort. Crop 1	Lime (Kagzi)	1	60	72000	52000
Livestock 1	Cow	2	3320	83000	46480
Livestock 2	Buffalo	2	2820	84600	47940
<b>Total</b>				<b>526680</b>	<b>357900</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea(TS-3R)	4	28	169400	137600	75	151.1
Field Crop 2	Chickpea (JG-11)	5	40	208000	177000	60	122.6
Field Crop 3	Groundnut (G2-52)	3	45	238500	193380	87.5	150.6
Hort. Crop 1	Lime (Kagzi)	1	82	147600	122600	36.7	135.8
Livestock 1	Cow	2	4200	147000	97000	26.5	108.7
Livestock 2	Buffalo	2	3600	144000	93600	27.7	95.2
<b>Total</b>				<b>1054500</b>	<b>821180</b>		<b>129.44</b>

**Brief:** The farmer used to get net annual income of **Rs. 3,57,900** from pigeon pea, chickpea, groundnut lime and cow and buffalo etc. He faced problems like low yielding variety in pigeon pea and groundnut, wilt in chickpea, citrus canker in lime etc. With DFI interventions like **demonstration of high yielding and disease tolerant varieties like TS-3R in Pigeon pea, JG-11 in chick pea and G2-52 in groundnut and ICM in citrus canker in lime** etc., he is getting annual income of **Rs 8,21,180** with **129.44%** increase in income over base year. In addition, there is cost saving of **Rs. 19,500** (Use of FYM, reduction in cost of seed purchase) in the production of these crops.



Demonstrating new groundnut variety G2-52



Demonstrating wilt tolerant JG-11 variety in Chickpea



Name of farmer: Rajshekar Biradar

Address: Bairunagi

Age: 38

Education: 5th

Size of land holding (in acre): 6 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	4	1220	225700	155300
Field Crop 2	Groundnut (TMV-2)	2	24	101400	77300
Livestock 1	Cow	3	5250	131250	73500
Livestock 2	Buffalo	2	2940	88200	49980
Total				<b>546550</b>	<b>356080</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	4	1720	412800	332000	41	113.8
Field Crop 3	<b>Groundnut (G2-52)</b>	2	32	169600	141500	33.3	83.1
Livestock 1	Cow	3	6300	220500	148500	20	102
Livestock 2	Buffalo	2	3900	156000	101400	32.7	102.9
<b>Total</b>				<b>958900</b>	<b>723400</b>		<b>103.16</b>

**Brief:** The farmer used to get annual income of **Rs. 3,56,080** from sugarcane and groundnut, cows and buffaloes etc. He faced problems like low yielding variety and sulphur deficiency in groundnut, root grub damage in sugarcane etc. With DFI interventions like **demonstration of new varieties like G2-52 and application of gypsum @ 200 kg /acre in groundnut and root grub management in sugarcane etc.**, and He also attended training programs conducted by KVK scientist., he is getting annual income of **Rs 7,23,400** with **103.16% increase in income over base year**. In addition, there is cost saving of **Rs. 25,030 (Use of FYM, sugarcane residue as mulching)** in the production of these crops and livestock.



Demonstration of new groundnut variety G2-52



Sugarcane field visit and suggested measures for root grub management



Name of farmer: N.G. Nad  
 Address: Baragudi  
 Age: 35  
 Education: Degree  
 Size of land holding (in acre): 7 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	2	620	117800	82600
Hort. Crop 1					
Hort. Crop 2	Lime (Kagzi)	1	55	71500	47500
<b>Total</b>				<b>189300</b>	<b>130100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	2	860	206400	166000	38.7	101
Hort. Crop 1	<b>Water melon (Sugar queen)</b>	4	1160	986000	684000	>100	>100
Hort. Crop 2	Lime (Kagzi)	1	90	180000	152000	66.6	220
<b>Total</b>				<b>1372400</b>	<b>1002000</b>		<b>670.18</b>

**Brief:** The farmer used to get annual income of **Rs. 1,30,100/-** from Sugarcane and lime, etc. He faced problems like root grub in Sugarcane, fruit cracking in Watermelon due to boron deficiency and micronutrient deficiency in lime etc. With DFI interventions like **IPM in sugarcane and foliar application of Boron in watermelon, Bahar and micro nutrient management through citrus special in lime and consultancy** etc., he is getting annual income of **Rs 10,02,000/-** with **670.18%** increase in income over base year. In addition, there is cost saving of **Rs. 20,200** (reduction in number of pesticides spray and right time micronutrients foliar spray) in the production of these crops.



Foliar application of Boron in watermelon



Bumper harvested Watermelons with higher income



**Name of farmer: Bapugouda**  
**Address: Hachyl, Sndagi Tq**  
**Age: 35**  
**Education: PUC**  
**Size of land holding (in acre): 9**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	4	64	87360	58560
Field Crop 2	Pigeon pea (Gulyal)	3	12	60600	41850
Field Crop 3	Cotton (Jadoo)	2	14	54040	37040
<b>Total</b>				<b>202000</b>	<b>245850</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	4	88	162800	121800	37.5	108
Field Crop 2	Pigeon pea (TS-3R)	1	7	42000	34050	-41.7	-18.6
Field Crop 3	Cotton (Sanketa)	2	22	121880	99880	51.1	169.7
Hort. Crop 1	<b>Green chilli (Arka Kyati)</b>	1	132	158400	108400	>100	>100
Hort. Crop 2	<b>Tomato (Arka Samrat)</b>	1	245	232750	152750	>100	>100
<b>Total</b>				<b>717830</b>	<b>516880</b>		<b>110.24</b>

**Brief:** The farmer used to get net annual income of **Rs. 2,45,850** from maize, pigeon pea and cotton, etc. He faced problems like FAW damage in maize, low yielding variety in pigeon pea, leaf reddening and PBW in cotton etc. With DFI interventions like **Management of FAW in maize, introducing high yielding varieties like TS-3R in pigeon pea and management of leaf reddening and PBW in cotton and demonstrating high yielding commercial vegetable crops like tomato and green chilli with improved hybrid/variety** etc., he is getting annual income of **Rs. 5,16,880** with **110.24% increase in income over base year**. In addition, there is cost saving of **Rs. 20,600 (reduction in number of pesticides spray)** in the production of these crops.



Spraying of MgSO<sub>4</sub> to manage leaf reddening in cotton



After DFI interventions got higher yield in maize



Name of farmer: Shivanand Laxman

Address: Bairunagi

Age: 29

Education: SSLC

Size of land holding (in acre): 12

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	3	900	171000	118200
Field Crop 2	Pigeon pea (Gulyal)	4	16	80800	55800
Field Crop 3	Wheat (Ankur)	2	16	26000	5800
Field Crop 4	Chickpea (Annigeri) ®	1	5	21000	15900
Hort. Crop 1	Onion (Panch ganaga)(K)	2	360	223200	133200
Hort. Crop 2	Lime (Kazgi)	1	80	96000	71000
Livestock 1	Goats (Osmanabadi)	4	4	20000	14000
Livestock 2	Buffalo (Jersy)	1	1550	46500	26350
<b>Total</b>				<b>684500</b>	<b>440250</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Lt/No.)	Gross Income (Rs.)	Net Income (Rs.)	product ion	income
Field Crop 1	Sugarcane (CO-86032)	3	1350	324000	263400	50	122.8
Field Crop 2	Pigeonpea (TS-3R)	4	28	168000	136200	75	144.1
Field Crop 3	Wheat (Ankur)	2	26	51740	26740	62.5	361
Field Crop 4	<b>Chickpea (BGD-111-1) (R)</b>	1	8	41600	35400	60	128.6
Hort. Crop 1	Onion (Panch ganga)(K)	2	480	528000	432000	33.3	224.3
Hort. Crop 2	Lime (Kazgi)	1	110	220000	195000	37.5	174.6
Livestock 1	Goats (Osmanabadi)	7	7	52500	38500	75	170.0
Livestock 2	Buffalo (Jersey)	1	1800	63000	34200	16.1	29.8
<b>Total</b>				<b>1448840</b>	<b>1161440</b>		<b>163.81</b>

**Brief:** The farmer used to get net annual income of **Rs. 4,40,250** from sugarcane, pigeon pea, wheat, chickpea, onion and lime etc. He faced problems Fe deficiency in sugarcane, dry root rot in pigeon pea, wilt in chickpea, rotting and storage losses in onion, micronutrient deficiency in lime and etc. **With DFI interventions like ICM in pigeon pea and chickpea, sulphur application onion, citrus special spray in lime and consultancy etc.,** He also attended training programs conducted by KVK scientist, he is getting annual income of **Rs 11,61,440 with 163.81% increase in income over base year.** In addition, there is cost saving of **Rs. 20,000 (reduction in number of pesticides spray and right time micronutrients foliar spray)** in the production of these crops.



Sulphur application in onion



Suggested citrus special spray in lime to control micronutrient deficiency



Name of farmer: Prakash Nimbal

Address: Bairunagai

Age: 40

Education: PUC

Size of land holding (in acre): 6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	2	600	114000	78800
Field Crop 2	Pigeon pea (Gulyal)	1	4	20200	13950
Field Crop 3	Groundnut (TMV-2)	1	12	50400	38350
Hort. Crop 1	Pomegranate (Kearsr)	2	80	560000	440000
Livestock 1	Cow	2 (1 lactating)	1700	42500	23800
Livestock 2	Buffalo	2	3100	93000	52700
<b>Total</b>		<b>6 acres/4 nos</b>		<b>880100</b>	<b>647600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Lt/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	2	900	216000	175600	50	122.8
Field Crop 2	Pigeon pea (TS-3R)	1	8	48000	40050	100	187.1
Field Crop 3	Groundnut (G2-52)	1	16	85600	71600	33.3	86.7
Hort. Crop 1	Pomegranate (Kearsr)	2	120	1020000	880000	50	100
Livestock 1	Cow	2	4200	147000	96600	147.1	305.9
Livestock 2	Buffalo	2	3900	156000	101400	25.8	92.4
<b>Total</b>		<b>6 acres/4 nos</b>		<b>1672600</b>	<b>1365250</b>		<b>110.82</b>

**Brief:** The farmer used to get net annual income of **Rs. 6,47,600** from sugarcane, pigeon pea, groundnut pomegranate and cow and buffaloes, etc. He faced problems like low yielding variety in pigeon pea and groundnut and bacterial blight in pomegranate etc. With DFI interventions like **introducing high yielding varieties like TS-3R in pigeon pea and G2-52 variety in groundnut and management of bacterial blight in pomegranate etc.**, He attended training programme on scientific dairy management, he is getting annual income of **Rs 13,65,250** with **110.82% increase in income over base year..** In addition, there is cost saving of **Rs. 26,150 (Use of organic manure and reduction in number of pesticides spray)** in the production of these crops.



Visited groundnut variety G2-52 with gypsum application



Scientist visited and suggested right stage of harvest for pomegranates



Name of farmer: **Rajashekar Teli**

Address: **Bairunagai**

Age: **28**

Education: **10<sup>th</sup>**

Size of land holding (in acre): **6**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	3	900	171000	118200
Field Crop 2	Chickpea (Annigeri)	1	5	21000	15900
Field Crop 3	Wheat (Ambar)	1	8	13000	2900
Hort. Crop 1	Onion (Panch ganga)	1	50	55000	30000
<b>Total</b>				<b>260000</b>	<b>167000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	3	1350	324000	263400	50	122.8
Field Crop 2	Chickpea (BGD-111-1)	1	8	41600	35400	60	122.6
Field Crop 3	Wheat (UAS-304)	1	13	25870	13370	62.5	361
Hort. Crop 1	<b>Onion (Bhima super)</b>	1	100	160000	120000	100	300
Livestock 1	Cow	3	6300	220500	144900	>100	>100
Livestock 2	Buffalo	2	3900	156000	101400	>100	>100
<b>Total</b>				<b>927970</b>	<b>678470</b>		<b>306.27</b>

**Brief:** The farmer used to get annual income of **Rs. 1,67,000** from sugarcane, chickpea, wheat and onion, etc. He faced problems like **low yielding variety in pigeon pea, chickpea, wheat and onion, iron deficiency in sugarcane, S deficiency in onion** etc. With DFI interventions like **introducing high yielding varieties like TS-3R in pigeon pea, BGD-111-1 in chickpea, UAS-304 in wheat. Bhima super variety and Sulphur application in onion and adopting animal component in agriculture etc.**, he is getting annual income of **Rs. 6,78,470** with **306.27% increase in income over base year**. In addition, there is cost saving of **Rs. 16,500 (Use of organic manure and quick remedy of micronutrient correction)** in the production of these crops.



Supply of BGD-111-1 of chickpea



Scientist visit to Fe deficiency of Sugarcane field visit and suggested  $\text{FeSO}_4$  spray



**Name of farmer: Ramachandra**  
**Address: Baragudi**  
**Age: 45**  
**Education: 10<sup>th</sup>**  
**Size of land holding (in acre): 5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	3	48	65520	43920
Field Crop 2	Groundnut (TMV-2)	2	24	100800	76700
Livestock 1	Cow	1	1700	42500	23800
Livestock 2	Buffalo	1	1550	46500	26350
<b>Total</b>				<b>255320</b>	<b>170770</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	3	66	122100	91350	37.5	108
Field Crop 3	Groundnut (G2-52)	2	32	171200	143200	33.3	86.7
Hort. Crop 1							
Livestock 1	Cow (Desi)	2	4200	147000	96600	147.1	305.9
Livestock 2	Buffalo (Jersey)	4	7800	312000	202800	403.2	669.2
<b>Total</b>				<b>752300</b>	<b>533950</b>		<b>212.67</b>

**Brief:** The farmer used to get annual income of **Rs. 1,70,770** from maize and groundnut, etc. He faced problems like FAW damage in maize, low yielding variety and sulphur deficiency in groundnut, etc. With DFI interventions like **Management of FAW in maize, introducing high yielding varieties G2-52 and application of gypsum @200 kg/acre in groundnut** etc., he is getting annual income of **Rs. 5,33,950** with **212.67% increase in income over base year**. In addition, there is cost saving of **Rs. 23,800 (Use of FYM, reduction in cost of seed purchase)** in the production of these crops.



Supply of G2-52 and gypsum for groundnut



Application of gypsum in groundnut



Name of farmer: Vijayakumar Mallayya Hiremath

Address: Battagunaki

Age: 48

Education: B.A.

Size of land holding (in acre): 4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	1	300	57000	39400
Field Crop 2	Maize (Ganga Kaveri) (K)	1	16	21840	14640
Field Crop 3	Pigeon pea (Gulyal)	1	4	20200	13950
Hort. Crop 1	Lime (Kagzi)	1	60	78000	58000
<b>Total</b>				<b>177040</b>	<b>125990</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	1	450	108000	87800	50	122.8
Field Crop 2	Maize (Ganga Kaveri) (K)	1	22	40700	30450	37.5	108
Field Crop 3	Pigeon pea (TS-3R)	1	8	48000	40050	100	187.1
Field Crop 4	<b>Groundnut (G2-52) (S)</b>	1	16	85600	71600	>100	>100
Hort. Crop 1	Lime (Kagzi)	1	82	164000	139000	36.7	139.7
Livestock 1	<b>Buffalo</b>	2	3900	156000	101400	>100	>100
<b>Total</b>				<b>602300</b>	<b>470300</b>		<b>273.28</b>

**Brief:** The farmer used to get annual income of Rs. 1,25,990 from sugarcane, maize and groundnut, etc. He faced problems like FAW damage in maize, low yielding variety in groundnut, micronutrient deficiency in lime etc. With DFI interventions like **Management of FAW in maize, introducing high yielding varieties G2-52 in groundnut, Bahar and micro nutrient management through citrus special in lime and consultancy etc., and he attended training programs conducted by KVK scientist.,** he is getting annual income of Rs. 4,70,300/- with 273.28% increase in income over base year. In addition, there is cost saving of Rs. 20,600 (reduction in number of pesticides spray and right time micronutrients foliar spray) in the production of these crops.



Application of gypsum in groundnut



Recorded performance of G2-52 variety - Groundnut



Name of farmer: Ramesh M S

Address: Hachyl

Age: 28

Education: 5

Size of land holding (in acre): 5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Ganga Kaveri)	2	32	43680	29280
Field Crop 2	Cotton (Jadoo)	1	7	27020	18520
Livestock 1	Cow	1	1700	42500	23800
Livestock 2	Buffalo	2	3100	93000	52700
<b>Total</b>				<b>206200</b>	<b>124300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Ganga Kaveri)	2	44	81400	60900	37.5	108
Field Crop 2	Cotton (Jadoo)	1	11	60940	49940	57.1	169.7
Hort. Crop 1	<b>Onion (Bhima super)</b>	2	170	272000	192000	>100	>100
Livestock 1	Cow	1	2000	60000	36000	17.6	51.3
Livestock 2	Buffalo	2	3500	122500	66500	12.9	26.2
<b>Total</b>				<b>596840</b>	<b>405340</b>		<b>226.10</b>

**Brief:** The farmer used to get annual income of **Rs. 1,24,300** from maize, cotton and onion, etc. He faced problems like Micronutrient deficiency in maize, leaf reddening in cotton, low yielding variety in onion etc. With DFI interventions like **application of FeSO<sub>4</sub> and ZnSO<sub>4</sub> @ 10 kg /acre at the time sowing of maize, and corrective measure of leaf reddening in cotton and introducing high yielding varieties like Bheem super variety in onion and consultancy etc.,** he is getting annual income of **Rs 4,05,340** with **226.10% increase in income over base year**. In addition, there is cost saving of **Rs. 16,000 (Use of organic manure and reduction in number of pesticides spray)** in the production of these crops.



Reduction in leaf reddening incidence in cotton with MgSO<sub>4</sub> foliar spray



Higher yield was recorded in maize by management of FAW



Name of farmer: Shantappa Metri

Address: Indi

Age: 65

Education: --

Size of land holding (in acre): 6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3	12	60600	41850
Hort. Crop 1	Lime (Kagzi)	2	110	115500	67500
Livestock 1	Cow	1	1700	42500	23800
<b>Total</b>				<b>218600</b>	<b>133150</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	3	21	126000	102150	75	144.1
Field Crop 2	<b>Cotton (Jadoo)</b>	1	11	60940	49940	>100	>100
Hort. Crop 1	Lime (Kagzi)	2	180	225000	169000	63.6	150.4
Livestock 1	Cow	1	1960	58800	35280	15.3	48.2
<b>Total</b>				<b>470740</b>	<b>356370</b>		<b>167.65</b>

**Brief:** The farmer used to get annual income of **Rs. 1,33,150** from pigeon pea and lime etc. He faced problems dry root rot in pigeon pea, micronutrient deficiency and citrus canker in lime and leaf reddening in cotton etc. **With DFI interventions like ICM in pigeon pea and citrus special spray in lime and corrective measure of leaf reddening in cotton and consultancy etc.,** He also attended training programs conducted by KVK scientist, he is getting annual income of **Rs 3,56,370** with **167.65% increase in income over base year.** In addition, there is cost saving of **Rs. 11,000 (reduction in number of pesticides spray and right time micronutrients foliar spray)** in the production of these crops.



Demonstrating high yielding Variety TS-3R in Pigeon pea



Suggested MgSo4 spray to minimize leaf reddening in cotton



Name of farmer: Shantappa Mallikarjunppa Birdar

Address: Navadagi

Age: 58

Education: --

Size of land holding (in acre): 8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	5	1500	285000	197000
Field Crop 3	Cotton	1	7	27020	18520
Hort. Crop 1	Lime (Kagzi)	1	60	60000	40000
<b>Total</b>				<b>372020</b>	<b>255520</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	5	2250	540000	439000	50	122.8
Field Crop 2	<b>Maize (Ganga Kaveri) (K)</b>	1	22	40700	30450	>100	>100
Field Crop 3	Cotton	1	11	60940	49940	57.1	169.7
Hort. Crop 1	Lime (Kagzi)	1	82	106600	81600	37.7	104
Hort. Crop 2	Onion (Bhima Shakti) (R)	1	85	136000	96000	>100	>100
Livestock 1	Cow (Desi)	1	1960	58800	35280	>100	>100
<b>Total</b>				<b>943040</b>	<b>732270</b>		<b>186.58</b>

**Brief:** The farmer used to get net annual income of **Rs. 2,55,520** from sugarcane, cotton, and lime etc. He faced problems root grub in sugarcane, leaf reddening and PBW in cotton, and micronutrient deficiency in lime, etc. With DFI interventions like **management of root grub in sugarcane, leaf reddening and PBW in cotton, FAW in maize and application of citrus special in lime, introducing new variety of onion etc.**, and attended training programs conducted by KVK scientist., he is getting annual income of **Rs 7,32,270/-** with **186.58% increase in income over base year**. In addition, there is cost saving of **Rs. 18,000 (Use of FYM, reduction in cost of seed purchase)** in the production of...



Supply of MgSO<sub>4</sub> for cotton to minimize leaf reddening in cotton



Demonstration of sleeves traps in maize



**Name of farmer: Anil**  
**Address: Hachyl**  
**Age: 32**  
**Education: 10<sup>th</sup>**  
**Size of land holding (in acre): 16**

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Ganga Kaveri)	2	32	43680	29280
Field Crop 2	Cotton (Jadoo)	9	63	243180	166680
Field Crop 3	Groundnut (TMV-2)	1	12	50400	38350
Hort. Crop 1	Lime (Kagzi)	1	60	60000	40000
Hort. Crop 2	Onion	1	50	55000	30000
Livestock 1	Buffalo	1	1550	46500	26350
<b>Total</b>				<b>498760</b>	<b>330660</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Lt/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Ganga Kaveri)	2	44	81400	60900	37.5	108
Field Crop 2	Cotton (Jadoo)	9	99	548460	449460	57.1	169.7
Field Crop 3	Groundnut (G2-52)	1	16	85600	71600	33.3	86.7
Hort. Crop 1	Lime (Kagzi)	1	82	106600	81600	36.7	104
Hort. Crop 2	Onion (Bhima super)	1	85	136000	96000	70	220
Hort. Crop 3	Green chilli	2	264	316800	216800	>100	>100
Livestock 1	Buffalo	1	1750	61250	33250	12.9	26.2
<b>Total</b>				<b>1336110</b>	<b>1009610</b>		<b>205.33</b>

**Brief:** The farmer used to get net annual income of **Rs. 3,30,660** from maize, cotton, groundnut, lime and onion etc. He faced problems FAW in maize, leaf reddening and PBW in cotton, low yielding in groundnut and micronutrient deficiency in lime, purple blotch in onion etc. With DFI interventions like management of **FAW in maize, leaf reddening and PBW in cotton, introducing high yielding variety G2-52 in groundnut and Bhima super in onion and application of citrus special in lime** etc., he is getting annual income of **Rs 10,09,610** with **205.33% increase in income over base year**. In addition, there is cost saving of **Rs. 18,000/- (Use of FYM, reduction in cost of seed purchase)** in the production of these crops.



Field day on leaf reddening and PBW in cotton



Field day on management of FAW in maize



**Name of farmer: Chidanand**  
**Address: Padnur**  
**Age: 25**  
**Education: IT**  
**Size of land holding (in acre): 6**

### 1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3	900	171000	118200
Field Crop 2					
Hort. Crop 1	Tomato (Local)	1	180	111600	66600
Hort. Crop 2					
Hort. Crop 3					
Livestock 1					
<b>Total</b>				282600	184800

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre/No)	Production (Q/LtNo.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	3	1350	324000	263400	50	123.8
Field Crop 2	D.Wheat (DDK-1029)	1	14	63000	41000	>100	> 100
Hort. Crop 1	Tomato (Arka Samrat)	1	240	264000	216000	33.3	224.3
Hort. Crop 2	Green Chilli (Arka Kyati)	1	132	158400	110400	>100	>100
Livestock 1	Cow (Desi)	1	2000	60000	36000	>100	>100
Other enterprise	Vermicomposting (3*3*15ft)	2	2			-	-
<b>Total</b>				<b>869400</b>	<b>666800</b>		<b>260.82</b>

**Brief:** The farmer used to get annual income of **Rs. 1,84,800/-** from sugarcane, tomato, etc. He faced problems like root grub in sugarcane, low yielding varieties in tomato, poor pollination and micronutrient deficiency in bitter gourd and Ridge gourd, etc. With DFI interventions like Management of root grub in sugarcane. High yielding hybrid Arka Samrat in tomato, Spraying of micronutrient mixture ie., vegetable special to bitter gourd, tomato and ridge gourd and consultancy etc., and attended training programs conducted by KVK scientist., he is getting annual income of **Rs. 6,66,800/- with 260.82% increase in income over base year..** In addition, there is cost saving of Rs. 40,600 (reduction in number of pesticides spray and right time micronutrients foliar spray) in the production of these crops.



**Scientist visit to Bitter gourd and Tomato (Arka Samrat) and spraying vegetable special**



Name of farmer: Kashinath Birdar

Address: Navadagi

Age: 32

Education: SSLC

Size of land holding (in acre): 6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3	12	60600	41850
Field Crop 2	Cotton (Sanketh)	2	14	54040	37040
Livestock 1	Cow (cross breed)	1	1700	42500	23800
Livestock 2					
<b>Total</b>				<b>157140</b>	<b>102690</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	3	21	126000	102150	75	144.1
Field Crop 2	Cotton (Sanketh)	2	22	121880	99880	57.1	169.7
Hort. Crop 1	<b>Onion (Bhima Shakti)</b>	1	85	136000	96000	>100	>100
Livestock 1	Cow (cross breed)	1	1960	58800	35280	15.3	48.2
Livestock 2	Bufallo (Jersy)	1	1750	61250	33250	>100	>100
<b>Total</b>				<b>503930</b>	<b>366560</b>		<b>256.96</b>

**Brief:** The farmer used to get net annual income of Rs. 1,02,690 from pigeon pea and cotton etc. He faced problems dry root rot in pigeon pea and leaf reddening in cotton, etc. **With DFI interventions like ICM in pigeon pea and leaf reddening in cotton and introducing onion crop and animal production etc.,** he is getting annual income of Rs 3,66,560/- with 256.96% increase in income over base year.. In addition, there is cost saving of Rs. 21,000 (Use of FYM, reduction in cost of seed purchase). in the production of



Sowing of cotton after soil application  $MgSO_4$



Filed day on leaf reddening and PBW in cotton



Name of farmer: Gururaj Biradar

Address: Tawarkhed

Age: 32

Education: BA

Size of land holding (in acre): 15

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane (CO-86032)	8	2400	456000	315200
Field Crop 2	Pigeon pea (Gulyal)	2	8	40400	27900
Field Crop 3	Cotton (Jadoo)	2	14	54040	37040
Field Crop 4	Sorghum	2	6	9900	2900
Livestock 1	Cow	1	1700	42500	23800
Livestock 2	Bufallo	1	1550	46500	26350
<b>Total</b>		<b>14 acres/2nos</b>		<b>649340</b>	<b>433190</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (CO-86032)	6	2700	648000	526800	12.5	67.1
Field Crop 2	Pigeon pea (TS-3R)	2	14	84000	68100	75.0	141.1
Field Crop 3	Cotton (Sangeth)	2	22	121880	99880	57.1	169.7
Field Crop 4	Sorghum	1	4	10560	6960	-33.3	140
Hort. Crop 1	<b>Bitter gourd</b>	2	70	224000	134000	>100	>100
Hort. Crop 2	<b>Tomato (Arka Samrat)</b>	2	490	465500	369500	>100	>100
Livestock 1	Cow	2	4000	120000	72000	135.3	202.5
Livestock 2	Bufallo	2	3500	122500	66500	125.8	152.4
<b>Total</b>		<b>15ac/4nos</b>		<b>1796440</b>	<b>1343740</b>		<b>210.2</b>

**Brief:** The farmer used to get net annual income of Rs. 4,33,190 from sugarcane, pigeon pea, cotton, and sorghum etc. He faced problems leaf reddening and PBW in cotton, low yielding in pigeon pea and sorghum etc. With DFI interventions like leaf reddening and PBW in cotton, introducing high yielding variety TS-3R and pulse magic spray (mixture of micronutrients and PGPR) in pigeon pea and BJV-44 in sorghum. etc., and he is getting annual income of Rs 13,43,740/- with 210.20% increase in income over base year. In addition, there is cost saving of Rs. 28,000/- (Use of FYM, efficient use of micronutrients) in the production of these crops.



**Bitter gourd field visited and suggested spray of vegetable special (mixture of micronutrients) to get higher income**



**Name of farmer: Santosh Biradar**

**Address: Bhairungi**

**Age: 32**

**Education: metric**

**Size of land holding (in acre): 5.5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Kharif)	2.5	35	47775	30275
Field Crop 2	Redgram (Gulyal)	3.0	12	60600	42600
Field Crop 3	Chickpea (Annigeri) (Rabi)	2.5	12.5	50000	38000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
<b>Total</b>				<b>215075</b>	<b>159875</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2.5	50	96200	70,500	42.85	132.86
Field Crop 2	Redgram (TS3-R)	3.0	18	108000	87000	50.00	104.22
Field Crop 3	Chickpea (JG-11) (Rabi)	2.5	21	107100	89100	68.00	134.47
Livestock 1	Cattle (jersey)	3	4095	180750	156750	9.72	219.90
<b>Total</b>				<b>492050</b>	<b>403350</b>		<b>152.29</b>

**Brief:** The farmer used to get annual net income of Rs. **159875** from maize, redgram and chickpea. He faced problem like Fall army worm, dry root rot and pod borer, low yield etc. With DFI interventions like **integrated management of maize Fall army worm, IPDM in redgram, introduction of chickpea variety JG-11**, he is getting annual income of **Rs 403350** with **152.29% increase in income over base year**. In addition, there is cost saving of **Rs. 2200** in the production of above crops.



Demonstration on installation of FAW specific traps

Field after DFI intervention in maize for management of FAW



Name of farmer: Arif Pathan

Address: Hingani

Age: 26

Education: BA

Size of land holding (in acre): 11 ac

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	1	4	20200	14200
Field Crop 2	Sugarcane	9	2200	396000	336000
Hort. Crop 1	Grapes	1	20	300000	210000
<b>Total</b>				<b>716200</b>	<b>560200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3-R)	3	18	108000	84000	50.0	491.55
Field Crop 2	Sugarcane	7	2800	644000	564000	63.63	67.86
Hort. Crop 1	Grapes	1	35	600000	480000	75.0	128.57
Livestock 1	Cattle (jersey)	3	4095	180750	156750	>100	>100
Other enterprise (Specify)	Vermicompost	2 (12''*4''*2'')	20	16000	12000	>100	>100
<b>Total</b>				<b>1548750</b>	<b>1296750</b>		<b>131.48</b>

**Brief:** The farmer used to get annual net income of Rs. **560200** from redgram, sugarcane and grapes. He faced problems like dry root rot, root grub, nutritional deficiencies, mildews, low yield etc. With DFI interventions like **vermicompost training under ASCI, introduction of variety TS3R in redgram and IPDM, stem borer and downy mildew management in grapes**, he is getting annual net income of Rs **1296750** with **131.48% increase in income over base year**. In addition, there is cost saving of Rs. **22,000** in the production of redgram, sugarcane, grapes and dairy.



Training programme under ASCI on vermicomposting



Scientist visit to suggest pest and disease



**Name of farmer:** Azeem Bandalagi  
**Address:** Hingani  
**Age:** 26  
**Education:** BE  
**Size of land holding (in acre):** 10 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram ( <i>kharif</i> )	2	7	35350	23350
Field Crop 2	Sugarcane	6	1800	324000	222000
Field Crop 3	Wheat ( <i>Rabi</i> )	1	10	16250	8250
Hort. Crop 1	Drumstick	2	100	185000	129000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
<b>Total</b>				<b>617300</b>	<b>431600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram ( <i>kharif</i> )	2	13	78000	60000	85.71	156.95
Field Crop 2	Sugarcane	6	2500	575000	465000	38.89	109.45
Field Crop 3	Wheat ( <i>Rabi</i> )	2	28	55300	49300	40.00	497.58
Hort. Crop 1	Drumstick	2	120	240000	180000	20.00	39.53
Livestock 1	Cattle (jersey)	5	6825	301250	251250	8.34	412.76
Other enterprise (Specify)	Vermicompost (12''*4''*2'')	4	40	32000	26000	>100	>100
<b>Total</b>				<b>1281550</b>	<b>1031550</b>		<b>139.01</b>

**Brief:** The farmer used to get annual net income of Rs. **431600** from Redgram, sugarcane, drumstick etc. He faced problems like pod borer, root grub, nutritional deficiencies, low yielding varieties etc. With DFI interventions like **Introduction of wheat variety UAS-304, Training on vermicompost production**, consultancy, field visits etc., he is getting annual income of Rs **1031550 with 139.01% increase in income over base year..** In addition, there is cost saving of Rs. **17950** in the production of different crops, dairy and vermicompost.

Photo-1

Photo-2



Vermicomposting after training under ASCI



scientist visit to drumstick field



**Name of farmer: Gurappa Kallappa Sinnur**

**Address: Nad KD**

**Age: 55**

**Education: 5<sup>TH</sup>**

**Size of land holding (in acre): 3.10 acre**

### 1) Before Intervention

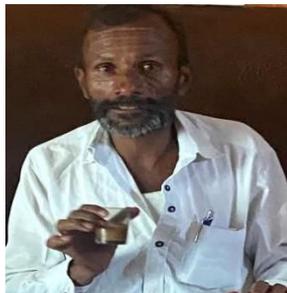
Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram ( <i>Kharif</i> ) (Gulyal)	1	4	20200	14000
Field Crop 2	Sorghum ( <i>Rabi</i> )	1	3	6000	4000
Hort. Crop 1	Lime	1	60	72000	46000
Hort. Crop 2	Pomegranate	1	40	160000	100000
Livestock 1	Buffalo	1	1260	56700	49000
Livestock 2	Poultry farming	100	100	18000	9000
<b>Total</b>				<b>332900</b>	<b>222000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram ( <i>Kharif</i> ) (TS3R)	1	7	42000	34000	75.00	142.9
Field Crop 2	Sorghum ( <i>Rabi</i> )	1	4	10560	6120	33.30	53.00
Hort. Crop 1	Lime	1	100	200000	170000	66.67	269.56
Hort. Crop 2	Pomegranate	1	55	220000	155000	37.50	55.00
Livestock 1	Buffalo	5	6825	341250	266250	441.7	443.4
Livestock 2	Poultry farming	200	200	50000	30000	100.00	233.33
Other enterprise	Vermicompost	4 (15''*4''*2'')	40	32000	27000	>100	>100
<b>Total</b>				<b>895810</b>	<b>688370</b>		<b>210.08</b>

**Brief:** The farmer used to get annual net income of Rs. **222000** from Redgram, lime, pomegranate, dairy and poultry farming . He faced problems like poor yield and knowledge, cow dung waste, poor flowering etc. With DFI interventions like **IPDM in pomegranate, vermicompost producer and poultry farming trainings, counselling** etc., he is getting annual income of Rs **688370 with 210.08% increase in income over base year..** In addition, there is cost saving of Rs. **10100** in the production of above crops.





**Name of farmer: Shivanand Patil**

**Address: Bhairungi**

**Age: 50**

**Education: illiterate**

**Size of land holding (in acre): 6 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	1	4	20200	14000
Field Crop 2	Sugarcane	4	1000	180000	108000
Hort. Crop 1	Lime	1	60	78000	52000
Livestock 1	Goat farming	04	02	11000	7500
<b>Total</b>				<b>289200</b>	<b>181500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (GRG-811) ( <i>Kharif</i> )	1	8	48000	40000	100.00	185.71
Field Crop 2	Sugarcane	4	1600	352000	280000	60.00	159.25
Hort. Crop 1	Lime	1	100	200000	170000	66.67	269.60
Hort. Crop 2	Onion ( <i>Rabi</i> ) (Bhima Shakti)	1	95	152000	112000	>100	>100
Livestock 1	Goat farming	10	05	35000	25000	150.00	233.33
Livestock 2	Dairy (HF×Cows)	02	1720 (one lactating)	51600	30960	>100	>100
<b>Total</b>				<b>838600</b>	<b>657960</b>		<b>262.51</b>

**Brief:** The farmer used to get annual net income of Rs. **181500** from redgram, sugarcane and lime crops. He faced problems like low yield, pest and diseases etc. With DFI interventions like **Introduction of new variety GRG 811 in redgram, bahar and nutrient management in lime, IPDM in lime, training on dairy farming and introduction of onion variety bhima shakti**, he is getting annual income of Rs **657960** with **262.51% increase in income over base year**. In addition, there is cost saving of Rs **11800** in the production

Photo-2



Scientist visit to redgram (GRG-811) field



Bahar and nutrient management in lime



Name of farmer: Ningappa Pujari

Address: Teggehalli

Age: 35

Education: illiterate

Size of land holding (in acre): 11 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	32	43680	29680
Field Crop 2	Sugarcane	2	600	108000	74000
Field Crop 3	Cotton	3	21	81060	55560
Hort. Crop 1	Chilli (Green)	2	200	140000	45000
Hort. Crop 2	Lime	2	120	156000	106000
Livestock 1	Cattle (jersey)	2	2520	75600	66000
<b>Total</b>				<b>604340</b>	<b>376240</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2	44	81400	61400	37.50	106.87
Field Crop 2	Sugarcane	2	800	184000	144000	33.34	94.59
Field Crop 3	Cotton	3	30	165450	132450	42.85	138.39
Hort. Crop 1	Chilli (Green)	2	232	232000	132000	16.00	193.34
Hort. Crop 2	Lime	2	200	380000	320000	66.67	201.88
Livestock 1	Cattle (jersey)	3	3900	195000	171000	3.17	59
<b>Total</b>				<b>1237850</b>	<b>960850</b>		<b>155.38</b>

**Brief:** The farmer used to get annual net income of Rs. **376240** from maize, sugarcane, cotton, chilli and lime. He faced problems like root grub in sugarcane, root-knot nematode in chilli and pest and diseases in lime etc. With DFI interventions like **integrated management of root grub, root-knot nematode in chilli and IPDM in lime** etc., he is getting annual income of Rs **960850** with **155.38% increase in income over base year**. In addition, there is cost saving of Rs. **23900** in the production of above crops.



Nematode infested chilli field and implementing management practices



Scientist visit to monitor pest and diseases in lime



Name of farmer: Pundlik Pujari

Address: Teggehalli

Age: 35

Education: PUC

Size of land holding (in acre): 14.9 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	2	8	40400	26400
Field Crop 2	Cotton	1	7	27020	18520
Field Crop 3	Sugarcane	4	1000	180000	108000
Field Crop 4	Maize	2	32	43680	29680
Hort. Crop 1	Lime	2	120	144000	94000
Hort. Crop 2	Fallow	3	-	-	-
Livestock 1	Cattle (jersey)	2	2520	75600	66000
<b>Total</b>				<b>510700</b>	<b>342600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R)	2	12	72000	58000	50.00	119.69
Field Crop 2	Cotton	1	10	55150	44150	42.85	138.39
Field Crop 3	Sugarcane	4	1600	352000	280000	60.00	159.25
Field Crop 4	Maize	2	44	81400	61400	37.50	106.90
Hort. Crop 1	Lime	2	200	320000	260000	66.67	176.59
Hort. Crop 2	Onion (Bhima super)	3	300	480000	360000	>100	>100
Livestock 1	Cattle (jersey)	3	3900	195000	171000	3.17	159.09
<b>Total</b>				<b>1555550</b>	<b>1234550</b>		<b>260.35</b>

**Brief:** The farmer used to get annual net income of Rs. **342600** from redgram, cotton, sugarcane, maize, lime and onion etc. He faced problems like low yield, pest and diseases, micro nutrient deficiency in lime etc. With DFI interventions like **management of twisting disease in onion, introduction of season specific high yielding variety Bhima super of onion, IPDM in lime, method demonstrations and field visits** etc., he is getting annual income of Rs **1234550** with **260.35%** increase in income over base year. In addition, there is cost saving of Rs. **20900** in the production of above crops.



Name of farmer: Rajkumar Basanna Moratagi

Address: Navadagi, Sindagi taluk



Age: 35

Education: 7<sup>th</sup>

Size of land holding (in acre): 15 acre

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (K)	3	12	60600	39600
Field Crop 2	Sugarcane	8	2000	360000	216000
Hort. Crop 1	Lime	1	65	78000	53000
Hort. Crop 2	Chilli (Green)	1	90	72000	25000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
<b>Total</b>				<b>746740</b>	<b>3,82,600</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton	2	20	110300	88300	>100	>100
Field Crop 2	Sugarcane	8	3200	704000	560000	60.00	159.25
Hort. Crop 1	Lime	1	100	180000	150000	53.84	183.0
Hort. Crop 2	Chilli (Green)	3	348	348000	198000	28.89	692
Livestock 1	Cattle (jersey)	3	3900	195000	171000	3.17	248.98
Livestock 2	Goat farming	04	01	18000	12000	>100	>100
<b>Total</b>				<b>1555300</b>	<b>1179300</b>		<b>208.23</b>

**Brief:** The farmer used to get annual net income of Rs. **3,82,600** from cotton, sugarcane, lime, chilli etc. He faced problems like PBW in cotton, murda complex in chilli, poor flowering in lime etc. With DFI interventions like **integrated management of chili murda complex, PBW management in cotton, demonstrations, trainings, field visits** etc., he is getting annual net income of Rs **1179300** with **208.23% increase in income over base year**. In addition, there is cost saving of Rs. **14,800** in the production of above crops.



FLD on integrated management of chilli murda



Control of sucking pests in chilli



Name of farmer: Ningappa Hukumanal

Address: Bargudi

Age: 35

Education: BA

Size of land holding (in acre): 4.5 Acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1	250	45000	27000
Field Crop 2	Fallow	1	-	-	-
Hort. Crop 1	Chilli (Green)	1	100	70000	22500
Hort. Crop 2	Tomato	1.5	360	396000	350000
Livestock 1	Goat farming	06	04	22000	14800
<b>Total</b>				<b>533000</b>	<b>414300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1	400	92000	72000	60.00	166.70
Hort. Crop 1	Chilli (Green)	2	240	240000	130000	20.00	477.80
Hort. Crop 2	Tomato (arka samrat)	1.5	400	600000	560000	11.1	60.00
Livestock 1	Goat farming	25	20	140000	100000	400.00	575.70
Livestock 2							
<b>Total</b>				<b>1072000</b>	<b>862000</b>		<b>108.06</b>

**Brief:** The farmer used to get annual net income of Rs. **414300** from sugarcane, tomato and chilli. He faced problems like chilli murda complex, sugarcane root grub, poor knowledge etc. With DFI interventions like training on **scientific goat farming, field visits, demonstration on integrated management of chilli murda complex, introduction of tomato variety arka samrat** etc., he is getting annual income of Rs **862000** with **108.06% increase in income over base year**. In addition, there is cost saving of Rs. **4500** in the production of above crops.



Scientist visit to monitor chilli murda complex disease



Demonstration on installation of sticky traps to attract



**Name of farmer:** Jayavanth Pitambar Jadhav

**Address:** Bhairungi

**Age:** 60

**Education:** BA, B.Ed

**Size of land holding (in acre):** 7 acre

1) I

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal) (Kharif)	2	8	40400	28000
Field Crop 2	Sugarcane	4	1000	180000	108000
Field Crop 3	Sorghum (Rabi)	2	6	12000	9500
Hort. Crop 1	Pomegranate	1	40	160000	100000
<b>Total</b>				<b>392400</b>	<b>245500</b>

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R) (Kharif)	2	14	84000	68000	75.00	142.85
Field Crop 2	Sugarcane	4	1600	352000	280000	60.00	159.25
Field Crop 3	Wheat (Rabi) (UAS-304)	2	28	55300	49300	>100	>100
Hort. Crop 1	Pomegranate	1	60	324000	264000	50.00	164.00
Livestock 1	Dairy farming (HF and Jersey cross)	3	6000	180000	108000	>100	>100
<b>Total</b>				<b>995300</b>	<b>769300</b>		<b>213.36</b>

**Brief:** The farmer used to get annual net income of Rs. 245500 from redgram, sugarcane and pomegranate. He faced problems like pest and diseases, low yield, poor knowledge etc. With DFI interventions like **training on dairy farming, field visits, demonstrations on IPDM in pomegranate, SMV and pod fly management in redgram and introduction of wheat variety UAS-304** he is getting annual net income of Rs 769300 with 213.36% increase in income over base year. In addition, there is cost saving of Rs. 14600 in the production of above crops.



Scientist visits to redgram field to suggest INM



Scientist visit to monitor pest management



**Name of farmer: Peerappa Gurappa Chimmalagi**

**Address: Uchitnavadagi**

**Age: 52**

**Education: 5<sup>th</sup>**

**Size of land holding (in acre): 3 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize ( <i>Kharif</i> )	1	16	21840	14840
Field Crop 2	-	-	-	-	-
Hort. Crop 1	Chilli (Green)	1	90	72000	29000
Hort. Crop 2	Onion (Panchganga)	1	50	55000	30000
Livestock 1	Goat farming	02	02	25000	15000
<b>Total</b>				<b>173840</b>	<b>88840</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize ( <i>Kharif</i> )	1	22	40700	30700	37.50	106.90
Field Crop 2	Chickpea- BGD-111-1 ( <i>Rabi</i> )	1	8	40800	33800	>100	>100
Hort. Crop 1	Chilli (Green)	1	116	127600	81600	28.89	181.40
Hort. Crop 2	Onion (Bhima Shakti)	1	90	144000	104000	80.00	246.7
Livestock 1	Goat farming	04	04	72000	48000	100	220
<b>Total</b>				<b>425100</b>	<b>298100</b>		<b>235.55</b>

**Brief:** The farmer used to get annual net income of Rs. **88840** from maize, chilli, onion and goatery. He faced problems like lack of knowledge, FAW in maize, chilli murda complex, low yield etc. With DFI interventions like **demonstrations on integrated management of FAW, integrated management of chilli murda complex**, introduction of new chickpea high yielding variety BGD-111-1 and introduction of onion variety bhima shakti he is getting annual net income of Rs **298100** with **235.55%** increase in income over base year.. In addition, there is cost saving of Rs. **5000** in the production of above crops.



Demonstration on installation of FAW specific sleeve traps



Scientist visit to maize field



**Name of farmer:** Revannasidda Tippanna Bidari

**Address:** Bhairungi

**Age:** 25

**Education:** 10<sup>th</sup>

**Size of land holding (in acre):** 3 acre

1)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram ( <i>Kharif</i> )	1	5	25250	19250
Field Crop 2	Chickpea-Annigeri ( <i>Rabi</i> )	1	4	16000	10500
Hort. Crop 1	Lime	1	65	78000	53000
Hort. Crop 2	Ridge gourd	1	35	70000	58000
Livestock 1	Goat farming	06	03	16500	11100
<b>Total</b>		<b>3 acre/ 6 No</b>	<b>109 Q/ 3 No.</b>	<b>205750</b>	<b>151850</b>

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram ( <i>Kharif</i> )	1	7	42000	35000	40.00	81.80
Field Crop 2	Chickpea – NBeG 47, ( <i>Rabi</i> )	1	7	35700	29200	75.00	178.10
Hort. Crop 1	Lime	1	100	180000	150000	53.84	183.0
Hort. Crop 2	Chilli –Arka kyathi (Green)	1	116	110000	67000	>100	>100
Livestock 1	Goat farming	15	10	70000	50000	233.34	350.45
<b>Total</b>		<b>3 acre/ 15 No</b>	<b>230 Q/ 10 No.</b>	<b>437700</b>	<b>331200</b>		<b>118.11</b>

**Brief:** The farmer used to get annual net income of **Rs. 151850** from redgram, chickpea, ridge gourd and lime. He faced problems like low yield due to poor varieties, citrus canker, wilt etc. With DFI interventions like **demonstrations on INM in redgram by using pulse magic, introduction of high yielding chickpea varieties NBeG 47, BGD-103, JG-11, introduction of new chilli hybrid Arka kyathi, training on goat farming and field visits** he is getting annual net income of **Rs 331200 with 118.11% increase in income over base year..** In addition, there is cost saving of **Rs. 4000** in the production of above crops due to reduction in use of chemicals.



On farm testing on chickpea varieties



scientist visit to lime orchard to suggest



Name of farmer: Ramesh Gurubal Maradi

Address: Hirerugi

Age: 28

Education: PUC

Size of land holding (in acre): 30

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	12.00	48	242400	168000
Hort. Crop 1	Pomegranate (Kesar)	12.00	480	1680000	960000
Hort. Crop 2	Grape (TS)	4.00	80	1200000	800000
Hort. Crop 3	Lime (Kagzi)	2.00	120	144000	100000
Total		30.00		<b>3266400</b>	<b>2028000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	12.00	84	504000	408000	75.00	142.85
Hort. Crop 1	Pomegranate (Kesar)	12.00	720	3000000	2000000	50.00	108.33
Hort. Crop 2	Grape (TS)	4.00	140	2520000	2120000	75.00	165.00
Hort. Crop 3	Lime (Kagzi)	2.00	160	240000	190000	33.33	90.00
Other enterprise (Specify)	Vermicomposting (3x3x15ft)	05	50	-	-	>100	>100
Total		30.00		<b>6264000</b>	<b>4718000</b>		<b>132.64</b>

**Brief:** The farmer used to get annual income of Rs. 20,28,000 from Pigeon pea, Pomegranate, Grape, Lime etc. He faced problems like Wilt, Anthracnose, Nematode galls, mummification, etc. With DFI interventions like Foliar application of grape special, IPDM in pomegranate, use of AMC and bioagents, etc., he is getting annual income of Rs 47,18,000 **with 132.64% increase in income over base year**. In addition, there is cost saving of Rs. 64,000/- (Use of Vermicompost and bioagents) in the production of crop viz., Pigeon pea, Pomegranate, Grape, Lime.



Grape orchard visit After DFI Intervention



Pomegranate field day after DFI Intervention

**Effect of DFI intervention**

Name of KVK: Vijayapura-II

Name of farmer: Rajkumar Kallangouda Patil

Address: Shignapur

Age: 27

Education: PUC

Size of land holding (in acre): 5.00



**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Grape (TS)	5.00	100	15,00,000	12,06,000
Total				<b>15,00,000</b>	<b>12,06,000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Grape (TS)	5.00	215	35,00,000	32,30,000	115	167.83
Other enterprise (Specify)	In-situ green manuring	5.0	50	-	-	>100	>100
Other enterprise (Specify)	Vermicomposting (3x3x15ft)	04	40	-	-	>100	>100
Total				<b>35,00,000</b>	<b>32,30,000</b>		<b>167.83</b>

**Brief:** The farmer used to get annual income of Rs. **12,06,000/-** from **grape**. He faced problems like Stem borer infestation, PM, DM, Mummification, etc. With DFI interventions like **Foliar application of grape special IPM and IDM and use of green manures** etc., he is getting annual income of Rs. **32,30,000/-** with **167.83% increase in income over base year.** In addition, there is cost saving of Rs. **35,000 /-**(use of green manures and vermicompost) in the production of **Grape**.



Farmer interaction with KVK Scientist



Grape orchard after foliar application of grape special and stem borer management



**Effect of DFI intervention**  
**Name of farmer: Mutturaj Vitoba Benur**  
**Address: Hirerugi**  
**Age:28**  
**Education: BE (Electrical & Electronics)**  
**Size of land holding (in acre): 6.00**

**Name of KVK: Vijayapura-II**

**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2.00	08	40,400	28,000
Hort. Crop 1	Pomegranate (Kesar)	2.00	80	6,00,000	4,80,000
Hort. Crop 2	Lime (Kagzi)	2.00	120	1,44,000	1,00,000
<b>Total</b>				<b>7,84,400</b>	<b>6,08,000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	product ion	Income
Field Crop 1	Pigeon pea (TS-3R)	2.00	14	84000	68,000	75.00	142.85
Hort. Crop 1	Pomegranate (Kesar)	2.00	120	9,00,000	7,90,000	50.00	64.60
Hort. Crop 2	Lime (Kagzi)	2.00	175	3,50,000	2,90,000	45.83	190.0
Livestock 1	Goatary	40	40	2,80,000	2,00,000	>100	>100
<b>Total</b>		<b>6.00</b>		<b>15,74,000</b>	<b>13,48,000</b>		<b>121.71</b>

**Brief:** The farmer used to get annual income of Rs. 6,08,000/- from Pigeon pea, Pomegranate, Lime etc. He faced problems like Dry root rot, BLB, Micronutrient deficiency, etc. With DFI interventions like Bahar and micro nutrient management in lime, IPDM in pigeon pea and advisory on goat farming he is getting annual income of Rs 13,48,000/- **with 121.71% increase in income over base year.** In addition, there is cost saving of Rs 24,000/- in the production of Pigeon pea, Pomegranate and lime.



Field day on Bahar and Micronutrient management in Acid lime

Lime orchard after intervention

Name of farmer: Shivakumar Lakshman Bhosle

Address: Batagunike

Age: 41

Education: Secondary school

Size of land holding (in acre): 8.0



## 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Red gram (K) Gulyal	3 acre	12	60,600	41,600
Field Crop 2	Sugarcane	3 acre	900	1,89,000	1,39,000
Hort. Crop 1	Pomegranate (Kesar)	2 acre	80	6,00,000	4,80,000
Livestock 1	Goat	02	02	11,000	7,400
Total				<b>7,59,600</b>	<b>6,68,000</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Red gram (TS-3R)	2 acre	14	84,000	70,000	16.7	68.3
Field Crop 2	Sugarcane	3 acre	1200	2,76,000	2,16,000	33.3	55.4
Hort. Crop 1	Pomegranate	2 acre	120	10,20,000	8,80,000	50.0	83.3
Hort. Crop 2	Brinjal (MAHYCO 4)	1acre	200	5,00,000	4,50,000	>100	>100
Livestock 1	Goat	02	02	14,000	21,000		35.14
Total				<b>20,54,000</b>	<b>16,37,000</b>		<b>145.06</b>

**Brief:** The farmer used to get annual income of Rs. **6,68,000** from Pigeon pea, Sugarcane, Pomegranate, etc. He faced problems like dry root rot, Bacterial blight (BLB), etc. With DFI interventions like **Demonstration of Pigeon pea variety and pulse magic, IPDM in pomegranate and advisory on ICM in Brinjal** etc., he is getting annual income of Rs **16,37,000/-** with **145.06%** increase in income over base year. In addition, there is cost saving of Rs. **24,500/-** (use of organic manures, ICM practices) in the production of Pigeon pea, Sugarcane, Pomegranate and Brinjal.



KVK scientist visit to Farmer field during Intervention



Crop diversification with Brinjal

## Effect of DFI intervention

Name of KVK: Vijayapura-II



Name of farmer: Mallikarjun Nagappa Bidari

Address: Bhairunagi

Age:46

Education: 10<sup>TH</sup>

Size of land holding (in acre):2.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Wheat (R)	1.0	9	14,625	5,000
Field Crop 2	Pigeon pea (Gulyal)	1.0	5	25,000	20,000
Hort. Crop 1	Lime	0.75	50	60,000	45,000
Livestock 1	Dairy (desi breed)	04 (2 lactating)	2800	70000	55,000
<b>Total</b>				<b>1,69,625</b>	<b>1,25,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Wheat (R)	1.0	15	29,625	17,125	66.67	242.5
Field Crop 2	Pigeon pea (K) TS-3R	1.0	8	48,000	40,000	60.00	100.00
Hort. Crop 1	Lime (Kagzi)	0.75	65	1,10,500	90,500	30.00	101.11
Hort. Crop 2	Green Chilli (K) Arka Khyati	1.0	112	1,12,000	62,000	>100	>100
Livestock 1	Dairy ( HFX Cows)	04 (2 lactating)	3440	1,03,200	61,920	22.86	12.58
<b>Total</b>				<b>4,03,325</b>	<b>2,71,545</b>		<b>117.24</b>

**Brief:** The farmer used to get annual income of Rs. 1,25,000/- from Wheat, Pigeon pea, Lime. He faced problems like low yield in lime and pigeon pea etc. With DFI interventions like **Bahar and micro nutrient management in lime and advisory on crop diversification with chili** he is getting annual income of **Rs.2,71,545/- with 117.24% increase in income over base year..** In addition, there is cost saving of **Rs 20,000/- (use of FYM, reduction in seed cost etc.)** in the production of wheat, Pigeon pea, Lime and livestock .



After DFI Intervention



Field day after DFI Intervention

**Effect of DFI intervention**

**Name of KVK: Vijayapura-II**

**Name of farmer: Bhimaraya G Chimmlagi**

**Address: Navadagi**

**Age: 47**

**Education: 10<sup>th</sup>**

**Size of land holding (in acre): 03**



**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0	300	54,000	37,000
Hort. Crop 1	Lime	1.0	60	72,000	50,000
Hort. Crop 2	Onion	1.0	50	55,000	30,000
Total				<b>1,81,000</b>	<b>1,17,000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1acre	400	92,000	72,000	33.33	94.6
Hort. Crop 1	Lime	1 acre	80	1,44,000	1,20,000	33.33	140.0
Hort. Crop 2	Onion	1acre	100	160,000	1,20,000	100.00	300
Livestock 1	Dairy ( HFX Cows)	02	1720(1 lactating)	51,600	30,960	>100	>100
Other enterprise (Specify)	Composting	1.0	-			-	-
Total				<b>4,47,600</b>	<b>3,42,960</b>		<b>193.13</b>

**Brief:** The farmer used to get annual income of Rs. 1,17,000/-from Sugarcane, Lime, Onion etc. He faced problems like micro nutrient deficiency, in lime and low yielding varieties of onion etc. With DFI interventions like **Demonstration of Bahar and micronutrient management in lime and introduction of season specific high yielding variety Bhima Shakti of onion, advisory on use of waste decomposer etc.** he is getting annual income of Rs 3,42,960/- with 193.13% increase in income over base year. In addition, there is cost saving of Rs. 18,000/- (use of FYM, compost and reduction in seed cost of onion) in the production of sugarcane, lime and onion.



Scientists visit to Lime orchard during Intervention



Harvesting of Bhima Shakti onion



Effect of DFI intervention      Name of KVK: Vijayapura-II  
 Name of farmer: Vijayakumar Kallappa Talavar  
 Address: Mulsavalagi  
 Age:40  
 Education: BA  
 Size of land holding (in acre):5.5

**1) Before Intervention**

Component Description		Benchmark (Baseline period (2016-17))			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Grape	2.0	40	600000	450000
Hort. Crop 2	Lime	1.5	100	110000	80000
Other	Sericulture	2.0	02	180000	150000
<b>Total</b>		<b>5.5</b>		<b>890000</b>	<b>680000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Pigeon pea	2.0	14	84000	68000		
Hort. Crop 1	Grape	2.0	70	1400000	1200000	75.0	166
Hort. Crop 2	Lime	1.5	130	169000	124000	30.0	55
Others	Vermicomposting (3x3x15ft)	5.0	50	-	-	>100	-
Others	In-situ green manuring	2.0	30	-	-	>100	-
<b>Total</b>		<b>5.5</b>		<b>16,53,000</b>	<b>13,92,000</b>		<b>104.71</b>

**Brief:** The farmer used to get annual income of Rs. 680000/- from Grape, Lime and Sericulture. He faced problems like low yield in lime and grape etc. With DFI interventions **like training and demonstration on Bahar and micro nutrient management in lime and IDPM in Grape etc.**, he is getting annual income of Rs.13,92,000/- with **104.71% increase in income over base year.** In addition, there is cost saving of Rs. **30,000/- (use of vermicompost, bioagents and in-situ green manuring)** in the production of Lime and Grape.



Demonstration on enrichment of FYM with bio agents



Scientists visit to grape orchard



Name of farmer: Madivalappa Ningappa Biradar

Address: Navadagi

Age: 52

Education: Illiterate

Size of land holding (in acre): 11.8

## 1) Before Intervention

Component Description <sup>3542</sup>		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.8	840	1,51,200	1,03,600
Field Crop 2	Pigeon pea (Gulyal)	5.0	25	1,25,000	85,000
Hort. Crop 1	Lime (Kagzi)	2.0	100	1,60,000	1,00,000
Hort. Crop 2	Onion (R)-Poona Fursungi	2.0	100	1,00,000	60,000
<b>Total</b>		<b>11.8</b>		<b>5,36,200</b>	<b>3,48,600</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	sugarcane	2.8	1120	2,57,600	2,01,600	33.3	94.6
Field Crop 2	Pigeon pea (TS-3R)	5.0	40	2,40,000	2,00,000	60.0	135.3
Hort. Crop 1	Lime (Kagzi)	2.0	140	2,80,000	2,20,000	40.0	120.0
Hort. Crop 2	Onion (R)-Bhima Shakti	2.0	200	3,20,000	2,60,000	100.0	333.3
Livestock 1	Dairy farming (cross breed)	10	6900 (4 Lactating)	2,35,000	1,75,000	>100	>100
Others	Composting	2.8					
<b>Total</b>		<b>11.8</b>		<b>13,32,600</b>	<b>10,56,600</b>		<b>203.10</b>

**Brief:** The farmer used to get annual income of Rs. 3,48,600/- from Sugarcane, Pigeon pea, Lime and onion. He faced problems like low yield in lime, onion and pigeon pea etc. With DFI interventions like **Bahar and micro nutrient management in lime and introduction of high yielding variety of onion (Bhima Shakti), IPDM in pigeon pea and advisory on use of waste decomposer etc.**, he is getting annual income of Rs. 10,56,600/- with 203.10% increase in income over base year. In addition, there is cost saving of Rs. 11,000 (use of FYM, compost and reduction in seed cost) in the production of Sugarcane, Pigeon pea, Lime and onion.



Demonstration of Bhima Shakti Onion



Grading and sorting of onion bulbs (Bhima Shakti)



**Name of farmer:** Tippanna Nagappa Bidari

**Address:** Bhairunagi

**Age:** 50

**Education:** Illiterate

**Size of land holding (in acre):** 2.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Wheat (R)	1.0	9	14,625	7,625
Field Crop 2	Pigeon pea (Gulyal)	1.0	4	20,200	14,000
Hort. Crop 1	Lime	0.75	40	64,000	49,000
Livestock 1	Dairy farming (buffalo)	05 (2 lactating)	2800	84000	59000
Livestock 2	Goatary	02	02	11,000	7,400
<b>Total</b>				<b>1,93,825</b>	<b>1,37,025</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Wheat (R)	1.0	13	25,675	13,675	44.4	79.3
Field Crop 2	Pigeon pea (K)-TS-3R	1.0	8	48,000	40,000	100.0	185.7
Hort. Crop 1	Lime	0.75	68	1,36,000	1,20,000	70.0	144.9
Hort. Crop 2	Green Chilli (K) Arka	1.0	125	1,87,500	1,37,500	>100	>100
Livestock 1	Dairy farming (cross breed)	05 (3 lactating)	6000	1,75,000	1,00,000	114.3	69.5
Livestock 2	Goatary	10	05	35000	25,000	>100	>100
<b>Total</b>				<b>6,07,175</b>	<b>4,36,175</b>		<b>218.32</b>

**Brief:** The farmer used to get annual income of Rs. 1,48,800/- from Wheat, Pigeon pea, Lime. He faced problems like low yield in lime and pigeon pea etc. With DFI interventions like Bahar and micro nutrient management in lime, introduction of high yielding variety of wheat and advisory on crop diversification with chilli (Arka Khyati) and dairy farming etc., he is getting annual income of Rs. 3,66,675/- **with 218.32% increase in income over base year**. In addition, there is cost saving of Rs. 11,000 (use of micro nutrients and bioagents) in the production of wheat, Pigeon pea, Lime and livestock.



Lime crop Before DFI Intervention



Lime Field day after Intervention



Name of farmer : Malakanna Biradar  
 Address : Navadagi  
 Age : 27  
 Education : B.Com  
 Size of land holding (in acre): 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	sugarcane	1.0	300	54,000	37,000
Field Crop 2	Pigeon pea (Gulyal)	2.0	8	40,400	28,000
Hort. Crop 1	Lime (Kagzi)	1.0	50	55,000	35,000
Hort. Crop 2	Green Chilli (Agni jwala)	1.0	116	1,39,200	89,200
Livestock 1	Buffalo	1	-	-	-
Total				<b>2,88,600</b>	<b>1,89,200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	sugarcane	1.0	400	92,000	72,000	33.3	94.6
Field Crop 2	Pigeon pea (TS-3R)	2.0	14	84,000	70,000	75.0	150.0
Hort. Crop 1	Lime (Kagzi)	1.0	80	1,28,000	1,00,000	60.0	185.7
Hort. Crop 2	Green Chilli (Arka Khyati)	1.0	135	2,16,000	1,66,000	16.4	86.1
Livestock 1	Dairy farming (Buffalo)	02	1260(1 lactating)	44,100	34,100	>100	>100
Other	Composting	1.0		-	-	>100	-
Total				<b>5,64,100</b>	<b>4,42,100</b>		<b>133.67</b>

**Brief:** The farmer used to get annual income of Rs. 1,89,200/- from Pigeon pea, Sugarcane, chilli etc. He faced problems like dry root rot, chilli leaf curl, etc. With DFI interventions like Demonstration of chilli Hybrid "Arka Khyati, IPDM in chilli and advisory on use of waste decomposer etc., he is getting annual income of Rs 4,42,100/- with **133.67% increase in income over base year..** In addition, there is cost saving of Rs. 16,000 /- (use of FYM, compost bio agents and reduction in no of pesticide spray) in the production of Pigeon pea, Sugarcane and chilli.



Chilli field day after DFI



Chilli (Arka Khyati) at fruiting stage



Name of farmer: Shivraj B Paragond

Address: Salotagi

Age:36

Education: B Tech., M.S.

Size of land holding (in acre): 8.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2017-18))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1					
Hort. Crop 1	5 layer fruit model	8.0	103	10,60,350	9,66,850/-
Total				10,60,350	9,66,850/-

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1							
Hort. Crop 1	5 layer fruit model	8.0	176	25,00,000	23,00,000		137.89
Total				25,00,000	23,00,000		137.89

**Brief:** The farmer used to get annual income of Rs **9,66,850/-** from 5 layer fruit model (Guava, lime, vegetable crops, millets, drumstick, pigeon pea) . He faced problems like low soil fertility pest and disease and low market rate etc. With DFI interventions **like processing and value addition of millets, pigeon pea and consultancy** etc., he is getting annual income of Rs. **23,00,000/-** with **137.89% increase in income over base year.** In addition, there is cost saving of Rs. **60,000** in the production of wheat, Pigeon pea, Lime and livestock .



Five layer fruit model

Name of farmer: Mallamma Navi

Address: Inchigeri

Age:36

Education: SSLC

Size of land holding (in acre): 21.50

1)

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	10	40	2,02,000	1,40,000
Field Crop 2	Groundnut	3	30	1,26,600	79,920
Field Crop 3	Millets	5	12.5	70,000	60,000
Hort. Crop 1	Tomato	1.5	360	3,96,000	3,50,000
Hort. Crop 2	Ridge gourd	1	35	70,000	55,000
Hort. Crop 3	marigold	1	320	80,000	55,000
Livestock 1	Ox	02	02	30,000	20,000
Total				<b>9,74,600</b>	<b>7,59,920</b>

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
	Pigeon pea	10	80	4,80,000	4,00,000	33.33	80.39
Field Crop 2	Groundnut	3	42	2,21,550	176,550	20.00	73.33
Field Crop 3	Millets	5	15	1,20,000	1,00,000	20.00	23.00
Hort. Crop 1	Tomato	1.5	400	4,80,000	4,40,000	11.11	25.71
Hort. Crop 2	Ridge gourd	1	40	1,00,000	80,000	14.29	37.93
Hort. Crop 3	Marigold	1	400	1,60,000	1,25,000	25.00	127.27
Hort. Crop 4	Ajwain	1	4.20	63,000	53,000	>100.00	>100
Livestock 1	Ox	02	02	50,000	45,000		125
Livestock 2	Goat	25	25	1,75,000	1,25,000		>100
Others	Vermicompost (3*3*15ft)		5.0	50	-	-	-
<b>Total</b>				<b>18,49,550</b>	<b>15,44,550</b>		<b>103.25</b>

**Brief:** The farmer used to get annual income of Rs. 759920/- from Pigeon pea, Tomato, Groundnut cucurbits etc. He faced problems like low yield due to local / private varieties etc. With DFI interventions like **introduction of high yielding hybrid of Tomato (Arka Samrat), Ridge gourd variety Arka Prasanna, Ajwain (AA-1) and consultancy** etc., he is getting annual income of Rs. 1544550/- with 103.25% increase in income over base year.. In addition, there is cost saving of Rs. 25,000 (reduction in seed cost, no. of pesticide spray, use of vermicompost and FYM) in the production of Pigeon pea, tomato, ridge gourd and livestock.





Name of farmer: Santhosh Pawar

Address: Batagunike

Age:34

Education: 9<sup>th</sup>

Size of land holding (in acre): 09

## 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	5	1500	2,70,000	1,85,000
Hort. Crop 1	Pomegranate	2	100	5,00,000	4,00,000
Hort. Crop 2	Onion seed production	2	4.0	2,00,000	1,70,000
Livestock 1	Cattle (jersey)	2	1830	45750	27450
Total		<b>09</b>		<b>10,15,750</b>	<b>7,82,450</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	5	2500	4,60,000	3,60,000	66.7	94.6
Hort. Crop 1	Pomegranate	2	150	12,75,000	11,35,000	50.0	183.8
Hort. Crop 2	Onion seed production	2	4.8	5,76,000	5,36,000	20.0	215.3
Livestock 1	Cattle (jersey)	3	4117(3Lactatin	1,23,510	74,106	125.0	170.0
	Vermicompost	06	60	-	-	>100	>100
<b>Total</b>		<b>09</b>		<b>24,34,510</b>	<b>21,05,106</b>		<b>169.04</b>

**Brief:** The farmer used to get annual income of Rs. 7,82,450/-from Sugarcane, Pomegranate and onion seed production. He faced problems like pomegranate BLB, Alternaria fruit rot, fruit sucking moth, poor seed setting in onion etc. With DFI interventions like **IPDM in pomegranate and advisory and training on onion ICM and seed production etc.**, he is getting annual income of Rs. **21,05,106/- with 169.04% increase in income over base year.** In addition, there is cost saving of Rs. 43,000 (use of solar trap and vermicompost etc) in the production of pomegranate, sugarcane and onion seed production.



Scientists visit to Pomegranate orchard visit



Onion field after



Name of farmer: Jagannath Vishwanath Patil

Address: Dhoolkhed

Age:30

Education: M.Com

Size of land holding (in acre):3.50

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	3.0	12	60600	42000
Field Crop 2	Chick pea (R)	0.50	2.5	18000	15000
Livestock 1	Goat	02	02	11,000	7400
<b>Total</b>				<b>89,600</b>	<b>64,400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Watermelon (Sugar queen)	1.5	280	1,40,000	85,000	>100	>100
Hort. Crop 2	Green Chilli (Arka Khyati)	2.0	360	5,40,000	3,60,000	>100	>100
Livestock 1	Goat	04	02	28,000	20,000	100	170.27
<b>Total</b>				<b>7,08,000</b>	<b>4,65,000</b>		<b>622.05</b>

**Brief:** The farmer used to get annual income of Rs. **64,400** /-from Pigeon pea, chickpea . He faced problems like low yield in lime and pigeon pea etc. With DFI interventions like advisory on crop diversity and training on integrated production practices **of water melon and chilli** etc., he is getting annual income of Rs. **4,65,000/-** with **622.05% increase in income over base year**. In addition, there is cost saving of Rs. **25,000** in the production **water melon chilli** and livestock .



Harvesting of watermelon



Field day after DFI Intervention



Name of farmer: Mallu Gudla

Address: Indi

Age: 39

Education: MA Bed

Size of land holding (in acre): 07

## 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2.0	10	50500	37,500
Field Crop 2	Jawar (R)	2.0	6.5	10725	4725
Hort. Crop 1	Vegetable crops (Bhendi, dolichus, cucumber, ridge gourd and leafy vegetables )	1.5	100	2,16,000	1,30,000
Hort. Crop 2	Lime (Kagzi)	1.5	New crop	-	-
Livestock 1	Dairy farming (Buffalo)	2 lactating	1372	38416	24696
Total		<b>7.0</b>		<b>315641</b>	<b>1,96,921</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Pigeon pea (TS-3R)	2.0	15	90,000	74,000	50	97.30
Field Crop 2	Jawar (R)	1.0	4	10560	5560	23.08	17.67
Field Crop 3	Maize +Foftail Millet	1.0	16(12+4)	42,000	34,000	>100	>100
Hort. Crop 1	Vegetable crops (Bhendi, dolichus, cucumber, ridge gourd and leafy vegetables )	1.5	170	3,24,000	2,00,000	70	53.84
Hort. Crop 2	Lime (Kagzi)	1.5	130	1,30,000	1,00,000	-18.1	19.19
Livestock 1	Dairy farming (cross breed)	03	3440	1,03,200	88200	2.94	24.38
Livestock 2	Goat	02	02	14,000	10,000	>100	>100
Others	Vermicomposting (3*3*15ft)	04	40	-	-	-	-
		<b>7.0</b>		<b>7,13,760</b>	<b>5,11,760</b>		<b>159.88</b>

**Brief:** The farmer used to get net annual income of **Rs 2,32,225/-** from Pigeon pea, vegetables and Lime. He faced problems like poor yield in lime and pigeon pea etc. With DFI interventions like **advisory and training on Bahar and micro nutrient management in lime, high yielding hybrids of vegetables and IDPM in vegetable crops** etc., he is getting annual income of **Rs- 5,31,760 with 159.88% increase in income over base year..** In addition, there is cost saving of **Rs. 15000** (use of vermicompost ) in the production of Pigeon pea, vegetable crops, Lime and livestock.



Scientist visit to watermelon field



Name of farmer: Vittal Biradar  
 Address: Inchigeri  
 Age: 32  
 Education: PUC  
 Size of land holding (in acre): 6.0

### 1) Before intervention

Component Description		Benchmark (Baseline period (2016-17))			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sunflower	2.5	25	98,750	88,750
Field Crop 2	Sorghum	2.5	7.5	12,375	7,375
Hort. Crop 1	Tomato (K)-US440	1.0	120	60,000	35000
Total		6.0		1,71,125	1,31,125

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sunflower (K)	1.5	18	1,05,930	96,930	20	9.22
Field Crop 2	Sorghum (R)	1.5	6	15,840	9,840	33.33	33.42
Hort. Crop 1	Tomato (K)Arka Samrat	1.5	200	120000	80000	33.33	128.57
Hort. Crop 2	Grape (TS)	1.5	300	5,40,000	4,65,000	>100	>100
Total		6.0		7,81,770	6,51,770		397.06

**Brief:** The farmer used to get net annual income of **Rs. 1,31,125** /-from sunflower, sorghum and tomato. He faced problems like low yield in sunflower, sorghum and tomato etc. With DFI interventions like introduction of high yielding hybrid of tomato, IPM in grape and consultancy etc., he is getting annual income of **Rs. 6,51,770** /- with **397.06%** increase in income over base year.. In addition, there is cost saving of **Rs. 20000** in the production of tomato and grape.



ICM in Tomato



Field visit with farmers to Tomato (Arka Samrat) field

## Effect of DFI intervention

Name of KVK: Vijayapura-II



Name of farmer: Mallikarjun Biradar

Address: Navadagi

Age: 23

Education: Graduation

Size of land holding (in acre): 5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2.5	10	50500	35000
Field Crop 2	Sugarcane	1.5	450	81000	55000
Hort. Crop 1	Lime (Kagzi)	1.0	60	72000	52000
Hort. Crop 2					
<b>Total</b>		<b>5.0</b>		<b>2,03,500</b>	<b>1,42,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cotton (K)	2.0	20	116500	100000	100	214.28
Field Crop 2	Sugarcane	1.5	600	138000	108000	33.33	96.36
Hort. Crop 1	Lime (Kagzi)	1.0	100	130000	100000	66.66	92.30
Hort. Crop 2	Onion (R) Bhima Shakti	0.5	50	75000	60000	>100	>100
Others	Composting	1.5		-	-	-	-
<b>Total</b>		<b>5.0</b>		<b>4,59,500</b>	<b>3,68,000</b>		<b>159.15</b>

**Brief:** The farmer used to get net annual income of Rs 1,42,000/- from Pigeon pea Sugarcane, Lime. He faced problems like low yield in lime and pigeon pea etc. With DFI interventions like **Bahar and micro nutrient management in lime, advisory on crop diversity and introduction of high yielding variety of Onion and use of waste decomposer** etc., he is getting annual income of Rs. 3,68,000/- with **159.15% increase in income over base year...** In addition, there is cost saving of Rs. **20,000 (use of compost and micronutrient management)** in the production of Lime, onion and cotton.



Lime tree after DFI Intervention



Scientist visit to onion (Bhima Shakti) field

## Effect of DFI intervention

Name of KVK: Vijayapura-II



**Name of farmer:** Manjunath  
**Address:** Lalsangi  
**Age:** 28  
**Education:** Graduate  
**Size of land holding (in acre):** 18

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	12.0	3600	648000	444000
Field Crop 2	Pigeon pea (Gulyal)	1.0	4	20200	14000
Hort. Crop 1	Lime (Kagzi)	2.5	150	150000	100000
Hort. Crop 2	Onion (R) Poona Fursungi	2.5	170	136000	86000
<b>Total</b>		<b>18.0</b>		<b>954200</b>	<b>644000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	10.0	4000	920000	720000	11.11	62.16
Field Crop 2	Pigeon pea (TS-3R)	3.0	21	126000	102000	425	628.57
Hort. Crop 1	lime (Kagzi)	2.5	200	280000	220000	33.33	120
Hort. Crop 2	Onion (Bhima Shakti)	2.5	240	336000	261000	41.17	203.48
Others	Vermicomposting (3*3*15ft)	06	60	-	-	>100	-
<b>Total</b>		<b>18.0</b>		<b>1662000</b>	<b>1303000</b>		<b>102.33</b>

**Brief:** The farmer used to get net annual income of Rs. 644000 /-from Sugarcane, Pigeon pea, Lime. He faced problems like low yield in lime and pigeon pea, non availability of season specific high yielding varieties in onion etc. With DFI interventions like **advisory and training on Bahar and micro nutrient management in lime, high yielding variety of onion etc.**, he is getting annual income of Rs.13,03,000/- **with 102.33% increase in income over base year...** In addition, there is cost saving of Rs. 48,800 (reduction in seed cost and use of vermicompost) in the production of sugarcane, Lime and onion .



Farmer in lime orchard



onion variety Bhima Shakti



**Name of farmer: Ravuthraya**  
**Address: Nandral**  
**Age: 31**  
**Education: MBA**  
**Size of land holding (in acre):12.0**

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K) Gulyal	3.0	12	60600	42000
Field Crop 2	Sugarcane	4.0	1200	216000	146000
Field Crop 3	Wheat (R )	2.0	16	26000	16000
Hort. Crop 1	Lime (Kagzi)	1.0	60	66000	41000
Hort. Crop 2	Pomegranate (Kesar)	2.0	80	360000	240000
Livestock 1	Goat	07	07	38500	25900
<b>Total</b>		<b>12.0</b>		<b>7,67,100</b>	<b>5,10,900</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (TS-3R)	1.5	10	60000	48000	-16.7	14.28
Field Crop 2	Sugarcane	3.0	1200	276000	216000	0.00	47.95
Hort. Crop 1	Grape (TS)	3.0	90	1530000	1230000	>100	>100
Hort. Crop 2	Lime (Kagzi)	1.0	90	117000	87000	50	112.19
Hort. Crop 3	Pomegranate	3.5	260	1560000	1315000	185.36	447.91
Livestock 1	Goat	07	07	50000	35000	0.00	35.10
Livestock 2	Buffalo	01	-	-	-	>100	>100
<b>Total</b>		<b>12.0</b>		<b>35,93,000</b>	<b>29,31,000</b>		<b>473.69</b>

**Brief:** The farmer used to get net annual income of **Rs 5,10,900/-** from Wheat, Pigeon pea, Lime and pomegranate . He faced problems like low yield in lime ,pomegranate and pigeon pea etc. With DFI interventions like **Bahar and micro nutrient management in lime, IDMP in pomegranate and grape introduction of high yielding variety of wheat etc.**, he is getting net annual income of **Rs. 2931000/-** with **473.69% increase in income over base year**. In addition, there is cost saving of **Rs. 35,150 (use of organic manures and need based pesticide spray)** in the production of wheat, Pigeon pea, Lime, pomegranate and livestock .



Scientists visit to grape orchard



scientists visit to wheat plot



Name of farmer: saifan Nadaf  
 Address: manankalagi  
 Age:35  
 Education: Illiterate  
 Size of land holding (in acre):3.5

1)

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	1.5	6	30300	24000
Field Crop 2	Ground nut	1.0	12	50640	38590
Field Crop 3	Maize	1.0	16	21840	14640
Livestock 1	Dairy farming (local)	03	2600 (2 lactating)	78000	63000
Total				<b>1,80,780</b>	<b>1,40,230</b>

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea	1.5	11	66000	54000	83.33	125
Field Crop 2	Ground nut	1.0	14	73850	58800	16.70	52.40
Hort. Crop 1	Onion (K)	1.0	100	150000	120000	>100	>100
Livestock 1	Dairy farming (Buffalo)	03	1700 (1 lactating)	59500	44000	-34.62	-30.16
Livestock 2	Goat	08	8	56000	40000	>100	>100
Total				<b>3, 95,350</b>	<b>3,16,800</b>		<b>125.91</b>

**Brief:** The farmer used to get annual income of Rs.-140230 /-from Pigeon pea, Groundnut, maize. He faced problems like low yield in pigeon pea and groundnut etc. With DFI interventions like **IPDM in pigeon pea, Advisory on crop diversity , goat farming and introduction of high yielding variety of onion (Bhima Super), groundnut** etc., he is getting annual income of Rs. 316800/- with 125.91% increase in income over base year.. In addition, there is cost saving of Rs. 22,600/- (reduction in seed cost and use of goat manure) in the production of Groundnut, Pigeon pea and onion.



Scientists visit to pigeon pea field



onion var. Bhima Super



Name of farmer: Anil Shivaputra Talavar

Address: Mulsavalagi

Age:38

Education: PUC

Size of land holding (in acre):12

## 1) Before intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K) Gulyal	8.0	32	161600	112000
Field Crop 2	Wheat (R)	2.0	16	26,000	10000
Hort. Crop 1	Onion (K) Punchaganga sardar	0.5	30	30000	20000
Hort. Crop 2	Lime (Kagzi)	1.5	90	90000	65000
Total				<b>3,07,600</b>	<b>2,07,000</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Pigeon pea (TS-3R)	8.0	56	336000	272000	75.0	142.9
Field Crop 2	Wheat (R)	2.0	24	47400	22400	50.0	124.0
Hort. Crop 1	Onion (K) Bhima Super	0.5	40	64000	50000	33.3	150.0
Hort. Crop 2	Lime	1.5	130	130000	100000	44.4	53.8
<b>Total</b>				<b>5,77,400</b>	<b>4,44,400</b>		<b>114.69</b>

**Brief:** The farmer used to get annual income of Rs. 207000/- from Pigeon pea, Wheat, Onion and Lime. He faced problems like low yield in Pigeon pea, Wheat and Lime etc. With DFI interventions like **Bahar and micro nutrient management in lime, high yielding Varieties of onion, wheat and IDPM in Pigeon pea etc.**, he is getting annual income of Rs.444400/- with **114.69% increase in income over base year..** In addition, there is cost saving of Rs. **10000/-** in the production of Pigeon pea, Wheat Onion and Lime.



Scientists visit to wheat plot



Farmer interaction with KVK scientists



Name of farmer: Shantugouda Mallangouda Aski

Address: Hachyal

Age: 27

Education: 9<sup>th</sup>

Size of land holding (in acre): 4.10

### 1) Before intervention

Component Description		Benchmark (Baseline period (2016-17))			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (K)	2.0	32	43680	29680
Field crop 2	Chickpea (R)	2.0	10	40000	30000
Hort. Crop 1	Onion	2.10	140	168000	123000
Total				<b>248680</b>	<b>182680</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Maize (K)	2.0	44	81400	61400	37.5	106.9
Hort. Crop 1	Onion	2.10	170	272000	215750	21.40	75.40
Hort. Crop 2	Chilli (R)	2.0	200	200000	110000	>100	>100
Others	Nutri-garden	0.10		-	-	-	-
Total				<b>553400</b>	<b>387150</b>		<b>111.93</b>

**Brief:** The farmer used to get annual income of Rs. 1,82,680/- from Maize, Chickpea and Onion. He faced problems like low yield in maize and onion etc. With DFI interventions like **IPM in Maize, introduction of high yielding variety of Onion (Bhima Shakti) and advisory on crop diversification with Chilli (Arka Khyati)** etc., he is getting annual income of **Rs. 3,87,150/- with 111.93% increase in income over base year..** In addition, there is cost saving of Rs. 12,000/- in the production of Maize and vegetable crops .



IPM in maize



Onion var. Bhima Shakti

## Effect of DFI intervention

Name of KVK: Vijayapura-II



Name of farmer: Shantappa Shreshail Talvar

Address: Manankalagi

Age: 32

Education: Illiterate

Size of land holding (in acre):4.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2.0	8	40400	26400
Field Crop 2	Groundnut (S)	1.0	12	50640	38590
Hort. Crop 1	Onion (K) local	1.0	60	60000	40000
Livestock 1	Goat	06	06	32000	24000
<b>Total</b>				<b>1,83,040</b>	<b>1,28,990</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area	Production	Gross	Net Income	production	income
		(Acre)/N	(Q/Liter/No.)	Income (Rs.)	(Rs.)		
Field Crop 1	Pigeon pea (K)	2.0	14	84,000	70000	75.0	165.2
Field Crop 2	Ground nut (S)	1.0	14	73,850	58800	16.7	52.4
Hort. Crop 1	Onion (K) Bhima Super	1.0	90	1,35,000	110000	50.0	175.0
Hort. Crop 2	Green Chilli(K) (Arka Khyati)	1.0	135	1,21,500	71,500	>100	>100
Livestock 1	Goat	04	04	28,000	20,000	0.0	-16.7
<b>Total</b>				<b>4,42,350</b>	<b>3,30,300</b>		<b>156.07</b>

onion. He faced problems like low yield in onion and pest and diseases in pigeon pea etc. **With DFI interventions like introduction of high yielding variety of onion (Bhima Super), IPDM in pigeon pea and advisory on crop diversification with chilli etc., he is getting annual income of Rs. 3,30,300 /- with 156.07% increase in income over base year..** In addition, there is cost saving of Rs. 14,500 -in the production of Pigeon pea, groundnut and onion.



Demonstration of Bhima Super onion



Bhima Super

## Effect of DFI intervention

Name of KVK: Vijayapura-II



Name of farmer: Mallikarjun Shreshail Ganapur

Address: Goligeri

Age: 30

Education: PUC

Size of land holding (in acre):5.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (Gulyal)	2.28	10	50500	36500
Hort. Crop 1	Lime	2.12	130	154000	101000
Livestock 1	Dairy farming (Buffalo)	06	2600 (2 lactating)	72800	42800
<b>Total</b>		<b>5.0</b>		<b>277300</b>	<b>1,80,300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component	Names	Area (Acre)/No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Pigeon pea (K) TS-3R	2.28	20	120000	100000	100.0	137.6
Hort. Crop 1	Lime (Kagzi)	2.12	200	260000	200000	53.8	98.0
Livestock 1	Dairy farming (Buffalo)	08	5100 (3 lactating)	153000	113000	64.1	164.02
Livestock 2	Fodder prod.	0.5	160	-		>100	-
<b>Total</b>				<b>5,33,000</b>	<b>4,13,000</b>		<b>129.06</b>

**Brief:** The farmer used to get annual income of **Rs.180300/-** from Pigeon pea, Lime and livestock. He faced problems like low yield in lime and pigeon pea etc. With DFI interventions like introduction of **high yielding variety of pigeon pea and ICM in lime** etc., he is getting annual income of **Rs 413000/- with 129.06% increase in income over base year.-.** In addition, there is cost saving of Rs. **10000/-** in the production of Pigeon pea, Lime and livestock



Farmer interaction with KVK scientist



KVK Scientists visit to pigeon pea field



**Name of farmer:** Rajkumar Aski  
**Address:** Hachyal  
**Age:** 28  
**Education:** BA  
**Size of land holding (in acre):**5.5

### 1) Before intervention

Component Description		Benchmark (Baseline period (2016-17))			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea (K) Gulyal	2.0	8	40400	28000
Field Crop 2	D. Wheat	2.0	18	45000	32000
Hort. Crop 1	Onion (R)	1.5	100	120000	82500
<b>Total</b>				<b>205400</b>	<b>142500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Pigeon pea (TS-3R)	2.0	14	84000	68000	75.0	142.9
Field Crop 2	D.Wheat (R) DDK-1029	2.0	26	117000	97000	44.4	203.1
Hort. Crop 1	Onion (R)	1.5	121	193600	148600	21.0	80.1
Hort. Crop 2	Green Chilli(K) (Arka Khyati)	1.0	135	1,21,500	71,500	>100.0	>100.0
<b>Total</b>				<b>516100</b>	<b>385100</b>		<b>170.25</b>

**Brief:** The farmer used to get annual income of Rs. 142500/- from Pigeon pea, Wheat and Onion. He faced problems like low yield in pigeon pea and onion etc. With DFI interventions like **IPDM in Pigeon pea, introduction of high yielding variety of wheat and onion (Bhima Shakti) and crop diversification with chilli etc.,** he is getting annual income of Rs.385100/- with **170.25% increase in income over base year..** In addition, there is cost saving of Rs. **8000/-** in the production of Pigeon pea, wheat and onion.



Chilli hybrid Arka Khyati



Scientists visit to onion (Bhima shakti) field during harvesting



**Name of farmer:** Vittal Amgonda Kadamgeri  
**Address:** Bargudi  
**Age:** 42  
**Education:** BA  
**Size of land holding (in acre):** 8 acre

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Redgram (Gulyal)	2	8	40400	31500
Field Crop 2	Sugarcane (265)	3	1500	270000	160000
Hort. Crop 1	R-Bengalgram (Local)	2	10	41000	30900
Hort. Crop 2	K-Wheat (Local variety)	1	7	28,000	23,500
<b>Total</b>				<b>379400</b>	<b>245900</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	K-Redgram (TS-3R)	2	12	72000	54900	78.21	74.28
Field Crop 2	Sugarcane (Mera-86 & 8005)	4	1950	448500	325500	66.11	97.27
Hort. Crop 1	Rabi-Bengalgram (JG11)	2	16	81600	71400	60.0	131.06
Hort. Crop 2	K-Wheat (UAS-304)	1	9	45,000	40,000	28.57	63.27
<b>Total</b>				<b>647100</b>	<b>491800</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs. **245900** from redgram, sugarcane, Bengalgram and Wheat. He faced problems like various pests and diseases, low yielding varieties and improper management of crops *etc.* With DFI interventions like demonstration of High yielding varieties, integrated crop management, timely suggestions, field visits *etc.*, he is getting annual net income of Rs. **491800 with 100% increase in income over base year.**



Interaction with the farmers on UAS-304 variety



Field visit at maturity stage



Name of farmer: Malsiddappa M Guddodagi

Address: Hirebevanur, Indi, Vijayapur

Age: 52

Education: 6<sup>th</sup> standard

Size of land holding (in acre): 15 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Redgram (Gulyal)	2	8	32,000	26,000
Field Crop 2	K-Sugarcane -265	2	600	108000	90,000
Field Crop 3	K-Wheat -local	1	6	15,000	12,000
Field Crop 4	R-Bengalgram -L	1	7	21,000	17,000
Field Crop 5	K-Dicoccum wheat -L	1	8	24,000	18,500
Field Crop 6	R_Groundnut	2	28	84,000	68,000
Hort. Crop 1	Banana -Jawari	1	120	1,00,000	90,000
Hort. Crop 2	Lime -Kagzi	5	300	5,00,000	3,70,000
Total		15	1071	8,84,000	691500

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (t/Q/Liter/No.)	Gross Income	Net Income (Rs.)	Production	Income
Field Crop 1	K-Redgram -TS-3R	2	10	60000	54000	25.00	107.69
Field Crop 2	Sugarcane -8005	2	800	144000	130000	33.33	44.44
Field Crop 3	K-Wheat-UAS 304	1	8	32000	27000	33.33	125.00
Field Crop 4	Rabi-Bengalgram - JG11	1	8	40000	35000	14.28	105.88
Field Crop 5	R-Dicoccum wheat	1	10	55000	50000	25.00	170.27
Field Crop 6	Summer-Groundnut G2- 52	2	32	176000	156000	14.28	129.41
Hort. Crop 1	Banana Jawari	1	130	180000	160000	8.33	77.77
Hort. Crop 2	Lime -Kagzi	5	330	700000	600000	10.00	62.16
Livestock 1	Goat farming	20	-	60000	60000	>100	>100
Other enterprise	Fish farming	80X100	2	280000	230000	>100	>100
Total		15	1330	17,27,000	15,02,000		117.21

horticultural crops. He faced problems like various pests and diseases, delayed and irregular crop management and low yielding varieties etc. Brief: The farmer used to get annual income of Rs. 8,58,000 from redgram, sugarcane, wheat, Bengalgram, Dicoccum wheat, and With DFI interventions likesuggested high yielding varities, integrated management, timely suggestions, field visits etc., he is getting annual income of Rs. 15,02,000 with 117.21% increase in income over base year. In addition, there is cost saving of Rs. 1,99,000 in the



Interaction with the farmer on lime cultivation



Interaction with the farmer on Vermi compost



**Name of farmer: Hanumantha Shantappa Devaraddi**

**Address: Hachayal**

**Age: 43**

**Education: MA**

**Size of land holding (in acre): 6.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Pigeon pea -L	2.5	10	50500	35625
Field Crop 2	Maize -Hy	02	32	43680	29180
Filed Crop 3	R-Chickpea-L	02	10	42000	31800
Livestock 1	Cow	02	3400	85000	47600
<b>Total</b>				221180	144205

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	K- Cotton -H	03	33	182820	149820	>100	>100
Field Crop 2	Rabi-Chickpea-JG-11	02	16	82400	70000	60.00	120.00
Hort. Crop 1	Pomegranate-Kesar	1.5	Plantation	-	-	>100	>100
Livestock 1	Cow-Desi	02	4200	147000	96600	24.00	102.94
<b>Total</b>				412220	316420		119.42

**Brief:** The farmer used to get net annual income of **Rs. 1,44,205/-** from maize, pigeon pea and chickpea, etc. He faced problems like low yielding variety in pigeon pea and chickpea etc. With DFI interventions like management of leaf reddening and pink boll worm in cotton, introducing new varieties TS-3R in pigeon pea and Pomegranate etc., he is getting annual income of **Rs 316420/- with 119.42% increase in income over base year.**



Cotton field at maturity stage



Interaction with the farmers on field crops



Name of farmer: Vjaykumar Haski

Address: Hachyl, Sndagi Tq

Age: 28

Education: BA

Size of land holding (in acre): 6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Maize-Hy	03	48	65520	43770
Field Crop 2	K-Pigeon pea-Gu	03	12	60600	42750
Filed Crop 3	R-Cotton-Hy	01	7	27020	18520
<b>Total</b>				<b>153140</b>	<b>105040</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N o	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	K-Maize-H	02	46	85100	64700	100.00	47.82
Field Crop 2	K-Pigeon pea-TS-3R	02	16	96000	78900	100.00	84.56
Filed Crop 3	R-Cotton-H	03	33	182820	149820	100.00	708.96
Livestock 1	Cow	2	2000	60000	8000	>100	>100
<b>Total</b>				<b>423920</b>	<b>301420</b>		<b>186.9</b>

**Brief:** The farmer used to get annual income of **Rs. 105040** from maize and pigeon pea, etc. He faced problems like FAW damage in maize, low yielding variety in pigeon pea, leaf redding and PBW in cotton etc. With DFI interventions like Management of FAW in maize, introducing high yielding varieties like TS-3R in pigeon pea and management of leaf redding and PBW in cotton etc., he is getting annual income of **Rs. 301420** with **186.95%** increase in income over base year..



Redgram filed at flowering stage



Name of farmer: Rajshekar Revanasiddappa Nimbaragi

Address: Benkanahalli, Indi, Vijayapur

Age: 59

Education: 7<sup>th</sup> standard

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bengalgram	4	20	82000	61800
Field Crop 2	Redgram	2	8	40400	28500
Hort. Crop 1	Lime -Kagzi	1	75	600000	450000
Hort. Crop 2	Lime seedlings - Kagazi	0.5	1400	300000	250000
Hort. Crop 3	Drumstick seeds-L	0.5	66 kg	165000	145000
Hort. Crop 4	Pomegranate Kesar	2 care Plantation			
Hort. Crop 5	Banana -Jawari				
Hort. Crop 6	Sithaphal -				
Total		10	1569	1187400	935300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	R-Bengalgram –JG11	4	32	163200	142800	60.0	131
Field Crop 2	K-Redgram-GRG-811	2	14	168000	150000	75	426.32
Field Crop 3	K-Millet –DHFt-109-3	0.5	8	30000	20000	>100	>100
Field Crop 4	Pulses and vegetables seeds selling -L	1	10	150000	140000	>100	>100
Hort. Crop 1	Lime -Kagzi	1	90	650000	530000	-96.79	17.77
Hort. Crop 2	Pomegranate -Kesar	Plantation	--	-	-	-	-
Hort. Crop 3	Banana -Jawari	1.5	220	600000	500000	8.33	77.77
Hort. Crop 4	Sithaphal-NMK-1	1	10	100000	500000	>100	>100
Livestock 1	Goat farming	10	-	60000	60000	>100	>100
Livestock 2	Cow	2	-	50000	40000	>100	>100
Total		10		1971200	2082800		122.69

**Brief:** The farmer used to get annual income of Rs 935300 from redgram, bengalgram, lime and selling of lime seedlings and other horticultural crops. He faced problems like various pests and diseases, delayed and irregular crop management and low yielding varieties etc. With DFI interventions like integrated management, suggested high yielding varieties like GRG -811 and timely suggestions, field visits etc., he is getting annual income of Rs. 20,82,800 with 122.69% increase in income over base year .



Interaction with farmer on Grading on lime and lime seedling and banana cultivation



**Name of farmer: Neelkanta Shankrappa Haski**

**Address: Hachyl, Sndagi Tq**

**Age: 38**

**Education:SSLC**

**Size of land holding (in acre): 5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Cotton-H	2	14	54040	37040
Field Crop 2	R-Maize-H	2	32	43680	29280
Filed Crop 3	K-Onion-Panchgaganaga	1	50	55000	30000
Hort. Crop 1	K-Pigeon pea-TS-3R	1	4	20200	13950
Livestock 1	Cow	1	1750	43750	24500
Livestock 2	Buffalo	1	1470	44100	24990
<b>Total</b>				<b>260770</b>	<b>159760</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Cotton	2	22	121880	99880	57.14	170
Field Crop 2	Maize	2	44	81400	60900	37.5	108
Filed Crop 3	Onion (Bhima Shakti)	1	75	120000	80000	50.00	167
Field. Crop 4	Chickpea JG-11	1	8	40800	35700	>100	>100
Livestock 1	Cow	1	2100	73500	49500	20.00	102
Livestock 2	Buffalo	2	3900	156000	101400	165.00	306
<b>Total</b>				<b>593580</b>	<b>427380</b>		<b>167.51</b>

**Brief:** The farmer used to get annual income of **Rs. 1,59,760** from maize, pigeon pea and cotton, etc. He interventions like Management of FAW in maize, introducing high yielding varieties like TS-3R in pigeon pea, Onion (Bhima Shakti) and management of leaf redding and PBW in cotton etc., he is getting annual income of **Rs. 4,27,380 with 167.51% increase in income over base year**



Chickpea Field visit at flowering stage



Maize field at maturity stage



**Name of farmer: Nigangouda Patil Dambal**

**Address: Dambal, Sindagi Tq**

**Age: 47**

**Education: SSLC**

**Size of land holding (in acre):30 acre**

### 1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	20	6000	1080000	677000
Field Crop 2	K-Pigeon pea	2	8	40400	28500
Filed Crop 3	K-Cotton	2	14	54040	37040
Hort. Crop 1	Lime	2	120	120000	78000
Hort. Crop 2	Grapes	Plantation 2	-	-	-
Hort. Crop 3	Guva	Plantation 2	-	-	-
<b>Total</b>				<b>1294440</b>	<b>820540</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	20	8200	1886000	1476000	36.66	170
Field Crop 2	K-Pigeon pea-TS-3R	2	14	84000	66900	75.00	135
Filed Crop 3	Cotton-Yuva	2	22	121880	99880	57.14	170
Hort. Crop 1	Grapes-Thm	Plantation 2 ac	-	-	--	-	-
Hort. Crop 2	Guva	Plantation 2 ac	-	-	-	-	-
<b>Total</b>				<b>2091880</b>	<b>1642780</b>	<b>Total % increase</b>	<b>100.21</b>

**Brief:** The farmer used to get annual income of **Rs. 820540** from Sugarcane, Cotton, pigeon pea and lime, etc. He faced problems like low yielding variety in pigeon pea, leaf reddening and PBW in cotton etc. With DFI interventions like introducing high yielding varieties like TS-3R in pigeon pea and management of leaf reddening and PBW in cotton and introducing of Horticultural crops etc., he is getting annual income of **Rs. 1642780** with **100.21% increase in income over base year ..**



Interaction with the farmers on high yielding varieties of UASD



Redgram Field visit at Maturity stage



**Name of farmer: Basappa Hugar**  
**Address: Hirebevanur, Indi, Vijayapur**  
**Age: 55**  
**Education: 7<sup>th</sup> standard**  
**Size of land holding (in acre): 6 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	K-Redgram (Gulyal)	2	8	32000	26000
Field Crop 2	K-Sugarcane - Gangavati	2	600	108000	90000
Field Crop 3	R- Maize-Hy	2	32	43680	29280
Livestock 1	Cow-Desi	1	1700	42500	23800
<b>Total</b>				<b>226180</b>	<b>169080</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	K-Redgram – TS- 3R	2	10	60000	54000	25.00	107.69
Field Crop 2	Sugarcane - 0005	2	800	144000	130000	33.33	44.44
Field Crop 3	Lime- Kagzi	1	90	112500	84500	>100	>100
Field Crop 4	Millets	1	8	20000	17000	>100	>100
Livestock 1	Cow (HF)	2	4200	147000	96600	147	306
<b>Total</b>				<b>483500</b>	<b>382100</b>		<b>125.99</b>

**Brief:** The farmer used to get annual income of Rs. **169080** from redgram, sugarcane, Maize and diary. He faced problems like various pests and diseases, delayed and irregular crop management and low yielding varieties *etc.* With DFI interventions like integrated management, timely suggestions, field visits *etc.*, he is getting annual income of Rs. **382100** with **125.99% increase in income over base year ..**



TS-3R Redgram filed at flowering stage



Lime crop field



**Name of farmer: Bharati Midedar**

**Address: Choragi**

**Age: 42**

**Education: 10**

**Size of land holding (in acre): 25**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Green gram	1	4	22000	18450
Field Crop 2	Pigeonpea (Gulyal)	10	40	202000	139500
Field Crop 3	Groundnut (TMV-2)	2	24	100800	76700
Field Crop 4	Maize (Ganga Kaveri)	6	96	131040	87840
Field Crop 5	Sorghum (M-35)	1	3	4950	1450
Livestock 1	Goats (Osmanabadi)	3	3	15000	10500
Livestock 2	Buffalo (Jersy)	2	3100	93000	52700
<b>Total</b>				<b>568790</b>	<b>387140</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Green gram (DDGV-2)	1	5	30000	26450	25	43.4
Field Crop 2	Pigeonpea (TS-3R)	15	105	630000	510750	162.5	266.1
Field Crop 3	Groundnut (G2-52)	1	16	85600	71600	-33.3	-6.6
Field Crop 4	Maize (Ganga Kaveri)	4	88	162800	121800	-8.3	38.7
Field Crop 5	Black gram (DBGV-105)	1	5	30000	26450	>100	>100
Field Crop 6	Small millets (Kodo millet, Barnyard millet, finger millet) Foxtal millet (DHft-109- 3)	2	7	28200	24200	>100	>100
Hort. Crop 1	Vegetables (Bhendi, bitter gourd, green chilli, and leafy vegetables)	1	125	187500	175000	>100	>100
Livestock 1	Goats (Osmanabadi)	6	6	45000	33000	100	214.3
Livestock 2	Buffalo (Jersy)	6	10800	378000	205200	240.4	289.4
Other enterprise	Vermicomposting (3*3*15ft)		100			>100	>100
Other	Value additional products		1	75000	50000		
<b>Total</b>				<b>1577100</b>	<b>1229650</b>		<b>217.62</b>

**Brief:** The farmer used to get net annual income of **Rs. 3,87,140/-** from Green gram, pigeon pea, groundnut, and maize etc. She faced problems like low yielding in green gram, pigeon pea, groundnut and sorghum etc. With DFI interventions like **introducing high yielding variety TS-3R and pulse magic spray (mixture of micronutrients and PGPR) in pigeon pea, new variety G2-52 in groundnut, incorporation of vegetables** and she also got training and suggestion regarding importance of millets and their value additional products like millets roti, papad, millet laddu, millets peda, millets chakali, ready made millets mixture for babies and diabetics patients etc., Now she is getting annual income of **Rs 12,29,650/-** with **217.62% increase in income over base year** . In addition, there is cost saving of **Rs. 38,000/- (Use of Vermicompost, preparation value added products)** in the production of these crops.



**Scientist visit to foxtail millet (DHft-109-3)**



**Exhibition of millet based value added product**



**Name of farmer:** Babasaheb Eranna Yadwad

**Address:** Manankalagi

**Age:** 35

**Education:** Metriculation

**Size of land holding (in acre):** 10 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (gulyal) ( <i>Kharif</i> )	4	16	80800	56000
Field Crop 2	Maize ( <i>Kharif</i> )	3	48	65520	44520
Field Crop 3	Sorghum ( <i>Rabi</i> )	3	9	18000	9500
Hort. Crop 1	Lime	2	120	144000	94000
Hort. Crop 2	Pomegranate	1	40	160000	100000
<b>Total</b>				<b>468320</b>	<b>304020</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R) ( <i>Kharif</i> )	4	28	168000	136000	75	142.90
Field Crop 2	Maize ( <i>Kharif</i> )	3	65	122000	91250	35.41	105.00
Field Crop 3	Chickpea (BGD-111-1) ( <i>Rabi</i> )	3	20	102000	87600	>100	>100
Hort. Crop 1	Lime	2	200	320000	260000	66.66	176.60
Hort. Crop 2	Pomegranate	1	55	220000	155000	37.50	55.00
Livestock 1	Dairy (HF×Cows)	02	1720 (one lactating)	51600	30960	>100	>100
<b>Total</b>				<b>983600</b>	<b>760810</b>		<b>150.25</b>

**Brief:** The farmer used to get annual net income of **Rs. 304020** from redgram, maize, lime and pomegranate. He faced problems like low yield due to poor varieties, citrus canker, leaf miner, wilt etc. With DFI interventions like **introduction of high yielding chickpea variety BGD-111-1, training on Dairy farming, FLD on management of citrus canker and leaf miner and field visits** he is getting annual net income of **Rs 760810 with 150.25% increase in income over base year**. In addition, there is cost saving of Rs. 6500 in the production of above crops due to reduction in use of chemicals and use of high yielding varieties.



scientist visit to lime orchard



scientist visit to lime orchard after FLD implementation



Name of farmer: Panditha Bhimanna Kadamgeri

Address: Bargudi, Indi Tq, Vijayapura Dis.

Age: 38

Education: PUC

Size of land holding (in acre): 5.5 acre

### 1) Before Intervention

Component Description		Image	Period 2016-17	
Components	Names		Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulayal)		30300	31500
Field Crop 2	Sugarcane -265		144000	74000
Livestock 1	Cow		83000	46480
Livestock 2	Buffalo		84600	47940
Total			<b>3,41,900</b>	<b>1,99,920</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (t/Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram – TS-3R	1.5	10.5	63000	46975	75	55.03
Field Crop 2	Sugarcane – Mera 86	4	950	218500	136500	18.8	84.45
Livestock 1	Cow	2	4200	147000	97000	26.50	100
Livestock 2	Buffalo	2	3600	144000	93600	27.65	100
	Goat	10	06	43200	31200	>100	>100
<b>Total</b>				<b>6,15,700</b>	<b>4,05,275</b>		<b>102.72</b>

**Brief:** The farmer used to get annual net income of **Rs. 1,99,920** from redgram, and sugarcane. He faced problems like various pests and diseases, low yielding varieties and improper management of crops and low knowledge on animal husbandry practices, lack of multicut fodder varieties *etc.* With DFI interventions like demonstration of High yielding redgram variety TS3R, integrated crop management, timely suggestions, field visits and scientific training on goat farming and introduction of high yielding fodder ( Co-5 and CoFs-31) *etc.*, he is getting annual net income of **Rs.4,05,275 with 102.72% increase in income over base year** and an additional cost saving of **Rs. 18000**.





**Name of farmer:** Srimanth Shankaregowda Biradar

**Address:** Bhairunji

**Age:** 65

**Education:** Metriculation

**Size of land holding (in acre):** 10 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Local)	3	12	60600	42600
Field Crop 2	Maize	3	48	65520	44520
Field Crop 3	Sugarcane	3	1000	180000	129000
Hort. Crop 1	Lime	1	50	80000	50000
<b>Total</b>		<b>10 acre</b>	<b>1110</b>	<b>386120</b>	<b>266120</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (GRG-811)	3	21	126000	102000	75	139.40
Field Crop 2	Maize	3	72	138750	108750	50	144.27
Field Crop 3	Sugarcane	3	1500	345000	285000	50	120.93
Hort. Crop 1	Lime	1	85	150000	125000	70	150.00
Livestock 1	Cattle (Jersey)	01	1720	44720	25,800	>100	>100
<b>Total</b>		<b>10 acre/ 1 No.</b>	<b>1678 Q/ 1720 L</b>	<b>804470</b>	<b>646550</b>		<b>142.95</b>

**Brief:** The farmer used to get net annual income of Rs. **2,66,120** from Redgram, Maize, Sugarcane and Lime. He faced problems like **Dry root rot, Fall army worm, root grub and canker**. With DFI interventions like **management of SMD and pod fly in redgram, Introduction of variety GRG-811 in redgram, FAW integrated management in maize, field visits, consultancy, trainings** etc., he is getting annual net income of Rs **6,46,550** with **142.95% increase in income over base year**. In addition, there is cost saving of Rs **15,000** in the production of above crops.



Off-campus trainings to impart knowledge on various



aspects of pest and disease management



**Name of farmer:** Shreshyl Biradar

**Address:** Bhairungi

**Age:** 65

**Education:** 6<sup>th</sup>

**Size of land holding (in acre):** 15

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	9	36	216000	162000
Field Crop 2	Sugarcane	3	900	162000	110000
Hort. Crop 1	Lime	3	180	234000	144000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
Livestock 2					
<b>Total</b>				<b>668700</b>	<b>465000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3-R)	6	42	252000	207000	75	27.78
Field Crop 2	Sugarcane	3	1250	287500	232500	38.89	111.36
Hort. Crop 1	Lime	3	280	504000	429000	55.56	197.9
Hort. Crop 2	Pomegranate	3	195	975000	795000	>100	>100
Livestock 1	Cattle (jersey)	1	1365	60250	52250	8.3	6.6
Livestock 2							
<b>Total</b>				<b>2078750</b>	<b>1715750</b>		<b>268.98</b>

**Brief:** The farmer used to get annual net income of Rs.4,65,000 from Redgram, Sugarcane and lime. He faced problems like low income, dry root rot, canker, wilt, root grub etc. With DFI interventions like **introduction of fruit crop pomegranate, Integrated management of fruit sucking moth in pomegranate, root grub mangement in sugarcane, Field visits, consultancy etc.**, he is getting annual net income of Rs 17,15,750 with 268.98% increase in income over base year .In addition, there is cost saving of Rs. 25000 in the production of above crops.



Scientist visit to root grub in sugarcane



Front line demonstration in Pomegranate



**Name of farmer:** Ramzan saab Khasim saab Bandalagi

**Address:** Hingani

**Age:** 59 **Education:**

3<sup>rd</sup>

**Size of land holding (in acre):** 9 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Local)	2	8	40400	28400
Field Crop 2	Sugarcane	5	1250	225000	130000
Hort. Crop 1	Onion	2	100	110000	60000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
Other enterprise (Specify)					
<b>Total</b>				<b>432100</b>	<b>2,67,400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R)	2	13	78000	64000	62.50	125.35
Field Crop 2	Sugarcane	5	1800	414000	314000	44.00	141.53
Hort. Crop 1	Onion	2	180	300000	220000	80.00	266.7
Livestock 1	Cattle (jersey)	3	4095	180750	156750	8.34	6.63
Other enterprise (Specify)	Vermicompost	2 (12''*4''*2'')	20	16000	12000	>100	>100
<b>Total</b>				<b>988750</b>	<b>766750</b>		<b>186.74</b>

**Brief:** The farmer used to get annual net income of Rs. **2,67,400** from redgram, sugarcane and onion. He faced problems like various pests and diseases, delayed and irregular crop management etc. With DFI interventions like **IPDM in redgram, timely suggestions, Training, field visits** etc., he is getting annual net income of Rs **766750 with 186.74% increase in income over base year** .. In addition, there is cost saving of Rs. **18129** in the production of these crops.



Scientist visit and suggestions for pest and disease management in various crops



Visit to onion storage structure



**Name of farmer:** Bhattayya Danayya Hiremath

**Address:** Bhairungi

**Age:** 33

**Education:** SSLC

**Size of land holding (in acre):** 5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (local)	2	8	40,400	30,000
Field Crop 2	Sugarcane	1	250	45,000	27,000
Field Crop 3					
Hort. Crop 1	Lime	1	60	81000	56000
Livestock 1	Cattle (jersey)	1	1260	37,800	33,000
<b>Total</b>				<b>204200</b>	<b>146000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R)	2	14	84000	70000	75.00	133.34
Field Crop 2	Sugarcane	1	400	88000	70000	60.00	159.26
Field Crop 3	Wheat (UAS-304)	1	14	27650	24650	>100	>100
Hort. Crop 1	Lime	1	100	200000	170000	66.67	203.57
Livestock 1	Cattle (jersey)	1	1300	65000	57000	3.2	72.7
<b>Total</b>				<b>464650</b>	<b>391650</b>		<b>168.25</b>

**Brief:** The farmer used to get net annual income of Rs. **146000** from redgram, sugarcane, lime etc. He faced problems like low yield, pest and diseases, nutritional deficiencies etc. With DFI interventions like **demonstrations on use of bio-agents in lime, trainings, field visits, introduction of new wheat variety (UAS-304)** etc., he is getting net annual income of Rs **391650** with **168.25%** increase in income over base year .. In addition, there is cost saving of Rs. **4800** in the production of different crops.



Scientist follow up visit to wheat field



field day conducted on wheat variety UAS-304



Name of farmer: : Somayya Danayya Hiremath

Address: Bhairungi

Age: 36

Education: 7<sup>th</sup>

Size of land holding (in acre): 3 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	1	4	20200	14200
Field Crop 2	Sugarcane	1	300	54000	36000
Hort. Crop 1	Lime	1	67	156000	106000
<b>Total</b>				<b>230200</b>	<b>156200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (GRG-811)	1	7	42000	57000	75.00	301.40
Field Crop 2	Sugarcane	1	500	115000	95000	66.67	163.89
Hort. Crop 1	Lime	1	110	330000	281000	64.2	165
<b>Total</b>				<b>487000</b>	<b>433000</b>		<b>177.21</b>

**Brief:** The farmer used to get annual net income of Rs. **156200** from Redgram, lime, sugarcane and kakda. He faced problems like pest and diseases, poor yield due to old varieties and poor knowledge. With DFI interventions like **introduction of redgram high yielding and disease resistant variety (GRG-811), management of SMV in redgram, wilt and canker management in lime, trainings, field visits etc.**, he is getting annual net income of Rs **433000** with **177.21% increase in income over base year**. In addition, there is cost saving of Rs. **4000** in the production of different crops.



Scientist visits to monitor pest and diseases in redgram Implementation of FLD on lime disease management



**Name of farmer:** Sunil Bhairshetty

**Address:** Bhairungi

**Age:** 26

**Education:** BA

**Size of land holding (in acre):** 7 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	1	3.5	17675	13000
Field Crop 2	Sugarcane	5	1800	324000	239000
Field Crop 3	Sorghum (kharif)	1	5	8250	5250
Livestock 1	Cow	1	1260	50400	45400
Livestock 2	Goatary	02	02	25000	15000
<b>Total</b>				<b>425325</b>	<b>317650</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R)	1	7	42000	34000	100	161.53
Field Crop 2	Sugarcane	5	2250	517500	417500	25.0	74.68
Hort. Crop 1	Pomegranate	1	65	325000	260000	>100	>100
Livestock 1	Cow	1	1300	65000	57000	3.17	25.55
Livestock 2	Goatary	02	02	36000	24000	-	60.00
<b>Total</b>				<b>985500</b>	<b>792500</b>		<b>149.49</b>

**Brief:** The farmer used to get net annual income of Rs. **317650** from redgram, sugarcane, dairy and goatery. He faced problems like low income, pest and diseases, poor flowering in redgram etc. With DFI interventions like **INM in redgram, introduction of pomegranate crop, IPDM in pomegranate and follow up field visits** etc., he is getting annual income of Rs **792500** with **149.49% increase in income over base year**. In addition, there is cost saving of Rs. **13,525** in the production of above crops.



Demonstration of INM in redgram to increase yield



Scientist visits to monitor pest and diseases in pomegranate



**Name of farmer:** Eranna Bhairshetty

**Address:** Bhairungi

**Age:** 45

**Education:** 8<sup>th</sup>

**Size of land holding (in acre):** 8 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	32	43680	29680
Field Crop 2	Chickpea	1	5	20000	13000
Field Crop 3	Redgram	2	9	45450	33450
Hort. Crop 1	Grapes	1	20	300000	240000
Hort. Crop 2	Banana	2	75	150000	70000
Livestock 1	Cattle (jersey)	1	1260	56700	49000
<b>Total</b>				<b>615830</b>	<b>435130</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2	48	88800	68800	50.00	131.80
Field Crop 2	Chickpea	1	8	40800	33800	60.00	160.00
Field Crop 3	Redgram	2	15	90000	78000	6.67	133.18
Hort. Crop 1	Grapes	1	30	600000	500000	50.00	108.34
Hort. Crop 2	Banana	2	120	300000	200000	60.00	185.71
Livestock 1	Cattle (jersey)	3	4500	200000	175000	19.04	257.14
<b>Total</b>				<b>1319600</b>	<b>1055600</b>		<b>142.59</b>

**Brief:** The farmer used to get annual net income of Rs. **435130** from above crops. He faced problems like Fall army worm in maize, low yield in chickpea and redgram, shoot borer in grapes, etc. With DFI interventions like **integrated management of FAW in maize, introduction of chickpea variety BGD-111-1 and demonstration of nipping machine to enhance yield, management of shoot borer in grapes and field visits** etc., he is getting annual income of Rs **1055600** with **142.59% increase in income over base year** . In addition, there is cost saving of Rs. **8300** in the production of above crops.



Demonstration of nipping machine to enhance yield in chickpea



Field day conducted for successful management of FAW in maize



**Name of farmer:** Manjunath Mallad

**Address:** Indi

**Age:** 25

**Education:** Diploma (computer)

**Size of land holding (in acre):** 15 acre ( 13 ac Cultivable)

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal)	5	18	90900	60900
Field Crop 2	Sugarcane	4	1200	186000	104000
Field Crop 3	Sorghum	2	6	12000	9500
Hort. Crop 1	Drumstick	1	40	88500	44500
Hort. Crop 2	Lime	1	70	84000	59000
Livestock 1	Cattle (jersey)	6	7560	340200	294000
<b>Total</b>				<b>801600</b>	<b>571900</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (GRG-811)	5	32	192000	152000	77.78	149.58
Field Crop 2	Sugarcane	4	1600	368000	298000	33.34	186.54
Field Crop 3	Sorghum	2	08	21120	16120	33.34	69.68
Hort. Crop 1	Drumstick	1	60	130000	90000	50.00	102.25
Hort. Crop 2	Lime	1	90	171000	141000	28.57	138.98
Livestock 1	Cattle (jersey)	8	10920	546000	426000	8.34	44.9
Other enterprise (Specify)	Vermicompost	5	60	48000	39000	>100	>100
<b>Total</b>				<b>1476120</b>	<b>1162120</b>		<b>103.20</b>

**Brief:** The farmer used to get net annual income of Rs. **571900** from redgram, Sugarcane, drumstick, lime and dairy etc. He faced problems like pest and diseases, local and low yielding varieties, wastage of dung etc. With DFI interventions like **introduction of high yielding variety GRG-811 in redgram, counselling and scientific vermicompost training**, etc., he is getting annual net income of Rs **1162120** with **103.20% increase in income over base year**. In addition, there is cost saving of Rs. **14300** in the production of above crops.



Dairy farming



Establishment of vermicompost unit after training at KVK under ASCI



**Name of farmer:** Mahantesh Teli  
**Address:** Manankalagi  
**Age:** 35  
**Education:** BA, B.Ed  
**Size of land holding (in acre):** 3 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1	16	21840	16840
Hort. Crop 1	Pomegranate	2	70	245000	125000
Livestock 1	Cattle (jersey)	2	2520	113400	98000
Livestock 2					
<b>Total</b>				<b>380240</b>	<b>239840</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	1	22	40700	30700	37.50	82.30
Field Crop 2	Ground nut (G2-52) (Summer)	1	14	73850	57850	>100	>100
Hort. Crop 1	Pomegranate	2	110	550000	420000	57.14	236.00
Livestock 1	Cow	3	4095	204750	159750	8.34	63.01
Livestock 2							
<b>Total</b>				<b>869300</b>	<b>668300</b>		<b>178.64</b>

**Brief:** The farmer used to get net annual income of Rs. **239840** from dairy, maize and pomegranate. He faced problems like Low income, FAW in maize and pest and diseases in pomegranate. With DFI interventions like **integrated management of FAW, IPDM and management of fruit sucking moth in pomegranate, introduction of new ground nut variety G2-52, field visits** etc., he is getting annual net income of Rs **668300 with 178.64% increase in income over base year..** In addition, there is cost saving of Rs. **19600** in the production of above crops.



Demonstration of solar traps for Pest



Demonstration of FAW specific traps installation



**Name of farmer:** Pandit Eranna Methri

**Address:** Manankalagi

**Age:** 45

**Education:** Illiterate

**Size of land holding (in acre):** 5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize ( <i>Kharif</i> )	3	48	65520	50520
Field Crop 2	Chickpea ( <i>Rabi</i> )	3	15	45000	30000
Hort. Crop 1	Lime	2	120	144000	94000
Livestock 1	Cattle (jersey)	3	3780	170100	144000
<b>Total</b>				<b>424620</b>	<b>318520</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize ( <i>Kharif</i> )	3	66	122100	92100	37.50	82.30
Field Crop 2	Chickpea ( <i>Rabi</i> )	3	25	122400	101400	66.67	238.0
Hort. Crop 1	Lime	2	200	360000	300000	66.67	219.14
Livestock 1	Cattle (jersey)	3	4095	204750	179750	8.34	24.82
<b>Total</b>				<b>809250</b>	<b>673250</b>		<b>111.37</b>

**Brief:** The farmer used to get net annual income of Rs. **318520** from maize, chickpea, lime and dairy. He faced problems like low yield due to disease susceptible variety in chickpea, FAW in maize, citrus canker and poor flowering etc. With DFI interventions like **introduction of new chickpea varieties JG-11, BGD-111-1, NBeG 47**, citrus canker management and **Integrated FAW management in maize** etc., he is getting net annual income of Rs. **673250** with **111.37%** increase in income over base year. In addition, there is cost saving of Rs. **8100** in the production of above crops.



Demonstration on installation of FAW specific traps in maize



Demonstrating new chickpea varieties tolerant to dry root rot disease



**Name of farmer: Amrish Teli**

**Address: Manankalagi**

**Age: 25 Education:**

**PUC**

**Size of land holding (in acre): 5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal) ( <i>kharif</i> )	2	9	45450	33450
Field Crop 2	Fallow	1	-	-	-
Field Crop 3	Sunflower ( <i>Rabi</i> )	2	20	79000	69000
Hort. Crop 1	Pomegranate	2	75	300000	180000
Livestock 1	Dairy	5	6310	283500	240750
<b>Total</b>				<b>707950</b>	<b>523200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (GRG-8111) ( <i>kharif</i> )	2	15	90000	78000	66.67	133.18
Field Crop 2	Maize	1	22	40700	30700	>100	>100
Field Crop 3	Sunflower ( <i>Rabi</i> )	2	25	147125	135125	25.00	95.83
Hort. Crop 1	Pomegranate	2	110	660000	530000	46.67	194.45
Livestock 1	Dairy	8	10920	546000	426000	8.16	76.95
<b>Total</b>				<b>1483825</b>	<b>1199825</b>		<b>129.32</b>

**Brief:** The farmer used to get net annual income of Rs. **523200** from Redgram, sunflower, pomegranate and dairy. He faced problems like dry root rot and pod borer in redgram, fruit sucking moth in pomegranate, wilt in pomegranate etc. With DFI interventions like **integrated management of pomegranate fruit sucking moth, Introduction of GRG-811 redgram variety and solar nipping machine demonstration, FAW management in maize, trainings** etc., he is getting net annual income of Rs **1199825** with **129.32% increase in income over base year**.. In addition, there is cost saving of Rs. **10250** in the production of above crops .



Solar nipping machine for redgram



Demonstration on whorl application for FAW management



**Name of farmer: Chandram Mulimani**

**Address: Tamba**

**Age: 35**

**Education: Graduation**

**Size of land holding (in acre): 5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (Gulyal) (kharif)	2	8	40400	28400
Field Crop 2	Wheat (Rabi)	2	20	32500	16500
Hort. Crop 1	Lime	3	240	300000	225000
<b>Total</b>				<b>372900</b>	<b>269900</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (TS3R) (kharif)	2	12	72000	58000	50.00	104.22
Field Crop 2	Wheat (Rabi)	2	28	55300	49300	40.00	198.78
Hort. Crop 1	Lime	3	350	647500	557500	45.84	147.78
Livestock 1	Goat farming	15	10	70000	50000	>100	>100
<b>Total</b>				<b>844800</b>	<b>714800</b>		<b>164.84</b>

**Brief:** The farmer used to get annual income of Rs. **269900** from redgram, wheat and lime. He faced problems like low income, dry root rot in redgram and citrus wilt. With DFI interventions like **training on scientific goat farming, demonstration on seed treatment in redgram, demonstrations on use of bio-agents in lime and field visits** etc., he is getting annual income of Rs **714800** with **164.84%** increase in income over base year. In addition, there is cost saving of Rs.**17,000** in the production of above crops.



Wilted citrus plants before



Citrus plants showing recovery symptoms after implementation



Name of farmer: Basavaraj Patil  
 Address: Village : Bardol, Tq : Chadachan  
 Age: 40  
 Education: PUC  
 Size of land holding (in acre): 11

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Pigeon pea	7.00	28	1,41,400	98,000
Hort. Crop 1	Grape	3.00	60	8,60,000	6,70,000
Livestock 1	Dairy (HFX)	01	1,600	40,000	20,400
	Manure	-	35	3,500	3,000
Total		10.00		10,44,900	7,91,400

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Pigeon pea (K) (TS-3R)	6.00	36	2,16,000	1,78,000	28.60	81.60
Field Crop 2	Maize	1.00	20	40,000	30,000	>100	>100
Field Crop 2	Chickpea (Rabi)	4.00	28	1,40,000	1,10,000	>100	>100
Hort. Crop 1	Grape	3.00	74	13,80,000	11,80,000	23.350	76.10
Livestock 1	Dairy (HFX)	05 (2 Lactating)	3600	1,04,400	70,200	125.00	244.10
Livestock 2	Fodder	01	560	-	-	-	-
Others	Manure	-	140	20,000	15,000	300.00	400.00
<b>Total</b>		<b>11.00</b>		<b>19,00,400</b>	<b>15,83,200</b>		<b>100.05</b>

**Brief:** The farmer used to get net annual income of **Rs. 7,91,400** from Pigeon pea, Grape and Dairy activity etc. He faced problems like lower milk yield, Diseases in Pigeon pea and Grape etc. With DFI interventions like Training on **dairy farming, Silage preparation demonstration, Concentrate feed formulation, Introduction of multicut fodder (CoFs-31,Co-5) and demonstration TS-3R variety, IDM in Grape etc.**, he is getting net annual income of Rs **15,82,200** with **100.05% increase in income over base year**.. In addition, there is cost saving of Rs. 30,000/- (Use of produced manure, Higher fodder yield) in the production of crop viz., Pigeon pea, Grape and in Dairy activity.



IDM in Grapes



Improvement in Dairy activity after intervention



Name of farmer: Erranna Kudari

Address: Ahrisang

Age: 30

Education: MA

Size of land holding (in acre): 28

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Green gram	1	4	22000	18450
Field Crop 2	Pigeonpea (Gulyal)	4	16	80800	55800
Field Crop 3	Sugarcane	15	4500	855000	591000
Field Crop 4	Groundnut (TMV-2)	1	12	50400	38350
Field Crop 5	Maize (Ganga Kaveri)	1	16	21840	14640
Field Crop 6	Sorghum (M-35) (Rabi)	1	3	4950	1450
Field Crop 7	Chickpea (Rabi)	4	20	84000	63600
Hort. Crop 1	Grape	3	60	900000	723600
Livestock 1	Cow	2	3500	87500	49000
Livestock 2	Buffalo (Jersey)	2	3100	93000	52700
<b>Total</b>		<b>30 /4 nos</b>		<b>2199490</b>	<b>1608590</b>

### 3) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Green gram (DDGV-2)	1	5	30000	26450	25	43.40
Field Crop 2	Pigeonpea (TS-3R)	4	28	168000	136200	75	144.10
Field Crop 3	Sugarcane	15	6750	1620000	1317000	50	122.80
Field Crop 4	Groundnut (G2-52)	1	16	85600	71600	33.30	86.70
Field Crop 5	Maize (Ganga Kaveri)	1	22	40700	30450	37.50	107.80
Field Crop 6	Sorghum (M-35) (Rabi)	1	4	10560	6960	33.30	380
Field Crop 7	Chickpea (Rabi)	4	32	166400	141600	60	122.60
Field Crop 8	Black gram (DBGV105)	1	5	30000	26450	>100	>100
Field Crop 9	Wheat (Rabi)	2	26	51740	26740	>100	>100
Hort. Crop 1	Grape	3	90	1620000	1380000	50	90.70
Livestock 1	Cow	4	7400	259000	140600	111.40	186.90
Livestock 2	Buffalo (Jersey)	2	3600	144000	86400	16.10	63.90
<b>Total</b>		<b>34 acres/5 nos</b>		<b>4226000</b>	<b>3390450</b>		<b>110.77</b>

**Brief:** The farmer used to get net annual income of Rs. 16,08,590 from green gram, pigeon pea, sugarcane, pigeon pea, groundnut, maize, sorghum, chickpea, and grape etc. He faced problems low yielding in pigeon pea and chickpea, sorghum, groundnut etc. With DFI interventions **introducing high yielding variety TS-3R and pulse magic spray (mixture of micronutrients and PGPR) in pigeon pea, BGD-111-1 in chickpea, BJV-44 in sorghum and G2-52 variety in Groundnut along with application of gypsum  $\text{FeSO}_4$  and  $\text{ZnSO}_4$ .** etc., and he is getting annual income of Rs 33,90,450/- with 110.77% increase in income over base year. In addition, there is cost saving of Rs. 35,000/- (Use of FYM, efficient use of micronutrients) in the production of these crops.



**G2-52 Groundnut Variety introduction and Field visit**



**Scientist visit to Grape orchard**