



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Rajashekar Narasappa Bhairapur

Address : Village: Chikkasavanur, Block: Shirahatti,

Dist.: Gadag, State: Karnataka

Age 47

Education : SSLC

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	Greengram (K)	2.0	4.50	18900	6600
Field Crop 2	Groundnut (S)	1.0	5.50	22000	11200
Field Crop 3	Maize (K)	1.5	12.00	13200	4200
Hort. Crop 1	White Onion (R)	1.0	18.00	21600	11100
Hort. Crop 2	Drumstick (P)	0.5	12.71	20366	10986
<b>Total</b>				<b>96066</b>	<b>44086</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	Greengram (K)	2	7.00	40600	26100	55.55	295.45
Field Crop 2	Groundnut (S)	1	9.00	38700	23700	63.63	111.60
Field Crop 3	Maize +Redgram (K+R)	1.5	18.00 (CEY)	24313	12871	50.06	206.46
Hort. Crop 1	Onion (R)	1	25.00	45000	26000	38.88	134.23
Hort. Crop 2	Drumstick (P)	0.5	16.33	32660	20060	28.48	82.59
Livestock	Local Cow	1	520	14560	7000	>100	>100
<b>Total</b>				<b>195833</b>	<b>115731</b>	<b>-</b>	<b>162.51</b>

**BRIEF:** The farmer used to get annual income of **Rs.44,086/-** from Groundnut, Maize, Drumstick and Onion. He faced problems like low productivity due to use of local varieties, imbalanced nutrition, lack of knowledge on intercropping system. With DFI interventions like **use of improved varieties (Groundnut:DH-256, Greengram:DGGV-2, Onion:Bheema Shubra), intercropping system (Maize + Redgram), ICM practices and Cow enterprise** he is now getting net annual income of **Rs.1,15,731/-**.



**Nipping in Redgram crop in Maize+Redgram intercropping system**



**ICM in DH-256 variety of Groundnut crop**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Vishwanathraddi Mallappa Gokavi

Address : Chikkasavanur village, Block: Shirahatti, Dist.: Gadag  
State: Karnataka

Age 36

Education : PUC-II

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	Greengram	5	11.25	45000	17500
Field Crop 2	Groundnut	4	24.00	96000	54000
Hort. Crop 1	Onion	1	16.00	19200	7700
<b>Total</b>				<b>160200</b>	<b>79200</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	Greengram	3	12	51600	27600	6.67	57.71
Field Crop 2	Groundnut	2	19	81700	49700	-20.83	-7.96
Hort. Crop 1	Onion	1	25	45000	27000	56.25	250.65
Hort. Crop 2	<b>Cashew:Mixed</b> 2 (Greengram)		7	42000	24000	>100	>100
	dryland horticulture intercrop 2 (Groundnut)		15	64543	39263	>100	>100
<b>Total</b>				<b>284843</b>	<b>167563</b>	<b>-</b>	<b>111.57</b>

**BRIEF:** The farmer used to get annual income of **Rs. 79,200/-** from Greengram, Groundnut and Onion. He faced problems like use of low yielding local varieties, pest and diseases, imbalanced nutrition. With DFI interventions like **use of improved varieties (Greengram:DGGV-2, Groundnut:DH-256, Onion:Bhima Super), balanced nutrition, introduction of mixed fruit orchard and adoption of ICM practices**, he is now getting net annual income of **Rs.1,67,563/-**.



**DH-256 variety of Groundnut crop for higher productivity**



**Bheema Super variety of Onion for higher productivity**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Ashok M. Halli

Address : At post : Shagoti, Block.: Gadag, Dist.: Gadag, State: Karnataka  
Karnataka

Age 48

Education : 10<sup>th</sup>

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	Groundnut (K)	1.0	5.5	22000	12000
Field Crop 2	Bt. Cotton (K)	1.0	5.0	20000	12000
Hort. Crop 1	Onion (K)	1.0	18.0	21600	11600
Hort. Crop 2	Brinjal (K)	0.5	21.0	33600	20600
Livestock 1	Dairy (CB Cow)	2	2700	48600	26600
<b>Total</b>				<b>145800</b>	<b>82800</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	Groundnut: (K)	1.0	10	43000	28000	81.82	133.33
Field Crop 2	Bt. Cotton (K)	1.0	7	32900	19900	40.00	65.83
Hort. Crop 1	Onion (K)	1.0	26	31200	16200	44.44	39.66
Hort. Crop 2	Brinjal (K)	0.5	29	58000	45000	38.10	118.45
Livestock 1	Dairy (CB Cow)	2	3500	84000	57000	29.63	114.29
Livestock 2	Fodder cafeteria : Sale of root slips	0.5	20000	20000	15000	>100	>100
<b>Total</b>				<b>269100</b>	<b>181100</b>	<b>-</b>	<b>118.72</b>

**Brief:** The farmer used to get annual income of **Rs. 82,800/-** from Groundnut, Onion, Brinjal & Dairy. He faced problems like non-availability of quality seeds, non-adoption of ICM practices and imbalanced feeding in dairy cows. With DFI interventions like **use of quality seeds(Groundnut: DH-256, Onion: Arka Kalyan), adoption of ICM practices, balanced feeding in cow & establishment of fodder cafeteria**, he is now getting net annual income of **Rs.1,81,100/-**. In addition, there is cost saving of **Rs.4200** in the production of **milk**.



**Fodder cafeteria as additional income for farmer as he sells grass slips / fodder seeds**



**Nutrition management in Groundnut**



Name of farmer: Shri Hanumappa H. Roddannavar

Address : At post : Shingatarayanakeri, Block.: Mundaragi, Dist.: Gadag  
Karnataka State

Age 60

Education : SSLC

Size of land holding (in acre): 3.00

## 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	Greengram	2	5.0	20000	9600
Field Crop 2	Groundnut	1	5.5	22000	12000
Field Crop 3	Rabi Sorghum	1	3.0	5400	1400
Hort. Crop 1	Gaillardia	1	25.5	81600	50800
<b>Total</b>				<b>129000</b>	<b>73800</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	Greengram	1.5	4.0	26000	18250	-20.00	90.10
Field Crop 2	Groundnut	1.5	9.5	40850	25550	72.73	112.92
Field Crop 3	Rabi Sorghum	1.5	4.5	11250	4250	50.00	203.57
Hort. Crop1	Gaillardia	1.0	32.0	128000	81800	25.49	61.02
Hort. Crop 2	Tuberose	0.5	13.0	58500	35100	>100	>100
<b>Total</b>				<b>264600</b>	<b>164950</b>	<b>-</b>	<b>123.51</b>

**Brief:** The farmer used to get annual income of Rs. 73,800/- from Groundnut, Greengram, Gaillardia etc. He faced problems like **low productivity of local variety, incidence of pest and disease and Imbalanced nutrition**. With DFI interventions like introduction of **improved varieties (Groundnut:KDG-128, Greengram:DGGV-2), ICM practices and pest and disease management and introduction of Tuberose etc.**, he is now getting net annual income of Rs.1,64,950/-.



KDG-128, a high yielding variety of Groundnut crop adopted by farmer along with ICM practices



Encashing from scientific method of Gaillardia cultivation



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Murigeppagouda L. Patil

Address : At post : Shingatarayanakeri, Block.: Mundaragi, Dist.: Gadag  
Karnataka State

Age 57

Education : 10<sup>th</sup>

Size of land holding (in acre): 4.5

### 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	Greengram (K)	2.5	4.5	18000	10300
Field Crop 2	Groundnut (S)	2.5	11.6	47200	25200
Hort. Crop 1	Gaillardia (K)	0.5	12.0	38400	23800
Hort. Crop 2	Cucumber (R)	0.5	18.5	24050	15050
Hort. Crop 3	Brinjal (K & R)	0.5	24.0	39600	26200
Hort. Crop 4	Chrysanthemum(Kurnool) (K)	0.5	12.0	54000	28700
Hort. Crop 5	Chrysanthemum (Raja) (R)	0.5	11.50	55200	29800
Hort. Crop 6	Tuberose (P)	0.5	9.0	34200	20600
Livestock 1	Dairy (CB Cow)	1	1050	19440	9840
<b>Total</b>				<b>330090</b>	<b>189490</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	Greengram (K)	2.5	8.5	51000	36000	88.89	249.51
Field Crop 2	Groundnut (S)	2.5	18.6	79980	51380	60.34	103.89
Hort. Crop 1	Gaillardia (K)	0.5	16.0	68800	45600	33.33	91.60
Hort. Crop 2	Cucumber (R)	0.5	25.0	37500	18900	35.14	25.58
Hort. Crop 3	Brinjal (K&R)	0.5	33.5	63650	43850	39.58	67.37
Hort. Crop 4	Chrysanthemum (K)	0.5	18.0	108000	72600	50.00	152.96
Hort. Crop 5	Chrysanthemum (R)	0.5	15.0	97500	63200	30.43	112.08
Hort. Crop 5	Tuberose (P)	0.5	12.0	54000	35700	33.33	73.30
Livestock 1	CB Cow	1	1485	35640	23530	41.43	139.13
<b>Total</b>				<b>596070</b>	<b>390760</b>	<b>-</b>	<b>106.22</b>

**Brief:** The farmer used to get annual income of **Rs. 1,89,490/-** from Greengram, Groundnut, Gaillardia, Cucumber, Chrysanthemum, Tuberose, Brinjal & Dairy. He faced problems like non availability of improved seeds, non adoption of ICM practices and imbalanced feeding in cow. With DFI interventions like **introduction of improved varieties (Greengram: DGGV-2, Groundnut: DH-256), ICM practices and balanced feeding in dairy animal**, he is now getting net annual income of **Rs.3,90,760/-**. In addition, there is cost saving of **Rs.3500** in the production of milk.



**Integrated Crop Management in Gaillardia for doubling of income**



**Bountiful crop of DH-256 variety of Groundnut**



Name of farmer: Shri Mallappa Nagappa Gokavi

Address : Chikkasavanur village, Block: Shirahatti, Dist.: Gadag  
State: Karnataka

Age 65

Education : 8<sup>th</sup> Class

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	Greengram (K)	3	6.75	28350	9900
Field Crop 1	Groundnut (S)	2	10.00	40000	20000
Field Crop 2	Local White Onion (S)	1	16.00	19200	9200
Livestock 1	CB Cow	2	3060	55080	27540
<b>Total</b>				<b>142630</b>	<b>66640</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	Greengram (K)	1	3.5	21000	13750	-48.15	38.89
Hort. Crop 1	Onion (K)	1	24.0	43200	23200	>100.0	>100.0
Hort. Crop 2	Cashew (P)	2	18.0	77400	47400	>100.0	>100.0
Livestock 1	CB Cow	2	4080	97920	54960	33.33	99.56
<b>Total</b>				<b>239520</b>	<b>139310</b>	<b>-</b>	<b>109.05</b>

**Brief:** The farmer used to get annual income of **Rs. 66,640/-** from Greengram, Groundnut, Onion & Dairy enterprise. He faced problems like use of local variety, imbalanced nutrition lack of crop diversification etc. With DFI interventions like **use of improved varieties (Greengram: DGGV-2, Onion: Bheema Shubra), ICM practices, balanced nutrition in crops and dairy animals**, he is now getting net annual income of **Rs.1,39,310/-**. In addition, there is cost saving of **Rs.6000/-** in the production of milk.



Demonstration plot of DH-256 variety of Groundnut



Bheema Shubra variety of Onion for higher productivity and market price



Name of farmer: Shri Nagappa Basappa Talakal

Address : At post : Shingatarayanakeri, Block.: Mundaragi, Dist.: Gadag  
Karnataka State

Age 62

Education : 3<sup>rd</sup>

Size of land holding (in acre): 2.50

## 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	Greengram (K)	2	5	20000	9600
Field Crop 2	Groundnut (R)	2	12.4	49600	27200
Field Crop 3	Chrysanthemum(K)	0.5	14	42000	28500
<b>Total</b>				<b>111600</b>	<b>65300</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	Greengram (K)	2	8.5	51000	36000	70.00	275.00
Field Crop 2	Groundnut (R)	2	21.0	90300	57700	69.35	112.13
Hort. Crop1	Chrysanthemum (K)	0.5	20.0	86000	62500	42.86	119.30
Livestock 1	Goat enterprise	12	5	42500	31600	>100	>100
<b>Total</b>				<b>269800</b>	<b>187800</b>	<b>-</b>	<b>187.60</b>

**Brief:** The farmer used to get annual income of **Rs. 65,300/-** from Groundnut, Greengram, Chrysanthemum etc. He faced problems like use of local variety, incidence of pest and disease and Imbalanced nutrition. With DFI interventions like use of **improved varieties (Groundnut:DH-256, Greengram:DGGV-2), ICM practices and Goat enterprise**, he is now getting net annual income of **Rs.1,87,800/-**. In addition, there is cost saving of **Rs.6500** in the production of crops.



KVK Scientists visiting the farmer's field of Greengram



Demonstration under ICM practices in Chrysanthemum



Name of farmer: Shri Shankaragoud L. Patil

Address : Shingatarayanakeri village, Block : Mundaragi, Gadag District, Karnataka State

Age 56

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

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	Greengram (K)	2.5	8.33	33332	19575
Field Crop 2	Maize (K)	2.0	18.00	19800	8800
Field Crop 3	Groundnut (S)	2.5	13.75	55000	27500
Horti. Crop 1	Chrysanthemum (K)	0.5	25.00	75000	45000
Livestock 1	Dairy animal(CB Cow)	1	1080	19440	9840
<b>Total</b>				<b>202572</b>	<b>110715</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	Greengram (K)	1.00	5.83	35000	25000	-30.01	27.71
Field Crop 2	Maize (K)	2.00	28.00	36400	20400	55.56	131.82
Field Crop 3	Groundnut (S)	1.00	9.50	40850	24850	-30.91	-9.64
Horti. Crop 1	Chrysanthemum (K)	1.00	32	144000	104000	28.00	131.11
Horti. Crop 2	Mixed dryland horticulture intercropped with Onion (Bheema Super variety)	1.00	24.0	43200	31200	>100.00	>100.00
Livestock 1	Dairy animal	1	1620	38880	26980	50.00	174.19
<b>Total</b>				<b>338330</b>	<b>232430</b>	<b>-</b>	<b>109.94</b>

**BRIEF:** The farmer used to get annual income of **Rs. 1,10,715/-** from **Greengram, Maize, Groundnut and Chrysanthemum**. He faced problems like low yield of local variety, lack of knowledge on ICM practices and imbalanced feeding. With DFI interventions like **introduction of improved varieties (Greengram:DGGV-2, Groundnut:DH-256), ICM practices, balanced feeding in dairy cow** he is now getting net annual income of **Rs.2,32,430/-**. In addition, there is cost saving of **Rs.4,300/-** in the production of milk.



ICM in DH-256 variety of Groundnut crop



ICM practices for quality flower production in Chrysanthemum



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Somaraddy Mallappa Gokavi

Address : Chikkasavanur village, Block: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 34

Education : Graduate

Size of land holding (in acre): 6.0 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	Greengram (K)	6	15	60000	25500
Field Crop 2	Groundnut (S)	2	11	44000	23000
Field Crop 3	Rabi Sorghum (R)	2	5	10000	4000
Horti. Crop 1	White Onion (R)	2	60	72000	39400
<b>Total</b>				<b>186000</b>	<b>91900</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	Greengram (K)	5.5	19.25	115500	56375	28.33	121.08
Field Crop 1	Groundnut (S)	2	20	86000	54000	81.82	134.78
Field Crop 2	Rabi Sorghum (R)	1.5	8	20000	13000	60.00	225.00
Horticulture Crop 1	White Onion (R)	2	93.5	168300	113000	55.83	186.80
Livestock	Goat	150	30	180000	90000	>100	>100
<b>Total</b>				<b>569800</b>	<b>326375</b>	<b>-</b>	<b>255.14</b>

**BRIEF:** The farmer used to get annual income of Rs. 91,900/- from Groundnut, Rabi Sorghum and White Onion. He faced problems like use of local variety, nutrition problem, pests and diseases. With DFI interventions like improved varieties (Greengram:DGGV-2, Groundnut:DH-256, Rabi Sorghum:SPV-2217), balanced nutrition, ICM practices and goat enterprise, he is now getting net annual income of Rs. 3,26,375/-. In addition, there is cost saving of Rs.28000 in the production of crops.



Farmer along with other farmers in demonstration plot of Groundnut crop



KVK Scientist visit to successful sheep and goat rearing unit of farmer

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag



Name of farmer: **Shri Siddappa Basappa Karikatti**  
 Address : **Hulkoti village, Block.:Gadag, Dist.: Gadag, State: Karnataka**  
 Age : **57**  
 Education : **10<sup>th</sup>**  
 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	Groundnut	6	18	64800	34800
Livestock	CB Cow	2	2500	45000	24000
<b>Total</b>				<b>109800</b>	<b>58800</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
<b>Intercropping of Greengram in Cashew orchard</b>							
Field Crop 1	<b>Greengram:</b> as inter crop in Cashew orchard	6	7	38500	24200	>100	>100
Horti. Crop 1	<b>Cashew crop cultivation:</b> Introduction of Vengurla-4 variety of Cashew crop with ICM practices		10	108000	55600		
Livestock	CB Cow Nutrition	2	3500	94500	54500	40.00	127.08
<b>Total</b>				<b>241000</b>	<b>134300</b>	<b>-</b>	<b>128.40</b>

**Brief:** The farmer used to get annual income of **Rs.58,800/-** from **Groundnut cultivation and rearing of CB Cow**. He faced problems like **non-profitability in field crop cultivation under dryland and low yield of cow milk**. With DFI intervention of **introduction of Cashew crop cultivation along with intercrops and balanced nutrition in cow**, he is now getting net annual income of **Rs.1,34,300/-**.



Farmers interaction on Cashew cultivation



Farmer in his Cashew orchard





Name of farmer: Shri Ramesh Bhimarao Kulkarni

Address : Shingatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age 43

Education : PUC

Size of land holding (in acre): 2.50

### 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	Maize	1.0	8.0	9200	2700
Horti. Crop 1	Marigold	1.0	60.5	36300	12000
Horti. Crop 2	Chrysanthemum	0.5	13.0	65250	43000
<b>Total</b>				<b>110750</b>	<b>57700</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	15	20250	11350	87.50	320.37
Horti. Crop 1	Marigold	1.00	76.5	55845	20245	26.45	68.71
Horti. Crop 2	Chrysanthemum	0.50	20	120000	85400	53.85	98.60
<b>Total</b>				<b>196095</b>	<b>116995</b>	<b>-</b>	<b>102.76</b>

**Brief:** The farmer used to get annual income of Rs. 57,700/- from Maize, Marigold and Chrysanthemum. He faced problems like pest & disease and nutrition deficiency. With DFI interventions like pest & disease management and nutrition management, he is now getting net annual income of Rs.1,16,995/-.



Nutrition management in Maize for higher productivity and income



Timely plant protection measures for quality Marigold flower production



Name of farmer: Shri Basanagoud Sannanavasaganagoud Patil

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 52

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

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	Maize	3	24.00	26400	8400
Horticulture Crop 1	Tomato	1	58.50	32175	13575
<b>Total</b>				<b>58575</b>	<b>21975</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	3.00	42	54600	30600	75	264.29
	<b>Vegetable Cafeteria:</b>						
Horticulture Crop 1	Ridgegourd	0.25	6.00	12600	9100	>100	>100
Horticulture Crop 2	Dolichos Bean	0.25	7.00	14000	9600	>100	>100
Horticulture Crop 3	French Bean	0.25	5.00	10000	4200	>100	>100
Horticulture Crop 4	Okra	0.125	4.50	9000	6400	>100	>100
Horticulture Crop 5	Coriander	0.125	3.90	9750	6750	>100	>100
<b>Total</b>				<b>109950</b>	<b>66650</b>	<b>-</b>	<b>203.30</b>

**Brief:** The farmer used to get annual income of Rs. 21,975/- from **Maize and Tomato**. He faced problems like **pest & disease problem in Maize** and **non-profitability of tomato cultivation**. With DFI interventions like **ICM practices in Maize**, introduction of **Vegetable Cafeteria with pest & disease management**, he is now getting net annual income of **Rs.66,650/-**.



**Integrated Management Practices in Maize for realisation of better income**



**Vegetable cafeteria : A boon for ensuring higher income for vegetable growers**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Subhas H. Adappagoudar

Address : Hulkoti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 45

Education : B.Com

Size of land holding (in acre): 10.00

### 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	Groundnut	10.00	45.00	180000	95000
<b>Total</b>				<b>180000</b>	<b>95000</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
Horti. Crop 1	<b>Cashew:</b> Introduction of Vengurla-4 variety of Cashew crop with ICM practice	10.00	40.00	432000	302400	>100	>100
<b>Total</b>				<b>432000</b>	<b>302400</b>	<b>-</b>	<b>218.32</b>

**Brief:** The farmer used to get annual income of Rs.95,000/- from **Groundnut cultivation**. He faced problems like **non-profitability of Groundnut cultivation due to moisture stress in critical stages**. With DFI interventions of **introduction of Cashew cultivation along with marketing linkage**, he is now getting net annual income of Rs.3,02,400/-.



Farmer in his Cashew orchard



Farmer with Cashew Experts



Best Cashew Farmer Award conferred by DCCD, Cochin

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag



Name of farmer: Shri Bheemappa Hanumappa Roddanavar

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age 60

Education : PUC

Size of land holding (in acre): 5.50

### 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	Bt. Cotton (K)	2.0	15.0	67500	42000
Field Crop 2	Greengram (K)	2.0	5.0	20000	11400
Field Crop 3	Groundnut (S)	2.0	11.0	35200	17800
Horti. Crop 1	Chrysanthemum (K)	1.0	19.0	85000	45500
Horti. Crop 3	Tuberose (P)	0.5	19.0	66500	16500
Livestock	CB Cow	2 No.	3380	81120	47120
<b>Total</b>				<b>355320</b>	<b>180320</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	Bt.Cotton (K)	2.00	19.00	95000	63000	26.67	50.00
Field Crop	Greengram (K)	2.00	8.50	51000	36000	70.00	215.79
Field Crop	Groundnut (S)	2.00	18.00	72000	43500	63.64	144.38
Horti. Crop	Chrysanthemum (K)	1.00	27.00	148500	98500	42.11	116.48
Horti. Crop	Tuberose (P)	0.50	26.00	111800	61800	36.84	274.55
Livestock	CB Cow : Nutrition	2 No.	4160	116480	61480	23.08	30.48
<b>Total</b>				<b>594780</b>	<b>364280</b>	<b>-</b>	<b>102.02</b>

**Brief:** The farmer used to get annual income of Rs. 1,80,320/- from Bt.Cotton, Greengram, Groundnut, Chrysanthemum and Tuberose along with dairy farming. He faced problems like pest and disease incidence, low yield of local variety and nutrition deficiency. With DFI interventions like **pest, disease & nutrition management and adoption of improved varieties (Greengram:DGGV-2, Groundnut:DH-256)** and dairy farming technologies, he is now getting net annual income of Rs.3,64,280/-.



Blooming flowers through balanced nutrition for marketability and profitability in Chrysanthemum crop



Scientific Tuberose cultivation for better income prospects in DFI village



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Ramanagoud U. Hiregoudar

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age 58

Education : B.Sc.

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	Maize (K)	3.0	24.0	28800	10500
Field Crop 2	Greengram (K)	2.0	4.9	19600	6600
Field Crop 3	Groundnut (S)	2.0	10.0	42000	21200
Horti. Crop 1	Chrysanthemum (K)	1.0	18.0	108000	63000
<b>Total</b>				<b>198400</b>	<b>101300</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 (K)	3.0	40.50	54675	29975	68.75	185.48
Field Crop 2	Groundnut (R)	3.0	26.25	120750	86400	162.50	307.55
Horti. Crop 1	Chrysanthemum (K)	1.0	26.00	169000	119000	44.44	88.89
Livestock	CB Cow	2 No.	3900	109200	60060	>100.00	>100.00
<b>Total</b>				<b>453625</b>	<b>295435</b>	<b>-</b>	<b>191.64</b>

**Brief:** The farmer used to get annual income of Rs. 1,01,300/- from Maize, Greengram, Groundnut and Chrysanthemum. He faced problems like pest & disease incidence, lack of crop diversification and nutrition deficiency. With DFI interventions like **pest, disease, and nutrition management and introduction of dryland Mango, Cashew and Tamarind and rearing of CB Cow**, he is now getting net annual income of Rs.2,95,435/-.



Integrated Crop Management in Maize in DFI village



Nutrition and bud borer management in Chrysanthemum



Name of farmer: **Shri Shiddalingayya Basayya Hiremath**  
 Address : **Shirol village, Block.:Gadag, Dist.: Gadag,**  
**State: Karnataka**  
 Age **42**  
 Education : **SSLC**  
 Size of land holding (in acre): **2.50**

### 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	Greengram	1.00	2.00	8600	4100
Field Crop 2	Groundnut	1.00	6.00	25200	16500
Field Crop 3	Maize	1.00	9.00	10800	4700
Horti. Crop 1	Green Chilli	0.50	8.50	59500	28900
Livestock	Cow	1 No.	750	13500	7900
<b>Total</b>				<b>117600</b>	<b>62100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Productin (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	<b>Bt.Cotton+Greengram:</b> Bt.Cotton & Greengram intercropping system	1.0	8.6 (CEY : Bt.Cotton)	43000	27000	330.00	558.54
Field Crop 2	Maize	1.0	13.0	16900	9000	44.44	91.49
Field Crop 3	Groundnut	1.0	9.0	36000	24000	50.00	45.45
Horti. Crop 1	Green Chilli	0.5	11.5	89700	56250	35.29	94.64
Livestock	<b>Cow:</b> Nutrition	1 No.	1000	24000	15500	33.33	96.20
<b>Total</b>				<b>209600</b>	<b>131750</b>	<b>-</b>	<b>112.16</b>

**Brief:** The farmer used to get annual income of **Rs.62,100/-** from **Greengram, Groundnut, Maize, Green Chilli and Dairy**. He faced problems like **mono cropping, pest and disease, imbalanced nutrition and improper feeding of cow**. With DFI interventions like **intercropping system (Bt.Cotton+Greengram), ICM practices and balanced nutrition** he is now getting net annual income of **Rs.1,31,750/-**. In addition, there is cost saving of **Rs.3500/-** in the production of **milk**.



**Bt. Cotton intercropped with Greengram fetching income security to farmer**



**Balanced nutrition in milch animals for increased milk productivity**



Name of farmer: Shri Nurappa Ishwar Pujar

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 49

Education : 3<sup>rd</sup> Class

Size of land holding (in acre): 4.20

## 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	Maize (K)	2.20	20.00	24000	6500
Field Crop 2	Greengram (K)	2.00	5.50	24750	13150
Field Crop 3	Groundnut (S)	2.00	11.00	50600	34800
<b>Total</b>				<b>99350</b>	<b>54450</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 (K)	2.20	27.50	37125	16525	37.50	154.23
Field Crop 2	Greengram (K)	1.00	4.00	24800	17900	-27.27	36.12
Field Crop 3	Groundnut (S)	1.00	8.00	46400	37300	-27.27	7.18
Livestock 1	Goat	15	5.00	40000	31000	>100	>100
Livestock 2	Cow	1	520	14560	8300	>100	>100
<b>Total</b>				<b>162885</b>	<b>111025</b>	<b>-</b>	<b>103.90</b>

**Brief:** The farmer used to get annual income of **Rs.54,450/-** from Maize, Greengram and Groundnut. He faced problems like low yield of local varieties, high incidence of pest and disease, lack of diversification of crops and enterprises and nutrition deficiency in crops. With DFI interventions like **balanced nutrition, pest and disease management and varietal introduction (Greengram: DGGV-2)** along with livestock enterprises and **Cashew cultivation**, he is now getting net annual income of **Rs.1,11,025/-**.



Demonstration of Maize crop with ICM practices



DH-256 variety of Groundnut crop for higher productivity



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Basavaraj Halli

Address : Shagoti village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 38

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	Groundnut	4	14	54600	22600
<b>Total</b>				<b>54600</b>	<b>22600</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
Horti. Crop 1	<b>Cashew:</b> Introduction of Vengurla-4 variety of Cashew crop with ICM practice	4	12.80	138240	83240	>100.00	>100.00
	Intercrop of Groundnut in Cashew Orchard	-	12.00	60000	32000	-14.29	41.59
<b>Total</b>				<b>198240</b>	<b>115240</b>	<b>-</b>	<b>409.91</b>

**Brief:** The farmer used to get annual income of Rs.22,600/- from **Groundnut cultivation**. He faced problems like **non-profitability of Groundnut cultivation in rainfed situation**. With DFI interventions like **introduction of Cashew crop and cultivation of Groundnut as intercrop**, he is now getting net annual income of **Rs.1,15,240/-**.



Cashew farmer in his established Cashew orchard



Name of farmer: **Shri Bharamappa Beerappa Dollin**

Address : **Eklaspur village, Block.: Gadag, Dist.: Gadag, State: Karnataka**

Age **54**

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

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	Greengram (K)	2.00	3.75	15000	8000
Field Crop 2	Rabi Sorghum (R)	2.00	8.00	14400	6900
Field Crop 3	Bengalgram (R)	2.00	6.00	22800	14800
<b>Total</b>				<b>52200</b>	<b>29700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Inco	Net Income (Rs.)	Production	Income
Field Crop 1	Greengram (K)	2.00	5.50	31900	19000	46.67	137.50
Field Crop 2	Rabi Sorghum (R)	2.00	11.50	25300	14800	43.75	114.49
Horti. Crop 1	Ashwagandha (R)	2.00	4.00	72000	44000	>100.00	>100.00
<b>Total</b>				<b>129200</b>	<b>77800</b>	<b>-</b>	<b>161.95</b>

**Brief:** The farmer used to get annual income of **Rs.29,700/-** from Greengram, Rabi Sorghum and Bengalgram. He faced problems like non-profitability of Bengalgram in drought like situation and low yield of Greengram and Rabi Sorghum crops due to use of local varieties. With DFI interventions like **introduction of Ashwagandha and varietal introduction with ICM practices in Rabi Sorghum (SPV-2217) and Greengram (DGGV-2)**, he is now getting net annual income of **Rs.77,800/-**.



**Ashwagandha, a medicinal herb for ensuring stable income during agricultural drought years**



Name of farmer: Shri Kotragouda Basanagouda Patil

Address : Chikkasavanur village, Block.: Shirahatti, Dist.:  
Gadag, State: Karnataka

Age 49

Education : PUC

Size of land holding (in acre): 4.50

## 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	Greengram (K)	2.0	5	20000	8500
Field Crop 2	Maize (K)	2.0	20	25000	11000
Field Crop 3	Groundnut (S)	2.0	12	48000	28000
Horti. Crop 1	Cucumber (K)	0.5	22	28600	20600
<b>Total</b>				<b>121600</b>	<b>68100</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	Greengram (K)	2.00	7.5	43500	29500	50.0	247.06
Field Crop 2	Maize+Redgram: Intercropping system (K)	2.00	56.0 (CEY)	76049	43729	180.0	297.54
Field Crop 3	Groundnut (S)	2.00	18.5	79550	49550	54.17	76.96
Horti. Crop 1	Marigold (K)	0.50	29	43500	33500	>100	>100
<b>Total</b>				<b>242599</b>	<b>156279</b>	<b>-</b>	<b>129.48</b>

**Brief:** The farmer used to get annual income of **Rs. 68,100/-** from Maize, Greengram, Groundnut and Cucumber. He faced problems like pests, diseases, monocropping, moisture stress, imbalanced nutrition. With DFI interventions like **intercropping system Maize + Redgram (TS-3R)**, improved varieties (**Greengram: DGGV-2, Groundnut-DH-256**), balanced nutrition, pest management and introduction of **Marigold**, he is now getting net annual income of **Rs.1,56,279/-**.



Maize+Redgram intercropping system for ensuring higher income



Maize+Redgram intercropping system for ensuring higher income



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Mahadevappa Basappa Kanakeri

Address : Chikkasavanur Village, Block: Shirahatti,

Dist.: Gadag, State: Karnataka

Age 58

Education : SSLC

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	Greengram (K)	4	9.0	36000	13400
Field Crop 2	Groundnut (S)	3	18.0	72000	39000
Field Crop 3	Maize (K)	2	30.0	33000	22000
Horti. Crop 1	White Onion (S)	1	15.5	18600	8600
Livestock 1	CB Cow	1	1658	33160	21554
<b>Total</b>				<b>192760</b>	<b>104554</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	Greengram (K)	4	12.0	70800	35000	33.33	161.19
Field Crop 2	Groundnut (S)	3	28.5	122550	76050	58.33	95.00
Field Crop 3	Maize+Redgram: Intercropping system (K)	2	46.78 (CEY)	63168	36439	55.93	65.63
Horti. Crop 1	White Onion (S)	1	25.0	45000	23500	61.29	173.26
Livestock 1	CB Cow	1	2040	59160	54785	23.04	154.18
<b>Total</b>				<b>360678</b>	<b>225774</b>	<b>-</b>	<b>115.94</b>

**Brief:** The farmer used to get annual income of **Rs. 1,04,554/-** from Greengram, Groundnut, Maize, White Onion and Dairy. He faced problems like low productivity due to local variety, pests, diseases and monocropping. With DFI interventions like **improved varieties (Greengram:DGGV-2, Groundnut:DH-256, intercropping system (Maize+Redgram) , balanced nutrition in crops and CB Cow**, he is now getting net annual income of **Rs.2,25,774/-**. In addition, there is cost saving of **Rs.7200** in the production of milk.



Improved variety and ICM practices in Summer Groundnut crop benefitted the farmer in terms of better income



KVK Scientists monitoring the Greengram field of farmer



Name of farmer: Shri Ningappa Fakeerappa Hombal

Address : Eklaspur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 52

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

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	Greengram (K)	2.00	4.00	16000	9000
Field Crop 2	Rabi Sorghum (R)	2.00	7.50	13500	5500
Field Crop 3	Sunflower (R)	3.00	9.00	35100	20100
<b>Total</b>				<b>64600</b>	<b>34600</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	Greengram (K)	2.00	5.00	26000	17000	25.00	88.89
Field Crop 2	Rabi Sorghum (R)	2.00	12.00	25800	15300	60.00	178.18
Horti. Crop 1	Ashwagandha (R)	3.00	5.80	104400	42000	>100.00	>100.00
<b>Total</b>				<b>156200</b>	<b>74300</b>	<b>-</b>	<b>114.74</b>

**Brief:** The farmer used to get annual income of **Rs.34600/-** from Greengram, Sunflower and Rabi Sorghum. He faced problems like non-profitability of Sunflower and low yield of Rabi Sorghum. With DFI interventions like **introduction of Ashwagandha crop and introduction of improved variety in Rabi Sorghum (SPV-2217) and ICM technologies in Greengram crop**, he is now getting net annual income of **Rs.74,300/-**.



**Introduction of Ashwagandha crop for drought proofing in rain shadow areas**



Name of farmer: Shri Sanjeevappa Mahadevappa Godachalli

Address : Chikkasavanur village, Block: Shirahatti, Dist.: Gadag  
State: Karnataka

Age 30

Education : SSLC

Size of land holding (in acre): 2.50

### 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	Greengram (K)	1.0	3.5	13300	8800
Field Crop 2	Groundnut (S)	1.5	9.0	36000	21000
Field Crop 3	Rabi Sorghum (R)	2.5	7.5	13500	4750
<b>Total</b>				<b>62800</b>	<b>34550</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	Greengram+Bt.Cotton (K)	1.0	7.99 (CEY)	35980	25530	128.29	190.11
Field Crop 2	Groundnut (S)	1.5	14.00	60200	37700	55.56	79.52
Field Crop 3	Rabi Sorghum (R)	1.5	6.75	16870	7570	-10.00	59.37
<b>Total</b>				<b>113050</b>	<b>70800</b>	<b>-</b>	<b>104.92</b>

**Brief:** The farmer used to get annual income of Rs. 34,550/- from Greengram, Rabi Sorghum and Groundnut. He faced problems like use of local variety, monocropping, lack of knowledge on ICM practices. With DFI interventions like **use of improved varieties (Groundnut:DH-256), intercropping system (Greengram+Bt.Cotton) and ICM practices** he is now getting net annual income of Rs.70,800/-.



Bountiful crop of DGGV-2 variety of Greengram with ICM practices



DH-256 variety of Groundnut for higher productivity



Name of farmer: Shri Bheemappa Mallappa Nandikeshwar

Address : At post : Shingatarayanakeri, Block.: Mundaragi, Dist.: Gadag  
State: Karnataka

Age 45

Education : 7<sup>th</sup>

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	Maize (K)	2.5	18.5	20350	10230
Field Crop 2	Greengram (K)	2.5	4.4	17600	8600
Field Crop 3	Groundnut (S)	2.5	15.0	60000	30000
Hort. Crop 1	Chrysanthemum (K)	0.5	14.0	42000	25600
<b>Total</b>				<b>139950</b>	<b>74430</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 (K)	2.5	26	35100	17300	40.54	69.11
Field Crop 2	Greengram (K)	2.5	8.2	47200	33000	86.36	283.72
Field Crop 3	Groundnut (S)	2.5	23.75	102125	57125	58.33	90.42
Hort. Crop 1	Chrysanthemum (K)	0.5	19.5	78000	52400	39.29	104.69
Livestock	CB Cow	2	1040	29120	14120	>100	>100
<b>Total</b>				<b>291545</b>	<b>173945</b>	<b>-</b>	<b>133.70</b>

Brief: The farmer used to get annual income of Rs. 74,430/- from Maize, Groundnut, Greengram & Chrysanthemum. He faced problems like use of local variety, imbalanced nutrition and incidence of pest and disease. With DFI interventions like **introduction of improved varieties (Greengram: DGVV-2, Groundnut: DH-256)**, pest and disease management, ICM practices & Dairy enterprise, he is now getting net annual income of Rs.1,73,945/-.



ICM practices adopted by farmer for higher income in Groundnut crop



ICM practices in Chrysanthemum for enhancing the income of farmer



Name of farmer: Shri Chandrappa H. Kadampur

Address : At post : Shingatarayanakeri, Block.: Mundaragi, Dist.: Gadag

Karnataka State

Age : 43

Education : 6<sup>th</sup>

Size of land holding (in acre): 5.00

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 (K)	2.0	5.5	22000	7700
Field Crop 2	Maize (K)	2.0	19.0	20900	8900
Field Crop 3	Groundnut (S)	2.0	11.5	46000	23500
Hort. Crop 1	Chrysanthemum (K)	0.5	15.0	67500	41100
Hort. Crop 2	Brinjal (K)	0.5	22.0	35200	21700
<b>Total</b>				<b>191600</b>	<b>102900</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 (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram (K)	2.0	9	54000	33000	63.64	328.57
Field Crop 2	Maize (K)	2.0	33	42900	24900	73.68	179.78
Field Crop 3	Groundnut (S)	2.0	20	86000	52400	73.91	122.98
Hort. Crop 1	Chrysanthemum (K)	0.5	20	120000	83800	33.33	103.89
Hort. Crop 2	Brinjal (K)	0.5	31	62000	43300	40.91	99.54
Livestock	Cow	1	675	16200	9200	>100	>100
<b>Total</b>				<b>381100</b>	<b>246600</b>	<b>-</b>	<b>139.65</b>

**Brief:** The farmer used to get annual income of **Rs. 1,02,900/-** from Maize, Groundnut, Brinjal, Chrysanthemum etc. He faced problems like low productivity of local varieties, and lack of knowledge on ICM practices. With DFI interventions like **introduction of high yielding varieties (Greengram:DGGV-2, Groundnut:DH-256), ICM practices, nutrition in cow and vermicompost unit**, he is now getting net annual income of **Rs.2,46,600/-**. In addition, there is cost saving of **Rs.5500** in the production of crops.



DH-256 variety of Groundnut crop for higher productivity and income



Field day on Chrysanthemum crop organised in farmer's field



Name of farmer: Shri Sharanappa Narasappa Godachalli

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 38

Education : 4<sup>th</sup> Class

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	Greengram (K)	3	7.2	33840	20040
Field Crop 2	Groundnut (S)	3	15.0	64494	41220
Field Crop 3	Maize (K)	2	23.0	29900	16400
<b>Total</b>				<b>128234</b>	<b>77660</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	Greengram (K)	3.00	10.8	60480	44280	50.00	120.96
Field Crop 2	Groundnut (S)	3.00	27.6	126960	90960	84.00	120.67
Field Crop 3	Maize (K)	2.00	32.0	48000	33000	39.13	101.22
<b>Total</b>				<b>235440</b>	<b>168240</b>	<b>-</b>	<b>116.64</b>

**Brief:** The farmer used to get annual income of Rs. 77,660/- from Greengram, Groundnut and Maize. He faced problems like low yield of local variety, pest and disease and imbalanced nutrition. With DFI interventions like **ICM practices, adoption of improved varieties (Greengram:DGGV-2, Groundnut: DH-256) and pest and disease management**, he is now getting net annual income of Rs.1,68,240/-.



**Bumper income from adoption of ICM practices in Greengram**



**ICM practices in Maize crop for higher productivity**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Ishappa Narasappa Guddadavar

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 38

Education : 4<sup>th</sup> Class

Size of land holding (in acre): 3.00

### 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	Greengram (K)	3	7.80	35880	22380
Field Crop 2	Groundnut (S)	1	5.60	24640	15640
Field Crop 3	Rabi Sorghum (R)	2	5.00	10500	5000
Livestock	CB Cow	1	1560	37440	25680
<b>Total</b>				<b>108460</b>	<b>68700</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	Greengram (K)	3	12.75	70125	47625	63.46	112.80
Field Crop 2	Groundnut (S)	1	8.50	40375	28875	51.79	84.62
Field Crop 3	Rabi Sorghum (R)	2	7.00	17500	10300	40.00	106.00
Livestock	CB Cow: Nutrition	2	3640	101920	62300	133.33	142.60
<b>Total</b>				<b>229920</b>	<b>149100</b>	<b>-</b>	<b>117.03</b>

**Brief:** The farmer used to get annual income of Rs. 68,700/- from Greengram, Groundnut and Rabi Sorghum. He faced problems like low productivity of local variety, pest and disease. With DFI interventions like **Introduction of improved varieties (Greengram:DGGV-2, Groundnut:DH-256, Rabi Sorghum:SPV-2217), ICM practices and pest and disease management**, he is now getting net annual income of Rs.1,49,100/-.



**DGGV-2 : A promising variety of Greengram for higher income**



**Adoption of ICM practices in DH-256 variety of Groundnut**



Name of farmer: Shri Govindappa Narasappa Kanakareddy  
 Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
 State: Karnataka  
 Age 36  
 Education : 8<sup>th</sup> 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	Greengram (K)	4	11.2	50400	31200
Field Crop 2	Groundnut (S)	2	9.0	38700	25600
Field Crop 3	Rabi Sorghum (R)	2	5.0	11000	5400
<b>Total</b>				<b>100100</b>	<b>62200</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	Greengram (K)	3	12.00	66000	44250	7.14	41.83
Field Crop 2	Groundnut (S)	2	19.00	91200	70000	111.11	173.44
Field Crop 3	Maize (K)	1	15.00	24000	14700	>100	>100
Field Crop 4	Rabi Sorghum (R)	1	4.50	11250	3850	-10.00	-28.70
<b>Total</b>				<b>192450</b>	<b>132800</b>	<b>-</b>	<b>113.50</b>

**Brief:** The farmer used to get annual income of Rs. 62,200/- from Greengram, Groundnut and Rabi Sorghum. He faced problems like low productivity in local variety, imbalanced nutrition and pest and disease. With DFI interventions like **introduction of improved varieties, ICM practices and pest and disease management**, he is now getting net annual income of Rs.1,32,800/-.



Bountiful crop through adoption of improved variety and ICM practices



Enhanced farmer's income through balanced plant nutrition and high yielding variety in groundnut crop



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Hanumappa Shivappa Pujar

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 62

Education : 3<sup>rd</sup> Class

Size of land holding (in acre): 4.28

### 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	Greengram (K)	2.28	8.25	33000	9000
Field Crop 2	Foxtail Millet (K)	2.00	6.00	10800	6800
Field Crop 3	Bengalgram (R)	1.00	3.00	8100	4600
Field Crop 4	Groundnut (S)	2.28	11.60	46400	28900
Hort. Crop 1	White Onion (S)	1.00	28.50	42750	24150
Livestock 1	CB Cow	2 No.	2160	38800	22800
<b>Total</b>				<b>179850</b>	<b>96250</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	Greengram (K)	2.28	12.00	72000	42300	45.45	370.00
Field Crop 2	Foxtail Millet (K)	2.00	12.00	30000	23000	100.00	238.24
Field Crop 3	Bengalgram (R)	1.00	4.50	18900	10900	50.00	136.96
Field Crop 4	Groundnut (S)	2.28	17.00	74800	48800	46.55	68.86
Hort. Crop 1	White Onion (S)	1.00	37.5	67500	42700	31.58	76.81
Livestock 1	CB Cow	2 No.	3780	90720	65720	75.00	188.25
<b>Total</b>				<b>353920</b>	<b>233420</b>	<b>-</b>	<b>142.51</b>

**Brief:** The farmer used to get annual income of Rs. 96,250/- from Groundnut, Foxtail Millet and CB Cow. He faced problems like low productivity of local variety, pest and disease and imbalanced feeding in dairy cows. With DFI interventions like **introduction of improved varieties (Greengram:DGGV-2, Groundnut:DH-256, Foxtail millet: DHFt-109-03, Onion:Bheema shubra)** pest and disease management and balanced feeding in cow, he is now getting net annual income of Rs.2,33,420/-. In addition, there is cost saving of Rs.3780/- in the production of milk.



Farmer's participation in KVK programme for improved income in Groundnut crop



Farmer established fodder cafeteria for balanced nutrition in milch animals



Name of farmer: Shri Ramesh Narasappa Suranagi

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 38

Education : 3<sup>rd</sup> Class

Size of land holding (in acre): 3.00

### 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	Greengram (K)	1.00	2.50	10000	3000
Field Crop 2	Groundnut (S)	1.00	6.00	24900	16400
Field Crop 3	Maize (K)	2.00	24.00	32400	18400
<b>Total</b>				<b>67300</b>	<b>37800</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	Greengram (K)	1.00	3.5	21000	11800	40.00	293.33
Field Crop 2	Groundnut (S)	1.00	9.00	40500	26500	50.00	61.59
Field Crop 3	Maize+Redgram intercropping system (K)	2.00	40.33 (CEY)	60500	40200	68.04	118.48
<b>Total</b>				<b>122000</b>	<b>78500</b>	<b>-</b>	<b>107.67</b>

**Brief:** The farmer used to get annual income of Rs. 37,800/- from Greengram, Groundnut and Maize. He faced problems like monocropping, low yield of local variety and pest and disease incidence. With DFI interventions like **introduction of improved varieties (Greengram:DGGV-2, Groundnut:DH-256), ICM practices and intercropping system**, he is now getting net annual income of Rs.78,500/-.



**DH-256: A high yielding variety of Groundnut crop for enhancing income**



**Assured income from Maize+Redgram intercropping system**



Name of farmer: Shri Yellappa Shivappa Achalli

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 59

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.)
Field Crop 1	Greengram (K)	3.00	7.50	30750	9750
Field Crop 2	Groundnut (S)	2.00	11.60	48720	30120
Field Crop 3	Redgram (K)	2.00	5.00	22500	10500
Field Crop 4	Rabi Sorghum (R)	1.00	2.50	5000	2000
<b>Total</b>				<b>106970</b>	<b>52370</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	Greengram (K)	3.00	12.00	48000	20800	60.00	113.33
Field Crop 2	Groundnut (S)	2.00	18.50	83200	62250	59.48	106.67
Field Crop 3	Redgram (K)	2.00	8.50	42500	27500	70.00	161.90
Field Crop 4	Rabi Sorghum (R)	1.00	5.50	12000	7000	120.00	250.00
Livestock	Cow	1 No.	650	16900	8900	100	100.00
<b>Total</b>				<b>202600</b>	<b>126450</b>	<b>-</b>	<b>141.46</b>

**Brief:** The farmer used to get annual income of Rs. 52,370/- from Greengram, Groundnut, Redgram and Rabi Sorghum. He faced problems like low yield of local variety, imbalance nutrition and pest and disease. With DFI interventions like **introduction of high yielding varieties (Greengram:DGGV-2, Groundnut:DH-256, Redgram:TS-3R, Rabi Sorghum: SPV-2217)**, pest and disease management, plant nutrition and **Cow rearing**, he is now getting net annual income of Rs.1,26,450/-.



Balanced nutrient application for increased yield and income in groundnut



Balanced nutrient application for increased yield and income in groundnut crop



Name of farmer: Shri Narasappa Narasappa Shagoti

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 60

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

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	Greengram (K)	1.00	2.50	10500	3500
Field Crop 2	Rabi Sorghum (R)	1.00	3.00	5400	1400
Field Crop 3	Maize (K)	3.00	24.00	31200	10800
Horti. Crop 1	Ridgegourd (K)	0.50	12.00	22080	10080
Horti. Crop 2	Dolichos Bean (K)	0.50	10.50	16800	11800
Livestock	CB Cow	1 No.	1560	37440	18940
<b>Total</b>				<b>123420</b>	<b>56520</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	Greengram (K)	1.00	3.00	18000	9000	20.00	157.14
Field Crop 2	Rabi Sorghum (R)	1.00	4.00	10000	4700	33.33	235.71
Field Crop 3	Maize (K)	3.00	42.00	69300	36130	75.00	234.54
Horti. Crop 1	Ridgegourd (K)	0.50	17.50	35000	18300	45.83	81.55
Horti. Crop 2	Dolichos Bean (K)	0.50	15.50	31000	21400	47.62	81.36
Livestock	CB Cow: Nutrition	1 No.	1820	47320	26026	16.67	37.41
<b>Total</b>				<b>210620</b>	<b>115556</b>	<b>-</b>	<b>104.45</b>

**Brief:** The farmer used to get annual income of Rs. 56,520/- from Greengram, Rabi sorghum Maize, Ridgegourd and Beans. He faced problems like pest and disease, low productivity of local variety. With DFI interventions like ICM practices, introduction of improved varieties (Greengram: DGGV-2, Rabi Sorghum: SPV-2217, Ridgegourd: Arka Prasanna), pest and disease management and nutrition in Cow, he is now getting net annual income of Rs.1,15,556/-.



Split application of Nitrogen in Maize for better productivity and income



Farmer participating in FLD programme in Ridgegourd



Name of farmer: Shri Ramesh Bheemanna Bavanur

Address : Chikkasavanur village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age 35

Education : PUC

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	Greengram (K)	1.50	3.75	15000	5200
Field Crop 2	Maize (K)	2.00	16.50	18975	6475
Horti. Crop 1	White Onion (S)	1.50	49.50	49500	31000
<b>Total</b>				<b>83475</b>	<b>42675</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	Greengram (K)	1.50	6.00	36000	21000	60.00	303.85
Field Crop 2	Maize (K)	2.00	32.00	43200	25200	93.94	289.19
Horti. Crop 1	Onion (S)	1.50	66.00	92400	68200	33.33	120.00
<b>Total</b>				<b>171600</b>	<b>114400</b>	<b>-</b>	<b>168.07</b>

**Brief:** The farmer used to get annual income of Rs. 42,675/- from Greengram, Maize and White Onion (local). He faced problems like pest, disease and improper nutrient management and low yield of local variety. With DFI interventions like **INM practices, introduction of improved varieties and pest and disease management**, he is now getting net annual income of Rs.1,14,400/-.



Bountiful crop of Maize through balanced nutrition management practices



Bheema Shubra: A high yielding white Onion variety introduced for higher income



Name of farmer: Shri Kotrappa Basappa Shirund

Address : Shingatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 63

Education : 3<sup>rd</sup> Class

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	Greengram (K)	1	2.4	9600	3800
Field Crop 2	Groundnut (S)	1	5.5	23100	14200
Field Crop 3	Maize (K)	2	17.0	19550	6950
Horti. Crop 1	Marigold (K)	1	55.5	27750	14250
<b>Total</b>				<b>80000</b>	<b>39200</b>

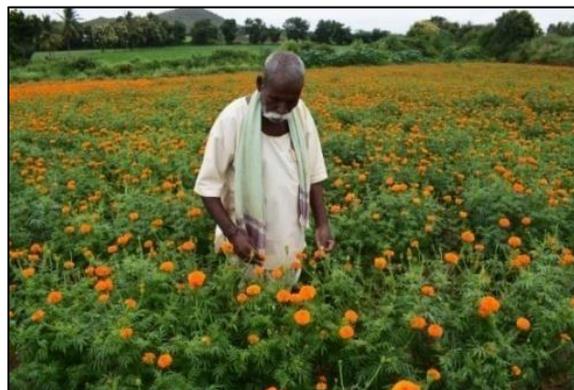
## 2) Status in 2020

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	Greengram (K)	1	3.9	23400	13500	62.5	255.26
Field Crop 2	Groundnut (S)	1	9.0	40500	27100	63.64	90.85
Field Crop 3	Maize (K)	2	28.0	37800	23500	64.71	238.13
Horti. Crop 1	Marigold (K)	1	62.5	40625	25625	12.61	79.82
<b>Total</b>				<b>142325</b>	<b>89725</b>	<b>-</b>	<b>128.89</b>

**Brief:** The farmer used to get annual income of **Rs. 39,200/-** from Greengram, Groundnut, Maize, and Marigold. He faced problems like lack of improved variety of seeds, pest & disease and nutrition deficiency. With DFI interventions like **improved varieties (Greengram: DGGV-2, Groundnut-DH-256), pest & disease management and ICM practices**, he is now getting net annual income of **Rs.89,725/-**.



ICM practices for getting higher income in Groundnut crop



Marigold : A promising crop for higher income in DFI village



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Mahalingappa Hanumappa Shirund

Address : Shingatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 40

Education : PUC

Size of land holding (in acre): 1.50

### 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	Greengram (K)	0.5	1.0	4200	2300
Horti. Crop 1	Marigold (K)	1.0	52.0	23400	10400
Horti. Crop 2	Onion (S)	0.5	19.5	19500	14200
Livestock	CB Cow	1	1560	37440	22464
<b>Total</b>				<b>84540</b>	<b>49364</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	Greengram (K)	0.50	1.75	10500	7000	75.00	204.35
Horti. Crop 1	Marigold (K)	1.00	70.00	59500	34000	34.62	226.92
Horti. Crop 2	Onion (S)	0.50	30.00	42000	30400	53.85	114.08
Livestock	CB Cow	1 No.	1950	50700	27885	25.00	24.13
<b>Total</b>				<b>162700</b>	<b>99285</b>	<b>-</b>	<b>101.13</b>

**Brief:** The farmer used to get annual income of Rs. 49,364/- from Greengram, Marigold, Onion and Cow rearing. He faced problems like pest and disease, nutrition deficiency and low yield of local varieties. With DFI interventions like **improved varieties (Greengram: DGGV-2, Onion:Bheema Super), ICM practices and nutrition in Cow**, he is now getting net annual income of Rs.99,285/-.



Good quality flower production through nutrition management and timely plant protection



Bheema Super variety of Onion introduced for realisation of higher income

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Prakash Channappa Halli

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 30

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	Greengram (K)	1.0	2.5	10000	5200
Field Crop 2	Groundnut (S)	1.0	6.0	19200	10900
Field Crop 3	Maize (K)	2.0	17.0	19550	7550
Horti. Crop 1	Tuberose (P)	0.5	21.0	56280	36280
Horti. Crop 2	Gaillardia (K)	0.5	15.0	52500	36900
<b>Total</b>				<b>157530</b>	<b>96830</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	Greengram (K)	1.00	4.0	24000	16500	60.00	217.31
Field Crop 2	Groundnut (S)	1.00	8.5	35700	22900	41.67	110.09
Field Crop 3	Maize (K)	2.00	29.0	39150	23550	70.59	211.92
Horti. Crop 1	Tuberose (P)	0.50	26.0	92560	67260	23.81	85.39
Horti. Crop 2	Gaillardia (K)	0.50	23.0	92000	69700	53.33	88.89
Livestock	CB Cow	1 No.	520.0	14560	8010	>100	>100
<b>Total</b>				<b>297970</b>	<b>207920</b>	<b>-</b>	<b>114.73</b>

**Brief:** The farmer used to get annual income of **Rs. 96,830/-** from Greengram, Groundnut, Maize, Tuberose and Gaillardia. He faced problems like low yield in local variety, low quality of flowers, pest and disease incidence. With DFI interventions like **adoption of ICM practices, use of improved varieties (Greengram:DGGV-2, Groundnut:DH-256) and rearing of CB Cow**, he is now getting net annual income of **Rs.2,07,920/-**.



Integrated disease management and balanced nutrition in Tuberose



Encashing from Gaillardia cultivation through good agriculture practices



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Mallappa Basappa Talakal

Address : Shingatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 55

Education : 3<sup>rd</sup> Class

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	Greengram (K)	3.0	7.5	29250	11250
Field Crop 2	Sunflower (R)	1.0	3.0	12000	6400
Field Crop 3	Groundnut (S)	2.0	12.0	50400	29500
Horti. Crop 1	Brinjal (K)	0.5	20.0	36000	21000
Livestock	CB Cow	1 No.	1690.0	40560	23060
<b>Total</b>				<b>168210</b>	<b>91210</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	Greengram (K)	3.0	11.7	70200	38200	56.00	239.59
Field Crop 2	Sunflower (R)	1.0	5.5	24750	17450	83.33	172.66
Field Crop 3	Groundnut (S)	2.0	17.0	76500	46900	41.67	58.98
Horti. Crop 1	Brinjal (K)	0.5	31.0	71300	51300	55.00	144.29
Livestock	CB Cow: Nutrition	2 No.	4160	116480	60570	146.15	162.66
<b>Total</b>				<b>359230</b>	<b>214420</b>	<b>-</b>	<b>135.08</b>

**Brief:** The farmer used to get annual income of **Rs. 91,210/-** from Greengram, Sunflower, Groundnut and Brinjal along with dairy unit. He faced problems like **high pest and disease incidence and nutrition deficiency**. With DFI interventions like adoption of ICM practices, use of improved varieties (Greengram:DGGV-2, Groundnut:DH-256) and dairy farming technologies, he is now getting net annual income of **Rs.2,14,420/-**.



Micro nutrient management with timely plant protection measures in Sunflower



Shoot and fruit borer management in Brinjal



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Suresh Sanjeevappa Abbigeri

Address : Shingatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 35

Education : B.E.

Size of land holding (in acre): 4.20

### 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	Greengram (K)	2.0	5.0	21000	12400
Field Crop 2	Groundnut (S)	2.0	12.0	50400	35200
Field Crop 3	Maize (K)	1.0	9.0	10350	3550
Horti. Crop 1	Onion (K)	1.2	20.0	18000	7800
<b>Total</b>				<b>99750</b>	<b>58950</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	Greengram (K)	2.00	10.0	55000	42400	100.00	241.94
Field Crop 2	Groundnut (S)	2.00	17.0	81600	62400	41.67	77.27
Field Crop 3	Maize (K)	1.00	12.0	16200	7640	33.33	115.21
Horti. Crop 1	Onion (K)	1.20	25.0	30000	15000	25.00	92.31
Livestock	CB Cow	1 No.	520	14560	6560	>100	>100
<b>Total</b>				<b>197360</b>	<b>134000</b>	<b>-</b>	<b>127.31</b>

**Brief:** The farmer used to get annual income of Rs. 58,950/- from Greengram, Groundnut, Maize and Onion. He faced problems like **high pest and disease incidence and nutrition deficiency**. With DFI interventions like **adoption of ICM practices, use of improved varieties (Greengram;DGGV-2, Groundnut:DH-256, Onion:Bheema Super) and rearing of CB Cow**, he is now getting net annual income of Rs.1,34,000/-.



**Nutrition and fall army worm management in Maize crop**



**Adoption of Bheema Super variety in Onion crop for uniform bulbs and better market price**

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag



Name of farmer: Shri Mahadegouda Lenkanagouda Patil

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age : 58

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

Size of land holding (in acre): 2.00

### 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	Groundnut (K+S)	1.0	6.0	19200	9400
Field Crop 2	Sunflower (R)	1.0	3.0	12000	6200
Horti. Crop 1	Tuberose (P)	0.5	14.0	49000	29140
Horti. Crop 2	Chrysanthemum (K)	0.5	14.0	56000	32400
<b>Total</b>				<b>136200</b>	<b>77140</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	Groundnut (K+S)	1.0	8.50	38250	25250	41.67	168.62
Field Crop 2	Sunflower (R)	1.0	5.75	25875	19375	91.67	212.50
Horti. Crop 1	Tuberose (P)	0.5	20.00	84000	59500	42.86	104.19
Horti. Crop 2	Chrysanthemum (K)	0.5	19.50	87750	53550	39.29	65.28
Livestock	Cow	1	520	14560	6560	>100	>100
<b>Total</b>				<b>250435</b>	<b>164235</b>	<b>-</b>	<b>112.91</b>

**Brief:** The farmer used to get annual income of **Rs. 77,140/-** from Groundnut, Sunflower, Tuberose and Chrysanthemum. He faced problems like pest and disease incidence and nutrition deficiency. With DFI interventions like **ICM practices and Cow rearing**, he is now getting net annual income of **Rs.1,64,235/-**.



**Farmer interacting with KVK scientist during field visit**



**Maximizing income from Chrysanthemum through Integrated nutrition and pest management**

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Yellappa Halappa Shirund

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age 26

Education : SSLC

Size of land holding (in acre): 3.00



### 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	Greengram (K)	1.0	2.5	10000	4500
Field Crop 2	Groundnut (K+S)	1.0	6.0	25200	16500
Field Crop 3	Maize (K)	1.0	9.0	10350	3650
Horti. Crop 1	Tuberose (P)	0.5	18.0	63000	39500
Horti. Crop 2	Chrysanthemum (K)	0.5	13.0	52000	32400
<b>Total</b>				<b>160550</b>	<b>96550</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	Greengram (K)	1.0	4.1	24600	15400	64.00	242.22
Field Crop 2	Groundnut (K+S)	1.0	9.5	42750	29950	58.33	81.52
Field Crop 2	Maize (K)	1.0	14.0	18900	11600	55.56	217.81
Horti. Crop 1	Tuberose (P)	0.5	22.0	88000	62600	22.22	58.48
Horti. Crop 2	Chrysanthemum (K)	0.5	18.5	85100	58800	42.31	81.48
Livestock	CB Cow	2	3640	101920	53001	>100	>100
<b>Total</b>				<b>361270</b>	<b>231351</b>	<b>-</b>	<b>139.62</b>

**Brief:** The farmer used to get annual income of **Rs. 96,550/-** from Greengram, Groundnut, Maize, Tuberose and Chrysanthemum. He faced problems like pest and disease, post harvest problems, low yield of local varieties and nutrition deficiency. With DFI interventions like **adoption of ICM practices, nutrition management and high yielding varieties (Groundnut:DH-256) and rearing of CB Cow**, he is now getting net annual income of **Rs.2,31,351/-**.



**DH-256 variety introduced in DFI village for higher income**



**Timely plant protection measures in Tuberose crop has enhanced the**

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag



Name of farmer: Shri Irappa Laxmappa Gudami

Address : Singatarayanakeri village, Block.: Mundaragi, Dist.: Gadag,  
State: Karnataka

Age 62

Education : 4<sup>th</sup> Class

Size of land holding (in acre): 3.00

### 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	Greengram (K)	1.0	2.5	11250	6600
Field Crop 2	Groundnut (S)	1.0	5.0	15800	7400
Field Crop 3	Maize (K)	1.00	8.0	9200	2500
Horti. Crop 1	Chrysanthemum (K)	0.5	12.0	54000	28600
Horti. Crop 2	Okra (K)	0.5	18.5	33300	20800
<b>Total</b>				<b>123550</b>	<b>65900</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	Greengram (K)	1.0	4.0	22000	15700	60.00	137.88
Field Crop 2	Groundnut (S)	1.0	8.0	33600	20700	60.00	179.73
Field Crop 3	Maize (K)	1.0	15.0	20250	13000	87.50	420.00
Horti. Crop 1	Chrysanthemum (K)	0.5	18.0	95400	68100	50.00	138.11
Horti. Crop 2	Okra (K)	0.5	26.5	58300	42900	43.24	106.25
Livestock	Local cow	1 No.	520	14560	7360	>100	>100
<b>Total</b>				<b>244110</b>	<b>167760</b>	<b>-</b>	<b>154.57</b>

**Brief:** The farmer used to get annual income of Rs. 65,900/- from Greengram, Groundnut, Maize, Chrysanthemum and Okra crops. He faced problems like pest, disease and nutrition deficiency and use of local varieties. With DFI interventions like **improved varieties (Greengram:DGGV-2, Groundnut:DH-256), pest and disease and nutrition management & rearing of Cow** he is now getting net annual income of Rs.1,67,760/-.



White Chrysanthemum production to realise better price during festival season



Interaction with KVK scientist for management of fruit borer in Okra



Name of farmer: Shri Basavaraj Sangappa Oli

Address : Shirol village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 58

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

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	Greengram (K)	2.0	5.50	23100	14100
Field Crop 2	Rabi Sorghum (R)	2.0	6.00	10800	6300
Field Crop 3	Maize (K)	2.0	18.00	21600	7700
Field Crop 4	Bt.Cotton (K)	2.0	13.50	60750	32050
Horti. Crop 1	Okra (K)	0.5	18.00	32400	12400
Horti. Crop 2	Green Chilli:	0.5	5.00	37500	19500
Horti. Crop 3	Marigold (K)	1.0	60.00	24000	9000
<b>Total</b>				<b>210150</b>	<b>101050</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 (Rs.)
Field Crop 1	Greengram (K)	2.0	9.00	54000	43000	63.64	204.96
Field Crop 2	Rabi Sorghum (R)	2.0	9.0	22500	16700	50.00	165.08
Field Crop 3	Maize (K)	2.0	28.5	38475	23075	58.33	199.68
Field Crop 4	Bt.Cotton (K)	2.0	18.0	90000	58400	33.33	82.22
Horti. Crop 1	Okra (K)	0.5	23.0	50600	25600	27.78	106.45
Horti. Crop 2	Green Chilli (K)	0.50	8.0	68800	45500	60.00	133.33
Horti. Crop 3	Marigold (K)	1.00	80.0	50000	30000	33.33	233.33
<b>Total</b>				<b>374375</b>	<b>242275</b>	<b>-</b>	<b>139.76</b>

**Brief:** The farmer used to get annual income of **Rs. 1,01,050/-** from Greengram, Maize, Bt.Cotton, Vegetables and Flowers. He faced problems like low yield in local variety, pest and disease and nutrition deficiency. With DFI interventions like **ICM practices, adoption of improved varieties (Greengram: DGGV-2, Rabi Sorghum:SPV- 2217) and balanced plant nutrition**, he is now getting net annual income of **Rs. 2,42,275/-**.



Integrated Crop Management practices in Okra



Integrated Crop Management in chilli



Name of farmer: Shri Kuberagoud Veerabhadragoud Doddagoudar

Address : Shirol village, Block.:Gadag, Dist.: Gadag,

State: Karnataka

Age 35

Education : SSLC

Size of land holding (in acre): 2.50

### 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.)
Horti. Crop 1	Green Chilli (K)	0.50	8.50	59500	27400
Horti. Crop 2	Marigold (K)	1.00	60.00	28800	14300
Horti. Crop 3	Chrysanthemum (K)	0.50	13.50	54000	28600
Horti. Crop 4	Ridgegourd (K)	0.50	9.50	17100	11800
<b>Total</b>				<b>159400</b>	<b>82100</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
Horti. Crop 1	Green Chilli (K)	0.50	12.5	97500	55400	47.06	102.19
Horti. Crop 2	Marigold (K)	1.00	72.0	46800	28200	20.00	97.20
Horti. Crop 3	Chrysanthemum (K)	0.50	19.0	104500	69200	40.74	141.96
Horti. Crop 3	Ridgegourd (K)	0.50	14.5	29000	21800	52.63	84.75
<b>Total</b>				<b>277800</b>	<b>174600</b>	<b>-</b>	<b>112.67</b>

**Brief:** The farmer used to get annual income of **Rs.82,100/-** from Green Chilli, Ridgegourd, Marigold and Chrysanthemum crops. He faced problems like high incidence of pest and disease and imbalanced nutrition. With DFI interventions like **pest and disease management and balanced nutrition**, he is now getting net annual income of **Rs.1,74,600/-**.



Golden income from Marigold cultivation



Farm advisories by KVK Scientists for augmenting quality flower production in Chrysanthemum crop



Name of farmer: Shri Nagaraj Shamaraj Madolli  
 Address : Shirol village, Block.:Gadag, Dist.: Gadag,  
 State: Karnataka  
 Age 42  
 Education : BA  
 Size of land holding (in acre): 6.50

## 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	Greengram (K)	2.00	4.00	17200	8000
Field Crop 2	Maize (K)	2.00	18.00	21600	7100
Field Crop 3	Groundnut (S)	2.00	11.00	35200	17200
Horti. Crop 1	Marigold (K)	1.50	80.00	32000	12000
Horti. Crop 2	Green Chilli (K)	1.00	8.00	48000	26000
Livestock	Cow	2 No.	3240	58320	29720
<b>Total</b>				<b>212320</b>	<b>100020</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	Greengram (K)	2.0	7.0	43400	31900	75.00	298.75
Field Crop 2	Maize (K)	2.0	27.0	36450	20450	50.00	188.03
Field Crop 3	Groundnut (S)	2.0	15.0	63000	36000	36.36	109.30
Horti. Crop 1	Marigold (K)	1.5	100.0	55000	28400	25.00	136.67
Horti. Crop 2	Green Chilli (K)	1.0	11.5	89700	59100	43.75	127.31
Livestock	Cow: Nutrition	2 No.	4320	103680	61680	33.33	107.54
<b>Total</b>				<b>391230</b>	<b>237530</b>	<b>-</b>	<b>137.48</b>

**Brief:** The farmer used to get annual income of **Rs.1,00,020/-** from Greengram, Groundnut, Maize, Vegetable & flower crops and Dairy. He faced problems like pest and disease and improper nutrition and low yield of local varieties. With DFI interventions like **ICM practices, improved varieties (Greengram:DGGV-2, Groundnut:DH-256) and nutrition in milch animals**, he is now getting net annual income of **Rs.2,37,530/-**. In addition, there is cost saving of **Rs.5500/-** in the production of milk.



Boosting the income of farmers through ICM practices in Marigold



Fodder cafeteria for enhancing milk yield of dairy animals



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Channaveeragoud Channabasanagoud Patil

Address : Shirol village, Block.:Gadag, Dist.: Gadag,

State: Karnataka

Age 36

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

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	Maize (K)	2.5	22.5	27000	9875
Horti. Crop 1	Okra (K)	0.5	16.0	25600	15400
Horti. Crop 2	Green Chilli (K) (Nagavi Giddagayi)	0.5	8.0	48000	24400
Horti. Crop 3	Chrysanthemum (K)	0.5	12.5	60000	35700
Livestock	CB Cow	2 No.	3780	68040	38040
<b>Total</b>				<b>228640</b>	<b>123415</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 (K)	2.00	27.0	35100	19100	20.00	93.42
Horti. Crop 1	Okra (K)	0.50	20.0	40000	26700	25.00	73.38
Horti. Crop 2	Green Chilli (K)	0.50	11.5	80500	53100	43.75	117.62
Horti. Crop 3	Chrysanthemum (K)	0.50	16.0	104400	76300	28.00	113.73
Livestock	Cow: CB Cow (Nutrition)	2	4300	103200	75200	13.76	97.69
<b>Total</b>				<b>363200</b>	<b>250400</b>	<b>-</b>	<b>102.89</b>

**Brief:** The farmer used to get annual income of **Rs.1,23,415/-** from Maize, Vegetable & flower crops and Dairy. He faced problems like pest and disease, nutrition deficiency and improper nutrition in cow. With DFI interventions like **pest and disease management, plant nutrition management, proper nutrition for CB cow and establishment of fodder cafeteria**, he is now getting net annual income of **Rs.2,50,400/-**. In addition, there is cost saving of **Rs.6000** in the production of milk.



**ICM in Maize and Balanced nutrition in milch animals for increased milk productivity**



Name of farmer: Shri Basanagoud Guranagoud Patil

Address : Shirol village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 36

Education : PUC

Size of land holding (in acre): 2.00

## 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.)
Horti. Crop 1	Green Chilli (Nagavi Giddagayi)	0.5	8.5	51000	25700
Horti. Crop 2	Marigold	1.0	58.5	29250	16250
Horti. Crop 3	Okra	0.5	17.5	28000	15500
<b>Total</b>				<b>108250</b>	<b>57450</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
Horti. Crop 1	Green Chilli	0.5	12.0	88800	60300	41.18	134.63
Horti. Crop 2	Marigold	1.0	75.5	47187	28587	29.06	75.92
Horti. Crop 3	Okra	0.5	25.5	51000	30600	45.71	97.42
<b>Total</b>				<b>186987</b>	<b>119487</b>	<b>-</b>	<b>107.98</b>

**Brief:** The farmer used to get annual income of Rs. 57,450/- from Green Chilli, Marigold and Okra. He faced problems like high incidence of pest and disease and nutrition deficiency. With DFI interventions like pest and disease management and balanced nutrition in all crops and introduction of high yielding variety (Okra:Arka Anamika), he is now getting net annual income of Rs.1,19,487/-.



Addressing productivity constraints in Marigold through adoption of ICM practices



Varietal replacement in Okra for increased income



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Chandrappa Yallappa Iti

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 53

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

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	Greengram (K)	2.00	6.00	24000	15000
Field Crop 2	Rabi Sorghum (R)	2.00	7.00	12600	3600
Field Crop 3	Bt.Cotton (K)	2.00	15.00	60000	36000
Horti. Crop 3	Onion (K)	2.00	36.00	43200	21200
<b>Total</b>				<b>139800</b>	<b>75800</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	Greengram (K)	2.00	9.00	57000	41000	50.00	173.33
Field Crop 2	Rabi Sorghum (R)	2.00	10.00	25000	11000	42.86	205.56
Field Crop 2	Bt.Cotton (K)	2.00	23.00	103500	71500	53.33	98.61
Horti. Crop 1	Onion (K)	2.00	54.00	97200	61200	50.00	188.68
Livestock	Buffalo	2	2080	56160	31160	>100	>100
<b>Total</b>				<b>338860</b>	<b>215860</b>	<b>-</b>	<b>184.77</b>

**Brief:** The farmer used to get annual income of **Rs.75,800/-** from Greengram, Rabi Sorghum, Bt.Cotton and Onion. He faced problems like pest & disease and low yield of local variety. With DFI interventions like **pest and disease management, balanced nutrition and introduction of improved varieties (Greengram:DGGV-2, Onion: Arka Kalyan)** and buffalo enterprise, he is now getting net annual income of **Rs.2,15,860/-**.



Integrated Crop Management technologies adopted in Bt.Cotton crop for doubling of income



Demonstration of high yielding Arka Kalyan variety with ICM practices



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Limbanagoud Y. Jamadar

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age : 53

Education : 8<sup>th</sup> Class

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	Greengram (K)	2.00	5.00	20000	10400
Field Crop 2	Rabi Sorghum (R)	1.00	3.00	5400	1200
Field Crop 2	Bt.Cotton (K)	1.50	10.50	42000	23000
Field Crop 3	Bengalgram (R)	1.00	4.00	16000	7000
<b>Total</b>				<b>83400</b>	<b>41600</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 2	Greengram (K)	1.00	4.50	28500	20500	-10.00	97.12
Field Crop 1	Bt.Cotton (K)	1.50	16.50	74250	51250	57.14	122.83
Field Crop 3	Rabi Sorghum (R)	1.00	5.00	12500	6000	66.67	400.00
Horti. Crop 1	Onion (K)	1.00	26.00	46800	28800	>100	>100
Livestock	Cow	1	520	13520	8300	>100	>100
<b>Total</b>				<b>175570</b>	<b>114850</b>	<b>-</b>	<b>176.08</b>

**Brief:** The farmer used to get annual income of **Rs.41,600/-** from Greengram, Rabi Sorghum, Bt.Cotton and Bengalgram. He faced problems like pest & disease incidence, low productivity of local varieties and imbalanced nutrition. With DFI interventions like **pest and disease management, introduction of improved varieties (Greengram:DGVV-2, Rabi Sorghum: SPV-2217, Onion: Arka Kalyan), nutrition management and Cow rearing**, he is now getting net annual income of **Rs.1,14,850/-**.



ICM practices in Bt.Cotton for higher productivity



Arka Kalyan variety of Onion for higher productivity and better



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Mohammadali H. Nadaf

Address : Kalakeri village, Block.:Naragund, Dist.: Gadag,  
State: Karnataka

Age : 55

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	Greengram (K)	2.00	8.00	32000	15000
Field Crop 2	Rabi Sorghum (R)	2.00	8.00	14400	7400
Field Crop 2	Bt.Cotton (K)	2.00	14.00	56000	32000
<b>Total</b>				<b>102400</b>	<b>54400</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	Greengram (K)	2.00	10.00	60000	35000	25.00	133.33
Field Crop 1	Rabi Sorghum (R)	2.00	11.00	24200	15200	37.50	105.41
Field Crop 2	Bt.Cotton (K)	2.00	20.50	98400	68400	46.42	113.75
Livestock	Local Cow	2	1040	27040	11040	>100	>100
<b>Total</b>				<b>209640</b>	<b>129640</b>	<b>-</b>	<b>138.31</b>

**Brief:** The farmer used to get annual income of **Rs.54,400/-** from Greengram, Rabi Sorghum and Bt.Cotton. He faced problems like **pest & disease incidence, imbalanced nutrition and low yield of local varieties.** With DFI interventions like pest and disease management, balanced nutrition and introduction of improved varieties (Greengram:DGGV-2, Rabi Sorghum:SPV-2217), he is now getting net annual income of **Rs.1,29,640/-**.



KVK Scientist visiting the farmer's field of Bt.Cotton crop



Demonstration under ICM practices in SPV-2217 variety of Rabi Sorghum crop



Name of farmer: Shri Kumar Ishwar Hosamani

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 30

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

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	Maize (K)	2.00	16	29900	15600
Field Crop 2	Greengram (K)	1.00	2.50	11250	6250
Field Crop 3	Groundnut (S)	1.00	5.00	16000	7000
Horti. Crop 1	Onion (K)	1.00	20	24000	15000
<b>Total</b>				<b>81150</b>	<b>43850</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 (K)	2.00	30.00	40500	24000	87.50	53.86
Field Crop 2	Greengram (K)	0.50	2.00	12350	9200	-20.00	47.20
Field Crop 3	Groundnut (S)	1.00	8.00	36000	20000	60.00	185.71
Horti. Crop 1	Onion (K)	1.00	32.00	48000	36400	60.00	142.67
Livestock 2	CB Cows	3	6240	174752	96096	100	100
<b>Total</b>				<b>311602</b>	<b>185696</b>	<b>-</b>	<b>323.48</b>

**Brief:** The farmer used to get annual income of **Rs.43,850/-** from Maize, Greengram, Groundnut and Onion. He faced problems like pest and disease and nutrition deficiency and low productivity of local varieties. With DFI interventions like **pest and disease management and balanced nutrition, use of improved varieties (Greengram:DGGV-2, Groundnut:DH-256, Onion:Arka Kalyan)** along with dairy farming, he is now getting net annual income of **Rs.1,85,696/-**. In addition, there is cost saving of **Rs.5000/-** in the production of milk.



Demonstration of Maize crop with ICM practices



Arka Kalyan variety of Onion crop fetched good income to farmer



Name of farmer: Shri Umesh Venkanna Lamani

Address : Kabalayatakatti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 41

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

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	Maize (K)	2.00	16.00	18400	4800
Field Crop 2	Greengram (K)	1.50	3.00	13800	6900
Field Crop 3	Rabi Sorghum (R)	1.50	5.00	10000	4000
Field Crop 4	Bt.Cotton (K)	1.50	9.00	37800	25200
<b>Total</b>				<b>80000</b>	<b>40900</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 (K)	2.00	26.00	35100	19400	62.50	304.16
Field Crop 2	Greengram (K)	1.50	5.25	33075	25275	75.00	266.30
Field Crop 3	Rabi Sorghum (R)	1.50	8.00	20000	12000	60.00	200.00
Field Crop 4	Bt.Cotton (K)	1.50	12.00	57600	43000	33.33	70.63
<b>Total</b>				<b>145775</b>	<b>99675</b>	<b>-</b>	<b>143.70</b>

**Brief:** The farmer used to get annual income of **Rs.40,900/-** from Maize, Greengram, Rabi Sorghum and Bt.Cotton. He faced problems like nutrition deficiency, low yield of local variety and pest & disease incidence. With DFI interventions like **pest and disease management, balanced nutrition and varietal introduction (Greengram:DGGV-2, Rabi Sorghum: SPV-2217)**, he is now getting net annual income of **Rs.99,675/-**.



**Integrated Nutrient Management in Maize crop for enhancing the income**



**Sucking pest management in Bt.Cotton crop for higher productivity**



Name of farmer: Shri Nagesh Somappa Lamani

Address : Kabalayatakatti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 38

Education : 8<sup>th</sup> Class

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	Maize (K)	2.00	18.00	20700	8400
Field Crop 2	Greengram (K)	1.00	2.00	8400	3500
Field Crop 3	Rabi Sorghum (R)	1.00	2.50	4500	1800
Horti. Crop 1	Onion (K)	2.00	39.00	46800	27200
<b>Total</b>				<b>80400</b>	<b>40900</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 (K)	2.00	31.50	42525	26725	75.00	218.15
Field Crop 2	Greengram (K)	1.00	3.50	21000	15200	75.00	334.29
Field Crop 3	Rabi Sorghum (R)	1.00	4.00	10000	4000	60.00	122.22
Horti. Crop 1	Onion (K)	2.00	53.00	79500	52600	35.90	93.38
Livestock	Buffalo	2	1560	43680	32000	>100	>100
<b>Total</b>				<b>196705</b>	<b>130525</b>	<b>-</b>	<b>219.13</b>

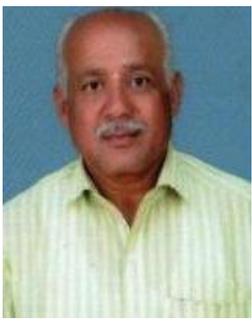
**Brief:** The farmer used to get annual income of **Rs.40,900/-** from Maize, Greengram, Rabi Sorghum and Onion. He faced problems like low yield of local varieties, nutrition deficiency, pest and disease incidence. With DFI interventions like **pest and disease management and varietal introduction (Greengram:DGGV-2, Rabi Sorghum:SPV-2217, Onion: Arka Kalyan)** along with **buffaloe rearing**, he is now getting net annual income of **Rs.130,525/-**.



Demonstration of Arka Kalyan variety with ICM practices



ICM practices adopted in greengram crop by farmer for higher income



Name of farmer: Shri Sharanayya Mudakayya Hiremath

Address : Kurakoti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 49

Education : B.Com

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.)
Horti. Crop 1	Chilli (K)	3.00	6.50	70800	19500
Horti. Crop 2	Onion (K)	3.00	66	79200	54200
<b>Total</b>				<b>150000</b>	<b>73700</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
Horti. Crop 1	Chilli (K)	3.00	8.40	100800	70600	29.23	262.05
Horti. Crop 2	Onion (K)	3.00	90.75	136125	97625	37.50	80.12
<b>Total</b>				<b>236925</b>	<b>168225</b>	<b>-</b>	<b>128.26</b>

**Brief:** The farmer used to get annual income of **Rs.73,700/-** from Chilli and Onion crops. He faced problems like pest and disease incidence, nutrition deficiency and low yield of local variety. With DFI interventions like **ICM practices and improved varietal introduction(Chilli:Pure seeds of Byadagi Chilli, Onion:Arka Kalyan)**, he is now getting net annual income of **Rs.1,68,225/-**.



ICM practices adopted by farmer for higher income in Chilli crop



Arka Kalyan variety with ICM practices for higher productivity



Name of farmer: Shri Shivanandayya Hiremath

Address : Shirunj village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 38

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

Size of land holding (in acre): 2.00

### 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 (K)	1.00	13.00	15600	9600
Field Crop 2	Greengram (K)	1.00	2.50	10000	5400
Field Crop 3	Groundnut (S)	1.00	8.00	25600	13100
<b>Total</b>				<b>51200</b>	<b>28100</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	Groundnut (S)	1.00	10.5	47250	31650	31.25	141.60
Horti. Crop 1	Onion bulb production: Variety: Bhima Super	2.00	66.00	79200	40600	100.00	100
Horti. Crop 2	Onion seed production: Variety : Bhima Super	1.00	1.80	180000	124700	100.00	100
<b>Total</b>				<b>306450</b>	<b>196950</b>	<b>-</b>	<b>600.88</b>

**Brief:** The farmer used to get annual income of **Rs.28,100/-** from Maize, Greengram and Summer Groundnut. He faced problems like non-profitability of Onion crop for bulb production and low yield of local varieties in Groundnut. With DFI interventions like **introduction of Onion seed production enterprise (Bhima Super variety) along with marketing linkage and varietal introduction of DH-256 variety in Groundnut along with ICM practices**, he is now getting net annual income of **Rs.1,96,950/-**.



**Promoting Onion Seed Producing Entrepreneur for enhancing his income**



Name of farmer: Shri Umesh Ritti

Address : Gulagundi village, Block.: Gadag, Dist.: Gadag, State: Karnataka

Age 44

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

Size of land holding (in acre): 3.00

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	Greengram (K)	1.00	3.00	9600	5100
Field Crop 2	Maize (K)	2.00	16.00	17600	6600
Field Crop 3	Groundnut (K+S)	3.00	21.00	67200	22200
<b>Total</b>				<b>94400</b>	<b>33900</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	Groundnut (S)	1.5	13.5	60750	32150	-35.71	44.82
Horti. Crop 1	Onion Bulb Production	3.0	90.75	99825	53625	>100.00	>100
Horti. Crop 2	Onion Seed Production	1.5	3.00	300000	212200	>100.00	>100
<b>Total</b>				<b>460575</b>	<b>297975</b>	<b>-</b>	<b>778.98</b>

**Brief:** The farmer used to get annual income of **Rs.33,900/-** from Greengram, Maize and Groundnut. He faced problems like non-profitability in cultivation of Maize and Greengram crops and pest & disease incidence and imbalanced nutrition in Groundnut. With DFI interventions like **Onion seed production (Variety:Bheema Super)** and **facilitation of marketing and ICM practices in Summer Groundnut**, he is now getting net annual income of **Rs.2,97,975/-**.



Onion seed production field of the farmer with KVK Scientists



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Veeranagoud Basanagoud Jakkanagoudar

Address : Hirehandigol village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 64

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

Size of land holding (in acre): 10.00

### 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	Greengram (K)	3.00	7.50	30000	18000
Field Crop 2	Rabi Sorghum (R)	3.00	12.00	21600	10100
Horti. Crop 1	Onion (K)	3.00	45.00	54000	24000
Horti. Crop 2	Chilli (K)	4.00	9.00	81000	41000
<b>Total</b>				<b>186600</b>	<b>93100</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	Greengram (K)	3.00	12.00	69600	48600	60.00	170
Field Crop 2	Rabi Sorghum (R)	3.00	16.00	35200	18700	33.00	85.14
Horti. Crop 1	Onion (K)	3.00	65.00	110500	60500	44.44	152.00
Horti. Crop 2	Chilli (K)	3.00	12.00	144000	79000	33.33	92.68
Other Enterprise	Sericulture	1.00	320 kg.	112000	64000	>100	>100
<b>Total</b>				<b>471300</b>	<b>270800</b>	<b>-</b>	<b>190.87</b>

**Brief:** The farmer used to get annual income of **Rs.93,100/-** from Greengram, Rabi Sorghum, Onion & Chilli. He faced problems like pest, disease incidence, low yield in local variety and nutrition deficiency and lack of diversification. With DFI interventions like **pest and disease management, balanced plant nutrition, varietal introduction [Greengram (DGGV-2), Rabi Sorghum (SPV-2217), Onion (Arka Kalyan)] and Sericulture enterprise**, he is now getting net annual income of **Rs.2,70,800/-**.



ICM practices adopted by farmer for higher income in Chilli crop



Sericulture enterprise for sustained income



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Ramanagouda Basanagouda Odugoudar

Address : Hulkoti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 73

Education : PUC

Size of land holding (in acre): 10.00

### 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	Groundnut	10.00	35.00	140000	75200
<b>Total</b>				<b>140000</b>	<b>75200</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	Groundnut	5.00	24.00	120000	50000	-31.43	-33.51
Horti. Crop 1	Mango	5.00	100	200000	126400	>100.00	>100.00
<b>Total</b>				<b>320000</b>	<b>176400</b>	<b>-</b>	<b>134.57</b>

**Brief:** The farmer used to get annual income of **Rs.75,200/-** from **Groundnut crop**. He faced problems like **non-profitability of Groundnut cultivation due to moisture stress and lack of crop diversification**. With DFI intervention of **dryland mango cultivation and ICM in Groundnut**, he is now getting net annual income of **Rs.1,76,400/-**.



**Dryland Mango cultivation : A profitable cropping system in red soil under rainfed situation**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Venkatesh Sannappa Bentur

Address : Hosalli village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 30

Education : B.A.

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	Groundnut	4	17.00	68000	39600
<b>Total</b>				<b>68000</b>	<b>39600</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	Groundnut	2.00	13.00	67600	37000	-23.5	-6.57
Horti. Crop 1	Cashew cultivation	2.00	6	64800	44300	>100	>100
<b>Total</b>				<b>132400</b>	<b>81300</b>	<b>-</b>	<b>105.30</b>

**Brief:** The farmer used to get annual income of Rs.39600/- from **Groundnut cultivation**. He faced problems of **non-profitability of Groundnut cultivation due to low yield**. With DFI intervention of **introduction of Cashew cultivation and ICM in Groundnut**, he is now getting net annual income of Rs.81,300/-.



**Dryland Cashew cultivation for profitability**



Name of farmer: Shri Krishnagouda Venkanagouda Adappagoudra

Address : Hulkoti village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 68

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

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	Groundnut	6.00	24.00	90000	46800
<b>Total</b>				<b>90000</b>	<b>46800</b>

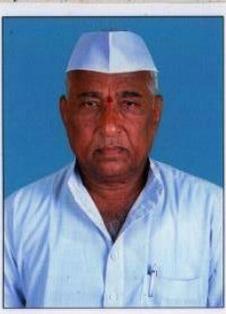
### 2) Status in 2020

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	<b>Groundnut</b> : ICM practices	3.00	17.00	93500	45500	-29.17	-2.78
Horti. Crop 1	<b>Cashew cultivation</b>	3.00	12.50	135000	88800	>100	>100
<b>Total</b>				<b>228500</b>	<b>134300</b>	<b>-</b>	<b>186.97</b>

**Brief:** The farmer used to get annual income of **Rs.46,800/-** from **Groundnut crop**. He faced problem of **low yield of Groundnut and non-profitability** due to moisture stress in critical stages. With DFI interventions like **introduction of Cashew cultivation along with marketing linkage and ICM practices in Groundnut**, he is now getting an annual net income of **Rs.1,34,300/-**



**Bountiful Cashew crop under rainfed situation**



Name of farmer: Shri Narayanappa Ramappa Hosalli

Address : Hosalli village, Block: Gadag, Dist.: Gadag,  
State: Karnataka

Age 75

Education : SSLC

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	Groundnut	6.00	22.00	88000	42000
<b>Total</b>				<b>88000</b>	<b>42000</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	<b>Groundnut</b> : ICM practices	3.00	16.5	93500	48500	-25	15.48
Horti. Crop 1	<b>Cashew cultivation</b>	3.00	8.5	91800	68800	>100	>100
<b>Total</b>				<b>185300</b>	<b>117300</b>	<b>-</b>	<b>179.29</b>

**Brief:** The farmer used to get annual income of Rs.42,000/- from **Groundnut crop**. He faced problem of **non profitability in Groundnut cultivation due to moisture stress in critical stages**. With DFI interventions like **introduction of Cashew cultivation along with marketing linkage and ICM practices in Groundnut**, he is now getting net annual income of Rs.1,17,300/-.



**Encashing from Cashewnut cultivation under dryland situation for profitability**



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Hanumantappa Ramappa Hosalli

Address : Hosalli village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 72

Education : B.A.

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	Groundnut	8.00	25.00	91250	29250
<b>Total</b>				<b>91250</b>	<b>29250</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	<b>Groundnut</b> : ICM practices	4.00	24.0	132000	54000	-4.00	84.62
Hort. Crop 1	<b>Cashew cultivation</b>	4.00	6.5	70200	45200	>100	>100
<b>Total</b>				<b>246200</b>	<b>99200</b>	<b>-</b>	<b>239.15</b>

**Brief:** The farmer used to get annual income of Rs.29,250/- from **Groundnut cultivation**. He faced problem of **non-profitability of Groundnut cultivation and low yield**. With DFI interventions like **introduction of Cashew cultivation along with marketing linkage and ICM in Groundnut**, he is now getting net annual income of Rs.99,200/-.



Cashew based farming system under dryland is boon to farmers



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Arun Halakeri

Address : Kurtakoti village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 43

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	Greengram	4.00	10	42000	26000
Field Crop 2	Bengalgram	4.00	14	53200	25000
<b>Total</b>				<b>95200</b>	<b>51000</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	<b>Jamun cultivation :</b> Variety(Konkan Bahadoli)	4.00	50.40	302400	247100	>100	384.50
<b>Total</b>				<b>302400</b>	<b>247100</b>	<b>-</b>	<b>384.51</b>

**Brief:** The farmer used to get annual income of Rs.51,000/- from Greengram and Bengalgram crop cultivation. He faced problem of non-profitability of field crops under rainfed cultivation. With DFI interventions like introduction of Jamun crop with technological backstopping by KVK, he is now getting net annual income of Rs.2,47,100/-



Jamun based farming system under rainfed is boon to farmers



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Mailarappa Basappa Nimbanaikar

Address : Hulkoti village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 63

Education : SSLC

Size of land holding (in acre): 2.50

### 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	Groundnut	2.50	8.75	35000	19800
Livestock	CB Cow	1	1200	21600	12600
<b>Total</b>				<b>56600</b>	<b>32400</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	Mango cultivation (Alphonso variety)	2.50	12.50	37500	25200	>100	>100
Horti. Crop 2	Cashew cultivation :		5.60	60480	49080		
Livestock	CB Cow : Nutrition	1	1700	47600	27600	41.67	119.05
<b>Total</b>				<b>145580</b>	<b>101880</b>	<b>-</b>	<b>214.44</b>

**Brief:** The farmer used to get annual income of Rs.32,400/- from Groundnut crop cultivation and rearing of CB Cow. He faced problems like non-profitability from Groundnut cultivation and imbalanced nutrition in CB Cow. With DFI interventions like Mango and Cashew introduction along with marketing linkage and balanced nutrition in Cow, he is now getting net annual income of Rs.1,01,880/-.



Cashew / Mango based farming system under rainfed situation for stable income



Name of farmer: Shri Pandu Honninaikar

Address : Hulkoti village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age 36

Education : BA

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	Groundnut	8	37	144300	76300
<b>Total</b>				<b>144300</b>	<b>76300</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
Horti. Crop 1	Mango	8	52	390000	280000	>100	>100
<b>Total</b>				<b>390000</b>	<b>280000</b>	<b>-</b>	<b>266.97</b>

**Brief:** The farmer used to get annual income of **Rs.76,300/-** from **Groundnut cultivation**. He faced problems like **non-profitability and uncertainty of income** under **rainfed situation**. With DFI interventions like **introduction of dryland mango** along with **entrepreneurship in marketing of fruits**, he is now getting net annual income of **Rs.2,80,000/-**.



Farmer in his developed Mango Orchard



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Praveen Shivanand Nayak

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 32

Education : P.U.C

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	Greengram (K)	3.00	9.00	34200	19800
Field Crop 2	Sp. Groundnut (K)	2.00	8.00	28800	11000
Field Crop 3	Rabi Sorghum (R)	2.00	8.00	16000	10000
Field Crop 4	Groundnut (S)	1.00	5.00	16000	7300
<b>Total</b>				<b>95000</b>	<b>48100</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	Greengram (K)	2.00	9.00	38700	28100	0	41.92
Field Crop 2	Sp. Groundnut (K)	1.00	6.00	30000	18000	-25.00	63.64
Field Crop 3	Rabi Sorghum (R)	2.00	11.00	27500	20100	37.50	101.00
Horti. Crop 1	Cashewnut	2.00	6.40	69120	50820	>100	>100
<b>Total</b>				<b>165320</b>	<b>117020</b>	<b>-</b>	<b>143.28</b>

**Brief:** The farmer used to get annual income of Rs. 48,100/- from Greengram, Groundnut and Rabi Sorghum. He faced problems like low yields with various pest and diseases. With DFI interventions like improved varieties in Greengram (DGGV-2), Rabi Sorghum (SPV-2217), INM and IPM practices in Greengram, Groundnut, Rabi Sorghum and introduction of cashew, he is now getting net annual income of Rs. 1,17,020/-.



KVK Scientists visit to Cashew orchard



ICM practices in Spreading Groundnut for higher productivity



Name of farmer: Shri Thavarappa Vasanappa Nayak

Address : Nabhapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 58

Education : 8<sup>th</sup>

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	Greengram (K)	2.00	6.00	22800	13200
Field Crop 2	Sp.Groundnut (K)	2.00	8.00	28800	11000
Field Crop 3	Maize (K)	2.00	18.00	21600	10600
Field Crop 4	Rabi Sorghum (R)	2.00	8.00	16000	10000
Livestock 1	CB Cow	1.00	1560	37440	23440
<b>Total</b>				<b>126640</b>	<b>68240</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	B.Groundnut (K)	2.00	12.00	60000	36000	50.00	227.27
Field Crop 2	Rabi Sorghum (R)	2.00	11.00	27500	20100	37.50	101.00
Horti. Crop 1	Cashewnut crop (P)	3.50	8.50	91800	71800	>100	>100
Livestock 1	CB Cow	2	4160	116480	69880	166.67	198.12
<b>Total</b>				<b>295780</b>	<b>197780</b>	<b>-</b>	<b>189.83</b>

**Brief:** The farmer used to get annual income of **Rs.68240/-** from Greengram, Groundnut, Maize, Rabi Sorghum and Cow. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases in crops. With DFI interventions like **improved variety in Rabi Sorghum (SPV-2217) and ICM practices in Groundnut and Rabi Sorghum, introduction of cashew (Vengurla-4), Fodder cafeteria and Balanced nutrition in CB Cow**, he is now getting net annual income of **Rs. 197780/-**. There is cost reduction of **Rs. 5,500/-** by the production of Vermicompost applied to various crops.



Farmer in his fodder cafeteria



Cashew plantation for regular income even during drought



Name of farmer: Shri Gangadhar Dhanjappa Nayak

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 36

Education : 10<sup>th</sup>

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	Maize (K)	2.00	18.00	21000	10000
Field Crop 2	Greengram (K)	2.00	6.00	22800	13200
Field Crop 3	Groundnut (S)	2.00	10.00	32000	14600
<b>Total</b>				<b>75800</b>	<b>37800</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+Redgram (K)	2.00	51.00 (CEY)	68850	53250	183	432.5
Field Crop 2	Groundnut (K)	2.00	15.50	69750	41650	55	185.27
Horti. Crop 1	Tomato (R)	0.50	26.00	39000	20000	>100	>100
Horti. Crop 2	Cucumber (R)	0.50	15.00	19500	10500	>100	>100
Horti. Crop 3	Carrot (R)	0.50	25.00	50000	38000	>100	>100
Horti. Crop 4	Peas (R)	0.50	16.00	56000	31000	>100	>100
Livestock 1	Goat rearing	4	2	16000	12000	>100	>100
Livestock 2	Buffaloe rearing	1	1040	29120	15720	>100	>100
<b>Total</b>				<b>348220</b>	<b>222120</b>		<b>487.62</b>

**Brief:** The farmer used to get annual income of Rs. 37,800/- from Maize, Greengram and Groundnut. He faced problems like lack of improved varieties, imbalance of nutrients, pest and disease problem. With DFI interventions like **improved varieties in Greengram (DGGV-2)**, adoption of **Maize + Redgram intercropping system**, introduction of vegetable crops like Tomato, Cucumber, Carrot, Peas and **livestock enterprises**, he is now getting net annual income of Rs. 2,22,120/-.



**Maize + Redgram intercropping system for higher productivity**



**ICM practices in Groundnut for higher productivity**



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Chandru Thavarappa Nayak

Address : Nabhapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 35

Education : 10<sup>th</sup>

Size of land holding (in acre): 3.00

### 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	Greengram (K)	1.00	3.50	13300	6600
Field Crop 2	Sp. Groundnut (K)	1.00	4.00	14400	5500
Field Crop 3	Maize (K)	1.00	9.00	10800	5300
Field Crop 4	Rabi Sorghum (R )	1.00	4.00	8000	5000
Field Crop 5	Groundnut (S)	1.00	5.00	16000	7300
<b>Total</b>				<b>62500</b>	<b>29700</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	Greengram+Redgram (K)	1.00	9.50 (CEY)	40850	28350	171.43	329.55
Field Crop 2	Groundnut (K)	1.00	6.50	31500	19500	62.50	254.55
Horti. Crop 1	Tomato (R )	0.50	40.00	76000	51000	>100	>100
Horti .Crop 2	Peas (R )	0.50	20.00	66000	41000	>100	>100
Horti. Crop 3	Cashewnut (P)	1.00	2.00	21600	14800	>100	>100
Livestock 1	CB Cow	2	4160	116480	69480	>100	>100
<b>Total</b>				<b>352430</b>	<b>224130</b>	<b>-</b>	<b>654.65</b>

**Brief:** The farmer used to get annual income of Rs. 29,700/- from Greengram, Groundnut, Maize and Rabi Sorghum. He faced problems like lack of improved varieties, imbalance of nutrients, pest and disease problem. With DFI interventions like **adoption of Greengram+Redgram intercropping system, ICM practices in Greengram, Redgram and Groundnut, introduction of vegetables like Tomato, Peas, introduction of Cashew (Vengurla-4), rearing of CB cow and establishment of Vermicompost unit**, he is now getting net annual income of Rs.2,24,130/-. There is cost saving of Rs. 6000/- in the production of crops by using own produced vermicompost.



Greengram + Redgram intercropping system for higher productivity



Cultivation of dryland cashew for income security



Name of farmer: Shri Dhanasingh Pandappa Nayak

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 38

Education : P.U.C

Size of land holding (in acre): 2.00

## 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	Sp. Groundnut (K)	1.00	4.00	14400	5500
Field Crop 2	Maize (K)	1.00	9.00	10800	5300
<b>Total</b>				<b>25200</b>	<b>10800</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+Redgram (K)	1.00	25.5 (CEY)	34425	22925	183.33	332.55
Field Crop 2	Foxtail Millet + Redgram (K)	1.00	8.87 (CEY)	17750	6750	>100	>100
Livestock 1	CB Cow	1	2080	58260	33240	>100	>100
<b>Total</b>				<b>110415</b>	<b>62915</b>	<b>-</b>	<b>482.55</b>

**Brief:** The farmer used to get annual income of Rs. 10,800/- from Groundnut and Maize. He faced problems like non profitability in cultivation of Maize, imbalance of nutrients, pest and disease problem. With DFI interventions like **adoption of intercropping systems of Maize+Redgram (TS-3R) and Foxtail millet (DHft 109-3)+ Redgram (TS-3R) with ICM practices and rearing of CB cow**, he is now getting net annual income of Rs. 62,915/-.



ICM practices in Spreading Groundnut for higher productivity



Foxtail millet + Redgram intercropping system for drought proofing



Name of farmer: Shri Alappa Dharmappa Chavan

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 56

Education : 3<sup>rd</sup>

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	Groundnut (K)	1.00	5.00	16000	7300
Field Crop 2	Greengram (K)	1.00	3.00	11400	6600
Field Crop 3	Maize (K)	2.00	18.00	21600	10600
Field Crop 4	Groundnut (S)	1.00	5.00	16000	7300
Horti. Crop 1	Brinjal (R )	0.50	28.00	44800	24200
Horti. Crop 2	Tomato (R )	0.50	26.00	39000	22600
<b>Total</b>				<b>148800</b>	<b>78600</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	Greengram+Redgram (K)	2.00	18.00 (CEY)	77998	61598	500.00	833.3
Field Crop 2	Groundnut (K)	1.00	7.50	37500	27900	50.00	282.19
Horti. Crop 1	Brinjal (K )	1.00	66.00	118800	70300	135.71	190.45
Horti. Crop2	Tomato (R )	0.50	34.00	64600	44800	30.77	98.23
Horti. Crop 3	Okra (R )	0.50	26.00	44200	26200	>100	>100
Livestock 1	Goat rearing	5	2	16000	11000	>100	>100
<b>Total</b>				<b>359098</b>	<b>241798</b>	<b>-</b>	<b>207.63</b>

**Brief:** The farmer used to get annual income of **Rs.78,600/-** from Groundnut, Greengram, Maize, Brinjal and Tomato. He faced problems like lack of crop diversification, imbalance of nutrients, pest and disease problem. With DFI interventions like **Greengram (DGGV-2) + Redgram (TS-3R) intercropping system, ICM practices in Groundnut, Brinjal, Tomato, Okra and goat rearing**, he is now getting net annual income of **Rs.2,41,798/-**.



Greengram + Redgram intercropping system



ICM practices in Groundnut crop for higher productivity



Name of farmer: Shri Hobappa Gangappa Lamani

Address : Nabhapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age : 57

Education : 7<sup>th</sup>

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	Maize (K)	1.5	8.5	9775	3375
Field Crop 2	Greengram (K)	1.0	3.0	11400	6600
Field Crop 3	Rabi Sorghum (R)	1.0	4.0	8000	5000
<b>Total</b>				<b>29175</b>	<b>14975</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 (K)	1.50	21.00	28350	18150	147.05	437.80
Field Crop 2	Greengram (K)	1.00	4.50	19350	14050	50.00	112.88
Field Crop 3	Rabi Sorghum (R)	1.00	5.50	13750	10050	37.50	101.00
Livestock 1	Buffaloe	1	1040	29120	17472	>100	>100
<b>Total</b>				<b>90570</b>	<b>59722</b>	<b>-</b>	<b>298.81</b>

**Brief:** The farmer used to get annual income of Rs. 14975/- from Maize, Greengram and Rabi Sorghum. He faced problems like lack of improved varieties, imbalance of nutrients, pest and disease problem. With DFI interventions like **improved varieties of Greengram (DGGV-2) and Rabi Sorghum (SPV-2217) with ICM practices and Buffaloe rearing**, he is now getting net annual income of Rs. 59,722/-.



ICM practices in Maize for higher returns



Rabi Sorghum (SPV-2217) with ICM practices



Name of farmer: Shri Tarappa Lalappa Nayak

Address : Nabhapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 61

Education : 5<sup>th</sup>

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	Sp. Groundnut (K)	1.00	4.0	14400	5500
Field Crop 2	Greengram (K)	1.0	3.5	13300	6600
Field Crop 3	Rabi Sorghum (R)	1.0	4.0	8000	5000
<b>Total</b>				<b>35700</b>	<b>17100</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	Greengram + Redgram (K)	1.00	9.00 (CEY)	39000	31800	157.14	381.82
Field Crop 2	Sp. Groundnut (K)	1.00	6.00	30000	18000	50.00	227.27
<b>Total</b>				<b>69000</b>	<b>49800</b>	<b>-</b>	<b>191.23</b>

**Brief:** The farmer used to get annual income of Rs. 17,100/- from Groundnut, Greengram and Rabi Sorghum. He faced problems like lack of improved varieties, imbalance of nutrients, pest and disease problem. With DFI interventions like **Greengram (DGGV-2) + Redgram (TS-3R) intercropping system and ICM practices**, he is now getting net annual income of Rs. 49,800/-.



ICM practices in Groundnut for higher productivity



Demonstration of Greengram + Redgram intercropping system



Name of farmer: Shri Nagappa Yallappa Inamati

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 62

Education : 4<sup>th</sup>

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 (K)	1.00	3.00	11400	6600
Field Crop 2	Maize (K)	1.0	9.00	10800	5300
Field Crop 3	Rabi Sorghum (R)	1.00	4.00	8000	5000
<b>Total</b>				<b>30200</b>	<b>16900</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 (K)	1.00	14.00	18900	12100	55.56	128.30
Field Crop 2	Foxtail millet (K)	1.00	6.00	13200	8400	>100	>100
Field Crop 3	Bengalgram (R)	1.00	4.50	21600	14100	>100	>100
<b>Total</b>				<b>53700</b>	<b>34600</b>	<b>-</b>	<b>104.73</b>

**Brief:** The farmer used to get annual income of **Rs. 16,900/-** from Greengram, Maize and Rabi Sorghum. He faced problems like non profitability in Greengram and Rabi Sorghum, imbalance of nutrients, pest and disease problem. With DFI interventions like **ICM practices in Maize, introduction of Foxtail millet (DHft 109-3) and Bengalgram (Jaki-9218) with ICM practices**, he is now getting net annual income of **Rs. 34,600/-**.



ICM practices in Maize for higher productivity



Demonstration of Bengalgram variety  
JAKI-9218 with ICM practices



Name of farmer: Shri Narayan Rupasingh Lamani

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 35

Education : PUC

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	Greengram (K)	2.00	6.00	22800	13200
Field Crop 2	Maize (K)	2.00	18.00	21600	10600
Field Crop 3	Groundnut (S)	2.00	10.00	32000	14600
Livestock 1	Cow	2.00	1040	24960	16960
<b>Total</b>				<b>101360</b>	<b>55360</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 + Redgram (K)	2.0	51.00 (CEY)	68850	53250	183.00	402.36
Horti. Crop 1	Cashew intercropped with Groundnut (K)	2.0	12.00	54000	30000	20.00	105.47
Livestock 1	Cow rearing	2	2080	58240	38240	100.00	125.47
Livestock 2	Sheep rearing	8	2	16000	11000	>100	>100
<b>Total</b>				<b>197090</b>	<b>132490</b>	<b>-</b>	<b>139.32</b>

**Brief:** The farmer used to get annual income of **Rs.55,360/-** from Greengram, Maize and Groundnut. He faced problems like **lack of crop diversification, imbalance of nutrients, pest and diseases.** With DFI interventions like **Maize + Redgram (TS-3R) intercropping, ICM practices in Groundnut and Cashew cultivation under dryland and introduction of cow and sheep enterprises,** he is now getting net annual income of **Rs.1,32,490/-**.



Maize + Redgram intercropping system



Scientists visit to Dryland Cashew orchard



Name of farmer: Shri Sugirayya Mallayya Arakerimath

Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 61

Education : 5<sup>th</sup>

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	Greengram(K)	1.00	3.50	13300	6600
Field Crop 2	Maize( K)	1.00	9.00	10800	5300
Field Crop 3	Bt Cotton(K)	1.00	6.00	24000	10000
Field Crop 4	Rabi Sorghum (R)	1.00	4.00	8000	5000
Horti. Crop 1	Brinjal (K&R)	0.50	26.5	45050	23550
Horti. Crop 2	Okra (K&R)	0.50	18.0	32400	19600
<b>Total</b>				<b>133500</b>	<b>70050</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	Greengram+ Redgram (K)	1.00	9.50 (CEY)	40850	28350	171.43	329.54
Field Crop 2	Maize (K)	1.00	14.00	18900	12100	55.56	128.30
Field Crop 3	Bt Cotton (K)	1.00	8.50	51000	31300	41.67	213.00
Horti. Crop 1	Brinjal (K&R)	0.50	60.00	120000	94700	126.42	302.12
Horti. Crop 2	Okra (K&R)	0.50	26.50	60950	45650	47.22	132.91
Livestock 1	CB Cow	1	1560	43680	23000	>100	>100
<b>Total</b>				<b>335380</b>	<b>235100</b>	<b>-</b>	<b>235.62</b>

Brief: The farmer used to get annual income of **Rs. 70,050/-** from Greengram, Maize, Bt.Cotton, Rabi Sorghum, Brinjal and Okra crops. He faced problems like **lack of crop diversification, imbalance of nutrients, pest and diseases**. With DFI interventions like **Greengram (DGGV-2) + Redgram (TS-3R) intercropping system** and **ICM practices in Maize, Bt Cotton, Brinjal and Okra** and **introduction of milch animal**, he is now getting net annual income of **Rs.2,35,100/-**



Greengram + Redgram intercropping system



Rearing of CB cow for regular income



Name of farmer: **Shri Ramalingangouda Kallanagouda Patil**  
 Address : Beladhadi village, Block.: Gadag, Dist.: Gadag,  
 State: Karnataka

Age 44

Education : 10<sup>th</sup>

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 (K)	1.00	9.00	10800	5300
Field Crop 2	Greengram (K)	1.00	3.00	11400	6600
Field Crop 3	Foxtail millet (K)	1.00	3.50	6300	2200
Field Crop 4	Groundnut (S)	1.00	5.00	16000	7300
Field Crop 5	Chickpea (R )	1.00	3.00	9600	3100
<b>Total</b>				<b>54100</b>	<b>24500</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	Foxtail millet + Redgram (K)	1.00	8.87 (CEY)	17750	6750	153.43	206.81
Field Crop 2	Maize (K)	1.00	14.00	18900	12100	55.56	128.30
Field Crop 3	Greengram (K)	1.00	4.50	19350	14050	50.00	112.87
Field Crop 4	Groundnut (S)	1.00	7.00	31500	19500	40.00	167.12
Livestock 1	CB Cows rearing	2	4160	116480	67780	>100	>100
<b>Total</b>				<b>203980</b>	<b>120180</b>	<b>-</b>	<b>390.53</b>

**Brief:** The farmer used to get annual income of **Rs. 24,500/-** from Maize, Greengram, Foxtail millet, Groundnut and Chickpea. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Foxtail millet (DHft 109-3) + Redgram (TS-3R) intercropping system, Improved variety of Greengram (DGGV-2), ICM practices in Maize, Groundnut and rearing of CB cows**, he is now getting net annual income of **Rs.1,20,180/-**



**Foxtail millet + Redgram intercropping system**



**Fodder crops for improved nutrition of CB cows**



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Manappa Jampanna Lamani

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 55

Education : 7<sup>th</sup>

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	Greengram (K)	3.00	9.00	34200	19800
Field Crop 2	Rabi Sorghum (R )	3.00	12.00	24000	12000
<b>Total</b>				<b>58200</b>	<b>31800</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	Greengram (K)	3.00	13.50	58050	42150	50.00	112.87
Field Crop 2	Rabi Sorghum (R )	3.00	16.50	41250	21150	37.50	76.25
Livestock 1	Sheep rearing	4	2	18000	10000	100.00	100.00
<b>Total</b>				<b>117300</b>	<b>73300</b>	<b>-</b>	<b>130.50</b>

**Brief:** The farmer used to get annual income of **Rs. 31,800/-** from Greengram and Rabi Sorghum. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Improved varieties in Greengram (DGGV-2) and Rabi Sorghum (SPV-2217) with ICM practices and sheep rearing**, he is now getting net annual income of **Rs.73,300/-**.



Maize + Redgram intercropping system



Scientists visit to Dryland Cashew orchard



Name of farmer: Shri Chandu Shivappa Lamani

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 38

Education : 7<sup>th</sup>

Size of land holding (in acre): 2.0

### 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	Greengram (K)	1.00	3.00	11400	6600
Field Crop 2	Maize (K)	1.00	9.00	10800	5300
Field Crop 3	Groundnut (S)	1.00	5.00	16000	7300
<b>Total</b>				<b>38200</b>	<b>19200</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.)	Productio n	Income
Field Crop 1	Greengram (K)	1.00	4.50	19350	14050	50.00	112.8
Field Crop 2	Maize (K)	1.00	14.00	18900	12100	55.56	128.3
Field Crop 3	Rabi Sorghum (R )	0.50	3.50	8750	6000	>100	>100
Livestock 1	CB Cow rearing	2	1620	45360	27360	>100	>100
<b>Total</b>				<b>92360</b>	<b>59510</b>	<b>-</b>	<b>209.95</b>

**Brief:** The farmer used to get annual income of **Rs. 19,200/-** from Maize, Greengram and Groundnut. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Improved variety in Greengram (DGGV-2) and Rabi Sorghum (SPV-2217), ICM practices in Maize, introduction of CB Cow and Fodder production**, he is now getting net annual income of **Rs. 59510/-** and there is cost saving of **RS.4000/-** per Cow in the production of milk.



**Fodder cafeteria for improved nutrition  
in cows**



**Demonstration of SPV-2217 variety of  
Rabi Sorghum**



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Krishna Hanumantappa Lamani

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 48

Education : 5<sup>th</sup>

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	Sp.Groundnut (K)	2.00	8.00	28800	11000
Field Crop 2	Greengram (K)	3.00	9.00	34200	19800
Field Crop 3	Rabi Sorghum (R)	3.00	12.00	24000	15000
<b>Total</b>				<b>87000</b>	<b>45800</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	Greengram+Redgram (K)	3.00	28.50 (CEY)	122550	85050	216.67	329.55
Field Crop 2	Groundnut (K)	2.00	14.00	63000	39000	75.00	254.55
Field Crop 3	Rabi Sorghum (R )	2.00	11.00	27500	20100	-8.33	34.00
Livestock 1	Cow rearing	2	1560	43680	30000	>100	>100
<b>Total</b>				<b>256730</b>	<b>174150</b>	<b>-</b>	<b>280.24</b>

**Brief:** The farmer used to get annual income of Rs. 45,800/- from Groundnut, Greengram and Rabi Sorghum. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Greengram (DGGV-2)+Redgram (TS-3R) intercropping system, Improved variety in Rabi Sorghum(SPV-2217), ICM practices in Groundnut and rearing of cow**, he is now getting net annual income of Rs.1,74,150/-



Greengram + Redgram intercropping system for higher productivity



ICM practices in Groundnut crop



Name of farmer: Shri Gopal Channappa Lamani

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 42

Education : 7<sup>th</sup>

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	Greengram (K)	2.00	6.00	22800	13200
Field Crop 2	Foxtail millet (K)	2.00	7.00	12600	4400
Field Crop 3	Rabi Sorghum (R)	4.00	16.00	32000	20000
<b>Total</b>				<b>67400</b>	<b>37600</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	Greengram + Redgram (K)	2.00	19.00 (CEY)	81700	56700	216.67	329.55
Field Crop 2	Foxtail Millet + Redgram (K)	2.00	17.74 (CEY)	35480	23480	153.40	433.64
Livestock 1	Goat rearing	8	3	30000	16000	>100	>100
<b>Total</b>				<b>147180</b>	<b>96180</b>	<b>-</b>	<b>155.80</b>

**Brief:** The farmer used to get annual income of **Rs. 37,600/-** from Greengram, Foxtail millet and Rabi Sorghum. He faced problems like lack of crop diversification, imbalance of nutrients, pest and diseases. With DFI interventions like **Greengram (DGGV-2) + Redgram (TS-3R)** and **Foxtail millet (DHft 109-3) + Redgram (TS-3R) intercropping systems and Goat rearing**, he is now getting net annual income of **Rs.96,180/-**.



**Greengram + Redgram intercropping system for enhancing income**



**Foxtail millet + Redgram intercropping system for drought proofing**



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Manohar Hanumantappa Karabhari

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 52

Education : 10<sup>th</sup>

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	Greengram (K)	1.00	3.00	11400	6600
Field Crop 2	Sp. Groundnut (K)	2.00	8.00	28800	11000
Field Crop 3	Rabi Sorghum (R )	1.00	4.00	8000	5000
Livestock 1	Cow rearing	1	520	12480	8480
<b>Total</b>				<b>60680</b>	<b>31080</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.)	Productio n	Income
Field Crop 1	Greengram (K)	1.00	4.50	19350	14050	50.00	112.80
Field Crop 2	Sp.Groundnut (K)	1.00	6.00	30000	18000	-25.00	63.64
Horti. Crop 1	Dryland Cashew (P)	1.00	2.00	21600	16600	>100	>100
Horti. Crop 2	Onion (K)	1.00	28.00	50400	39400	>100	>100
Livestock 1	Cow rearing	2.00	2080	58240	38240	300.00	350.94
<b>Total</b>				<b>179590</b>	<b>126290</b>	<b>-</b>	<b>306.34</b>

**Brief:** The farmer used to get annual income of Rs. 31,080/- from Greengram, Groundnut, Rabi Sorghum and Cow. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Improved varieties in Greengram (DGGV-2)**, **introduction of Onion (Arka Kalyan)**, **ICM practices in Greengram, Groundnut and Onion**, **Introduction of Dryland cashew**, **strengthening of dairy enterprise with introduction of Poultry and vermicompost unit**, he is now getting net annual income of Rs.1,26,290/-. There is cost saving of Rs. 6000 in the production of field crops as farmer is using own produced vermicompost for crops.



**Cultivation of Cashew under dry land condition**



**ICM practices in Groundnut crop for higher productivity**



Name of farmer: Shri Shekappa Somappa Lamani

Address : Mahalingapur village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age 58

Education : 3<sup>rd</sup>

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	Greengram (K)	2.00	6.00	22800	13200
Field Crop 2	Maize (K)	2.00	18.00	21600	10600
Field Crop 3	Rabi Sorghum (R)	2.00	8.00	16000	10000
Livestock 1	Cow	1	520	12480	7480
<b>Total</b>				<b>72880</b>	<b>41280</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	Greengram (K)	2.00	9.00	38700	28100	50.00	112.88
Field Crop 2	Maize (K)	1.00	14.00	18900	12100	-22.22	14.15
Field Crop 3	Groundnut (K)	2.00	14.00	63000	39000	>100	>100
Horti. Crop 1	Dryland Cashew (P)	1.00	2.00	21600	16600	>100	>100
Livestock 1	Cow rearing	2	2080	58240	38240	300.00	411.23
Livestock 2	Sheep and Goat rearing	10	4	32000	22000	>100	>100
<b>Total</b>				<b>232440</b>	<b>156040</b>	<b>-</b>	<b>278.00</b>

**Brief:** The farmer used to get annual income of Rs. 41,280/- from Greengram, Maize, Rabi Sorghum and Cow rearing. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Improved variety in Greengram (DGGV-2), ICM practices in Greengram, Maize and Groundnut, Introduction of Dryland Cashew, Sheep and Goat rearing and Vermicompost**, he is now getting net annual income of Rs.1,56,040/-. There is cost saving of Rs. 5500/- in the production of field crops as farmer is using own produced vermicompost for his field.



DGGV-2 variety of Greengram with ICM practices



Promotion of dryland horticulture



Name of farmer: Shri Venkaraddi Hanumaraddi Meti

Address : Arishinagodi village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age : 49

Education : 10<sup>th</sup>

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	Greengram (K)	2	6.5	24700	13900
Field Crop 2	Maize (K)	3	27.0	32400	15900
Field Crop 3	Bt. Cotton ( K)	3	21.0	84000	42000
Field Crop 4	Rabi Sorghum ( R )	2	6.0	12000	6000
Field Crop 5	Bengalgram ( R )	3	9.0	27000	9000
<b>Total</b>				<b>180100</b>	<b>86800</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	Greengram (K)	2	9.0	38700	27100	38.46	94.96
Field Crop 2	Maize (K)	3	34.0	45900	25500	25.93	60.38
Field Crop 3	Bt. Cotton ( K)	3	32.0	192000	120000	52.38	185.71
Field Crop 4	Rabi Sorghum ( R )	2	10.0	25000	17600	66.66	193.33
Field Crop 5	Bengalgram ( R )	3	12.5	52500	30000	38.89	233.33
<b>Total</b>				<b>354100</b>	<b>220200</b>	<b>-</b>	<b>153.69</b>

**Brief:** The farmer used to get annual income of **Rs. 86,800/-** from Greengram, Maize, Bt.Cotton, Rabi Sorghum and Bengalgram. He faced problems like lack of improved varieties, imbalance of nutrients, pest and diseases. With DFI interventions like **Improved varieties (Greengram : DGGV-2, Rabi Sorghum:SPV-2217, Bengalgram:NBEG-49) with ICM practices**, he is now getting net annual income of **Rs.2,20,200/-**.



Demonstration on ICM in Maize crop



KVK Scientists visit to demonstration plot of Bengalgram crop



Name of farmer: Shri Sakarusab M. Nadaf

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 60

Education : 4<sup>th</sup> Class

Size of land holding (in acre): 2.00

## 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 (K)	1.00	10.00	11000	4500
Field Crop 2	Bengalgram (R )	1.00	3.00	12000	6900
Horti. Crop 3	Onion (K)	1.00	19.00	28500	20500
<b>Total</b>				<b>51500</b>	<b>31900</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 (K)	1.00	16.00	21600	13800	60.00	206.67
Field Crop 2	Bengalgram (R )	1.00	4.00	2400	16800	33.33	143.48
Horti. Crop 1	Onion (K)	1.00	28.00	50400	41100	47.37	100.49
Livestock 1	Desi Cow	1.00	520	14560	8060	>100.00	>100
<b>Total</b>				<b>88960</b>	<b>79760</b>	<b>-</b>	<b>150.03</b>

**Brief:** The farmer used to get annual income of **Rs.31,900/-** from Maize, Bengalgram and Onion. He faced problems like pest & disease incidence and low yield of local variety. With DFI interventions like **pest and disease management, balanced nutrition and introduction of improved varieties (Bengalgram: JAKI-9218, Onion: Arka Kalyan)** he is now getting net annual income of **Rs.79,760/-**.



KVK Scientist visit to onion field demonstrated with ICM practices



Integrated Crop Management in Maize crop for higher profitability



Name of farmer: Shri Basanagouda Ayanagouda Kalwad

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 45

Education : 8<sup>th</sup> Class

Size of land holding (in acre): 3.00

## 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 (K)	1.00	10.00	11000	4500
Field Crop 2	Greengram (K)	1.00	4.00	16000	10500
Field Crop 3	Rabi Sorghum (R)	1.00	3.50	7000	4000
Field Crop 4	Bengalgram (R)	1.00	3.00	5400	2600
Horti. Crop 1	Onion (K)	1.00	18.00	27000	12000
<b>Total</b>				<b>66400</b>	<b>33600</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 (K)	1.00	14.00	18900	9500	40.00	111.11
Field Crop 2	Greengram (K)	1.00	5.50	33000	26500	37.50	152.38
Field Crop 3	Rabi Sorghum (R)	1.00	4.50	11250	5950	28.57	48.75
Field Crop 4	Bengalgram (R)	1.00	4.50	27000	20800	50.00	700.00
Horti. Crop 1	Onion (K)	1.00	27.00	48600	36600	50.00	205.00
<b>Total</b>				<b>138750</b>	<b>99350</b>	<b>-</b>	<b>195.68</b>

**Brief:** The farmer used to get annual income of **Rs.33,600/-** from Maize, Greengram, Rabi Sorghum, Bengalgram and Onion. He faced problems like low yield of Greengram, Onion, Bengalgram and Sorghum crops due to pest & disease incidence and nutrition deficiency. With DFI interventions like **varietal introduction with ICM practices in Greengram (DGGV-2) Onion (Arka Kalyan) and Rabi Sorghum(SPV- 2217), pest and disease management**, he is now getting net annual income of **Rs.99,350/-**.



**Integrated Crop Management technologies in Maize crop for doubling of income**



**Demonstration of Arka Kalyan variety with ICM practices in onion crop**



Name of farmer: Shri Mylaragouda C Kalawad

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 38

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

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	Greengram (K)	2.00	6.00	27000	15400
Field Crop 2	Maize (K)	2.00	18.00	19800	7000
Field Crop 3	Bt.Cotton (K)	2.00	16.00	57600	29600
Field Crop 4	Rabi Sorghum (R)	2.00	6.00	10800	2900
Field Crop 5	Bengalgram (R)	2.00	6.00	24000	12000
Horti. Crop 1	Onion (K)	2.00	37.00	44400	28200
Livestock 1	Desi Cow	1	375	9000	5600
<b>Total</b>				<b>192600</b>	<b>100700</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	Greengram (K)	2.00	10.00	56000	43000	66.67	179.22
Field Crop 2	Maize (K)	2.00	26.00	35100	20900	44.44	198.57
Field Crop 3	Bt.Cotton (K)	2.00	20.00	90000	42000	25.00	41.89
Field Crop 4	Rabi Sorghum (R)	2.00	8.50	21250	8450	41.67	191.38
Field Crop 5	Bengalgram (R)	2.00	8.00	48000	34000	33.33	183.30
Horti. Crop 1	Onion (K)	2.00	30.00	54000	34400	-18.92	21.99
Livestock 1	Desi Cow	2	1125	31500	25000	200.00	346.43
<b>Total</b>				<b>335850</b>	<b>207750</b>	<b>-</b>	<b>106.31</b>

**Brief:** The farmer used to get annual income of **Rs.1,00,700/-** from Maize, Greengram, Rabi Sorghum, Bengalgram, Onion and Local cow. He faced problems like low yield of Greengram and Bengalgram due to pest & disease incidence, nutrition deficiency in Maize and use of low yielding local varieties in Greengram, Onion, Bengalgram and Rabi Sorghum crops. With DFI interventions like **varietal introduction with ICM practices in Greengram (DGGV-2), Onion(Arka Kalyan), Rabi Sorghum(SPV-2217) and Bengalgram (JAKI-9218) with balanced nutrition in Cow**, he is now getting net annual income of **Rs.2,07,750/-**.



Farmer in his onion Field with ICM practices



Maize field of farmer adopting ICM Practices



Name of farmer: Shri Mahamad Raffi S. Nadaf

Address : Kalakeri village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 40

Education : 3<sup>rd</sup> Class

Size of land holding (in acre): 2.00

## 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	Groundnut (K)	1.00	8.00	25600	17800
Field Crop 2	Bt.Cotton (K)	1.00	9.00	32400	22800
Field Crop 3	Bengalgram (R)	1.00	3.50	10500	5600
<b>Total</b>				<b>68500</b>	<b>46200</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	Groundnut (K)	1.00	10.50	48300	39300	31.25	120.79
Field Crop 2	Bt.Cotton (K)	1.00	12.00	54000	43200	33.33	89.47
Field Crop 3	Bengalgram (R)	1.00	5.50	23100	14500	57.14	158.92
Livestock 1	Desi cow	1	530	14840	8840	>100	>100
<b>Total</b>				<b>140240</b>	<b>105840</b>	<b>-</b>	<b>129.09</b>

**Brief:** The farmer used to get annual income of **Rs.46,200/-** from Bt.Cotton, Groundnut and Bengalgram. He faced problems like low yield in local variety and pest & disease incidence in Cotton and Bengalgram, imbalanced nutrition in Groundnut crop. With DFI interventions like **pest and disease management in Bt.Cotton and Bengalgram, introduction of improved variety in Bengalgram (JAKI-9218), ICM in Groundnut and introduction of livestock**, he is now getting net annual income of **Rs.1,05,840/-**.



ICM Practices in Groundnut for doubling of farmers' income



ICM Practices in Bt. Cotton for enhancing net returns



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Basavaraddi H. Rayaraddi

Address : Arishinagodi village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 52

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	Greengram (K)	2.00	7.00	28700	16400
Field Crop 2	Maize (K)	2.00	18.00	19800	6900
Field Crop 3	Safflower (R)	2.00	8.00	28000	16200
Field Crop 4	Bengalgram (R)	2.00	8.00	25600	15300
Livestock 1	Desi Cow	5	2560	61440	43940
<b>Total</b>				<b>163540</b>	<b>98740</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	Greengram (K)	2.00	9.00	54000	39200	28.57	139.02
Field Crop 2	Maize (K)	2.00	29.00	39150	23250	61.11	236.95
Field Crop 3	Safflower (R)	2.00	11.00	55000	41100	37.50	153.70
Field Crop 4	Bengalgram (R)	2.00	11.00	46200	32000	37.50	109.15
Livestock 1	Desi Cow	10	6250	175000	115000	144.1	161.72
<b>Total</b>				<b>369350</b>	<b>250550</b>	<b>-</b>	<b>153.75</b>

**Brief:** The farmer used to get annual income of **Rs.98,740/-** from Maize, Greengram, Safflower, Bengalgram and Local cow. He faced problems like low yield in local variety in Greengram and Bengalgram crops, pest & disease incidence in Maize and Safflower crops and imbalanced nutrition in livestock. With DFI interventions like **varietal introduction with ICM practices in Bengal gram (JAKI-9218) and Greengram (DGGV-2), pest and disease management in Maize and Safflower crops and balanced nutrition in livestock**, he is now getting net annual income of **Rs.2,50,550/-**



**Integrated Crop Management in Maize crop for higher profitability**



**Demonstration of ISF-764 variety of Safflower**



Name of farmer: Shri Hemaraddi G. Halakatti

Address : Arishinagodi village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 60

Education : SSLC

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	Maize (K)	2.00	21.00	23100	10100
Field Crop 2	Greengram (K)	2.00	7.00	28000	16600
Field Crop 3	Bt.Cotton (K)	1.00	6.00	19200	9400
Field Crop 4	Rabi Sorghum (R)	2.00	7.50	13500	5400
Field Crop 5	Bengalgram (R)	2.00	7.50	24000	12500
<b>Total</b>				<b>107800</b>	<b>54000</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 (K)	2.00	30.00	40500	23300	42.86	130.69
Field Crop 2	Greengram (K)	2.00	10.00	48000	31500	42.86	89.76
Field Crop 3	Bt.Cotton (K)	1.00	8.00	36000	23700	33.33	152.12
Field Crop 4	Rabi Sorghum (R)	2.00	11.00	27500	17200	46.66	218.52
Field Crop 5	Bengalgram (R)	2.00	10.50	45150	30550	40.00	144.40
<b>Total</b>				<b>197150</b>	<b>126250</b>	<b>-</b>	<b>133.80</b>

**Brief:** The farmer used to get annual income of **Rs.54,000/-** from Maize, Greengram, Rabi Sorghum, Bengalgram and Bt. Cotton. He faced problems like low yield in local variety in Greengram, Rabi Sorghum and Bengalgram crops, pest & disease incidence in Maize, Bt. Cotton and Bengalgram crops. With DFI interventions like **varietal introduction with ICM practices in Rabi Sorghum(SPV-2217), Bengal gram (JAKI-9218) and Greengram (DGGV-2), pest and disease management in Maize and Bt. Cotton**, he is now getting net annual income of **Rs.1,26,250/-**.



Integrated Crop Management in Maize and Bt. Cotton



Name of farmer: Shri Somaraddi N. Halakatti

Address : Arishinagodi village, Block.: Naragund, Dist.: Gadag,  
State: Karnataka

Age 58

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

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	Greengram (K)	1.00	3.00	12000	5700
Field Crop 2	Maize (K)	2.00	16.00	17600	7000
Field Crop 3	Bt.Cotton (K)	2.00	14.00	42000	26000
Field Crop 4	Rabi Sorghum (R)	1.00	4.00	8000	4500
Field Crop 5	Bengalgram (R)	2.00	7.00	21000	9800
<b>Total</b>				<b>100600</b>	<b>53000</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/ No	Productio n(Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Greengram (K)	1.00	4.00	24000	15600	33.33	173.68
Field Crop 2	Maize (K)	2.00	28.00	37800	21300	75.00	204.28
Field Crop 3	Bt.Cotton (K)	2.00	18.00	70200	45200	28.57	73.85
Field Crop 4	Rabi Sorghum (R)	1.00	5.50	13750	8750	37.50	94.44
Field Crop 5	Bengalgram (R)	2.00	10.00	42000	27200	42.86	177.55
Livestock 1	Desi Cow	2	1050	29400	16900	>100	>100
				<b>217150</b>	<b>134950</b>	<b>-</b>	<b>154.62</b>

**Brief:** The farmer used to get annual income of **Rs.53,000/-** from Maize, Greengram, Rabi Sorghum, Bengalgram and Bt. Cotton. He faced problems like low yield in local variety in Greengram, Bengalgram and Rabi Sorghum crops, pest & disease incidence in Bt. Cotton, Maize and Bengalgram. With DFI interventions like **varietal introduction with ICM practices in Rabi Sorghum (SPV-2217), Bengal gram (JAKI-9218) and Greengram (DGGV-2), pest and disease management in Maize and Bt. Cotton crops and introduction of livestock (Cow)**, he is now getting net annual income of **Rs.1,34,950/-**.



**Integrated Crop Management in Maize crop for enhanced income**



**Integrated Crop Management in Bt. Cotton crop for higher profitability**

Name of farmer: **Shri Vittalraddi V. Meti**Address : **Arishinagodi village, Block.: Naragund, Dist.: Gadag, State: Karnataka**Age **60**Education : **7<sup>th</sup> Class**Size of land holding (in acre): **12.00****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	Greengram (K)	5.00	16.00	64000	29000
Field Crop 2	Maize (K)	4.00	41.00	45100	15500
Field Crop 3	Bt. Cotton (K)	3.00	21.00	63000	34400
Field Crop 4	Sunflower (R)	5.00	21.00	71400	37600
Field Crop 5	Bengalgram (R)	4.00	14.00	44800	21800
<b>Total</b>				<b>288300</b>	<b>138300</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	Greengram (K)	5.00	24.00	139200	91000	50.00	213.79
Field Crop 2	Maize (K)	4.00	57.00	76950	43950	39.02	183.55
Field Crop 3	Bt. Cotton (K)	3.00	28.00	126000	90000	33.33	161.63
Field Crop 4	Sunflower (R)	5.00	32.00	144000	103000	52.38	173.94
Field Crop 5	Bengalgram (R)	4.00	22.00	90200	61200	57.14	180.73
Livestock 1	Desi Cow	2	980	27440	15200	>100	>100
				<b>603790</b>	<b>404350</b>	<b>-</b>	<b>192.37</b>

**Brief:** The farmer used to get annual income of **Rs.1,38,300/-** from Greengram, Maize, Sunflower, Bengalgram and Bt. Cotton. He faced problems like low yield in local variety in Greengram and Bengalgram crops, pest & disease incidence in Maize, Sunflower and Bt. Cotton crops. With DFI interventions like **varietal introduction with ICM practices in Bengal gram (JAKI-9218) and Greengram (DGGV-2), pest and disease management and balanced nutrition in Maize, Bt. Cotton and Sunflower crops and by introduction of cow**, he is now getting net annual income of **Rs. 4,04,350/-**.



**Integrated Crop Management in Maize crop for doubling of income**



**KVK Scientist visit to Bt. Cotton field**



Name of farmer: Smt. Nagavva Basayya Dandin

Address : Village: Shirol Block: Gadag,

Dist.: Gadag, State: Karnataka

Age 55

Education : 4<sup>th</sup> standard

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	Maize (K)	1.5	12	14400	6400
Field Crop 2	Greengram (K)	1.00	3	11400	6600
Field Crop 3	Groundnut (S)	2.00	10	32000	14600
Hort. Crop 1	Okra (R)	0.5	15	27000	14000
<b>Total</b>				<b>84800</b>	<b>41600</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+Redgram (K)	1.00	25.50(CEY of	34425	26625	218.75	316.02
Field Crop 1	Greengram (K)	1.5	6.75	29025	21075	50	219.32
Field Crop 2	Groundnut (S)	1.00	7.00	31500	19500	50	33.56
Hort. Crop 1	Okra (R)	0.5	22.00	44000	28800	46.66	105.71
Hort. Crop 2	Cluster bean (R)	0.5	9.50	19950	13450	>100	>100
Hort. Crop 3	Radish (R)	0.5	24.00	55200	37100	>100	>100
Livestock	Local Buffaloe	1	1530	53550	32130	>100	>100
<b>Total</b>				<b>267650</b>	<b>178680</b>	<b>-</b>	<b>329.52</b>

**BRIEF:** The farm women used to get annual income of **Rs.41600** /- from Maize, Greengram, Groundnut and Okra. She faced problems like low productivity due to use of local varieties, imbalanced nutrition, lack of knowledge on intercropping system and pest and disease incidence. With DFI interventions like **use of improved varieties(Groundnut:DH-256, Greengram:DGGV-2, Okra-Arka Anamika), intercropping system (Maize + Redgram), Diversification of vegetables crops (Cluster bean & Radish) , ICM practices and Scientific Dairy Farming**, she is now getting net annual income of **Rs.178680** /-.



**Bountiful crop of Okra variety Arka Anamika with ICM practices**



**Dairy management for regular income**



Name of farmer: Shri Channabasanagouda Fakkiragouda Patil

Address : Village: Chikkasavanur Block: Shirahatti

Dist.: Gadag, State: Karnataka

Age 45

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

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 (K)	3.00	24.00	27600	6600
Field Crop 2	Greengram (K)	1.00	3.00	11400	6600
Field Crop 3	Groundnut (S)	3.00	20.00	64000	29200
Hort. Crop 1	Green chilli (K)	1.00	43.50	87000	38400
Hort. Crop 2	Ridgegourd (R)	1.00	15.00	24000	12450
Hort. Crop 3	Cucumber (R)	1.00	25.9	33670	17850
<b>Total</b>				<b>247670</b>	<b>111100</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+Redgram (K)	3.00	50.00 (CEY)	67500	30000	108.33	354.55
Field Crop 2	Greengram (K)	1.00	4.5	19350	14050	50.00	112.88
Field Crop 3	Groundnut (S)	3.00	21.00	94500	58500	05.00	100.34
Hort. Crop 1	Green chilli (K)	1.00	60.00	150000	96600	37.93	151.56
Hort. Crop 2	Dolichos bean (R)	1.00	33.00	66000	48500	>100	>100
Hort. Crop 3	Ridgegourd (R)	0.5	14.50	42100	30450	-3.33	144.58
Hort. Crop 4	Cucumber (R)	0.5	25.00	45000	28600	-3.47	60.22
<b>Total</b>				<b>484450</b>	<b>306700</b>	<b>-</b>	<b>176.05</b>

**BRIEF:** The farmer used to get annual income of Rs. 111100 /- from Greengram, Groundnut, Green chilli, Ridgegourd and Cucumber. He faced problems like low productivity due to use of local varieties, imbalanced nutrition and pest & disease incidence. With DFI interventions like use of improved varieties(Groundnut:DH-256, Greengram:DGGV-2 and Ridgegourd:Arka Prasanna), along with ICM practices and introduction of Dolichos bean crop (Variety: Arka Amogh) as new crop, he is now getting net annual income of Rs.306700/-.



Introduction of Dolichos Bean (Variety: Arka Amogh)



ICM in Green Chilli for higher profitability



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Venkaraddi Shivappa Chakalabbi

Address : Village: Hosalli Block: Gadag

Dist.: Gadag, State: Karnataka

Age 52

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	Greengram (K)	4.00	12.00	45600	26400
Field Crop 2	Bengalgram (R)	4.00	12.00	38400	12400
Hort. Crop 1	Red chilli (K)	4.00	8.50	76500	36500
<b>Total</b>				<b>160500</b>	<b>75300</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	Greengram (K)	4.00	18.00	77400	56200	50.00	112.87
Field Crop 2	Bengalgram (R)	4.00	18.00	75600	45600	50.00	267.74
Hort. Crop 1	Red chilli (K)	4.00	12.00	145200	78800	41.18	115.89
Livestock 1	Sheep rearing	90	50 kids/year	300000	212700	>100	>100
<b>Total</b>				<b>598200</b>	<b>393300</b>	<b>-</b>	<b>422.31</b>

**BRIEE:** The farmer used to get annual income of **Rs.75300/-** from Greengram, Bengalgram and Red chilli crops cultivation. He faced problems like low productivity due to use of local varieties, imbalanced nutrition and pest & disease incidence. With DFI interventions like **use of improved varieties (Greengram:DGGV-2 & Bengalgram:JAKI-9218)** with ICM practices and Sheep and Goat rearing, he is now getting net annual income of **Rs. 393300/-**.



Quality Byadagi Chilli production



Livestock rearing of sheep and goat



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Shivapujappa Fakkirappa Akki

Address : Village: Hosalli Block: Gadag  
Dist.: Gadag, State: Karnataka

Age : 58

Education : SSLC

Size of land holding (in acre): 6.50

### 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	Groundnut (K)	1.50	7.5	24000	10950
Field Crop 2	Rabi Sorghum (R)	1.50	6.0	12000	5500
Hort. Crop 1	Red chilli (K)	5.00	11.25	101250	51750
<b>Total</b>				<b>137250</b>	<b>68200</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	Groundnut (K)	1.50	10.50	47250	29250	40.00	167.12
Field Crop 2	Rabi Sorghum (R)	1.50	8.50	21250	15700	41.66	185.45
Hort. Crop 1	Red chilli (K)	5.00	15.00	183000	109000	33.33	110.63
<b>Total</b>				<b>251500</b>	<b>153950</b>	<b>-</b>	<b>125.73</b>

**Brief:** The farmer used to get annual income of **Rs. 68200/-** from Groundnut, Rabi Sorghum and Red chilli cultivation. He faced problems like low productivity due to use of local varieties, imbalanced nutrition and pest & disease incidence. With DFI interventions like **ICM practices and New variety**, he is now getting net annual income of **Rs. 153950/-**.



ICM practices in Byadagi Chilli production for higher profitability



ICM practices in Rabi Sorghum variety SPV-2217 for higher productivity



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Mahantagouda S. Patil

Address : Village: Hosalli Block: Gadag

Dist.: Gadag, State: Karnataka

Age : 48

Education : B.Sc

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	Greengram (K)	2.00	6.00	22800	13200
Field Crop 2	Groundnut (S)	2.00	10.00	32000	14600
Hort. Crop 1	Red Chilli (K)	4.00	8.00	72000	34400
<b>Total</b>				<b>126800</b>	<b>62200</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
<b>Intercropping of Groundnut in Cashew and Mango mixed orchard</b>							
Field Crop 1	Greengram (K): In mango crop	2.00	5.50	20900	14170	-8.33	07.35
Field Crop 2	Groundnut (S): In mango crop		9.50	42750	25950	-5.00	77.74
Hort. Crop 1	Cashew (P)		2.80	30240	20040	>100	>100
Hort. Crop 2	Mango (P)		9.00	54000	27600		
Hort. Crop 3	Red chilli (K)	4.00	11	132000	71200	37.50	106.98
<b>Total</b>				<b>279890</b>	<b>158960</b>	<b>-</b>	<b>155.56</b>

**BRIEF:** The farmer used to get annual income of Rs. 62200/- from Greengram, Groundnut, Red chilli, He faced problems like low productivity due to non-adoption of ICM practices and non-diversification. With DFI interventions like **use of improved varieties(Groundnut:DH-256, Greengram:DGGV-2 & Cashew: Vengurla-4) and introduction of mixed fruit orchard**, he is now getting net annual income of Rs. 158960 /-.



ICM practices in Byadagi Chilli



Crop diversification through establishment of Cashew and Mango orchard in dryland for income security



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Shankarayya Veerayya Mathapati

Address : Village:Hirehandigol Block: Gadag

Dist.: Gadag, State: Karnataka

Age : 40

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.)
Hort. Crop 1	Onion (K)	2.00	44	35200	21400
Hort. Crop 2	Red chilli (K)	2.00	4	36000	18800
<b>Total</b>				<b>71200</b>	<b>40200</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	Onion (K)	2.00	58.5	70200	48900	32.95	128.50
Hort. Crop 2	Red chilli (K)	2.00	5.6	66080	39480	40.00	110.00
<b>Total</b>				<b>136280</b>	<b>88380</b>	<b>-</b>	<b>119.85</b>

**BRIEF:** The farmer used to get annual income of **Rs. 40200/-** from cultivation of Onion and Red chilli. He faced problems like low productivity due to use of local varieties (Onion: Bellary Red), imbalanced nutrition and pest & disease incidence. With DFI interventions like **use of improved variety (Onion: Bheema Super) and ICM practices** he is now getting net annual income of **Rs. 88380/-**.



Farmer adopted Bheema Super improved Onion variety with ICM practices in his field for better income



ICM in Byadagi Chilli crop for quality chilli fruits production



Name of farmer: Shri Veerayya Rachayya Angadi

Address : Village:Neelagund Block: Gadag

Dist.: Gadag, State: Karnataka

Age : 50

Education : PUC

Size of land holding (in acre): 4.00

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	Bt. Cotton (K)	2.00	12	48000	20000
Hort. Crop 2	Red chilli (K)	2.00	4	37600	19400
<b>Total</b>				<b>85600</b>	<b>39400</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	Bt. Cotton (K)	2.00	17.00	102000	54000	41.67	170.00
Hort. Crop 2	Red chilli (K)	2.00	5.50	65450	39850	37.50	105.41
<b>Total</b>				<b>167450</b>	<b>93850</b>	<b>-</b>	<b>138.20</b>

**BRIEF:** The farmer used to get annual income of **Rs. 39400/-** from cultivation of Bt. Cotton and Red Chilli. He faced problems like imbalanced nutrition and pest & disease incidence. With DFI interventions like **ICM practices in Bt.Cotton and Red chilli**, he is now getting net annual income of **Rs. 93850/-**.



ICM practices in Byadagi Chilli cultivation for quality chilli fruits production



ICM in Bt.Cotton for higher yield and profitability



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Uday Venkappa Birsal

Address : Village: Antu-Bentur Block: Gadag

Dist.: Gadag, State: Karnataka

Age : 33

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.)
Field Crop 1	Bt. Cotton (K)	2.00	12.50	50000	22000
Hort. Crop 1	Red chilli (K)	3.00	5.75	54625	30925
<b>Total</b>				<b>104625</b>	<b>52925</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	Bt. Cotton (K)	2.00	17.00	105000	54000	36.00	145.45
Hort. Crop 1	Red chilli (K)	3.00	8.25	100650	62700	43.48	102.75
<b>Total</b>				<b>205650</b>	<b>116700</b>	<b>-</b>	<b>120.50</b>

**BRIEF:** The farmer used to get annual income of **Rs. 52925/-** from Bt.Cotton and Red chilli. He faced problems like imbalanced nutrition and pest & disease incidence. With DFI interventions like **ICM practices in Bt.Cotton and Red chilli**, he is now getting net annual income of **Rs.116700/-**.



Quality Byadagi Chilli production for quality fruits and better market price



ICM practices in Bt.Cotton adopted by farmer in his field for better returns



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Praveen Mallappa Uppin

Address : Dundur village, Block.: Gadag, Dist.: Gadag,

State: Karnataka

Age : 32

Education : I.T.I

Size of land holding (in acre): 3.00

### 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	Groundnut (K)	2	10.4	33280	16480
Field Crop 2	Bt. Cotton (K)	1	8.45	25350	7150
Livestock 1	CB Cow	2	4080	81600	53040
<b>Total</b>				<b>140230</b>	<b>76670</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	Groundnut (K)	1	6.6	29700	19500	-36.54	18.33
Field Crop 2	Bt. Cotton (K)	1	10.5	42000	13500	24.26	88.81
Livestock 1	CB Cow	4	9180	266220	240820	125.00	354.03
Livestock 2	Poultry birds	10	168	1680	1008	>100	>100
<b>Total</b>				<b>339600</b>	<b>274828</b>	<b>-</b>	<b>258.46</b>

**Brief:** The farmer used to get annual income of **Rs.76,670/-** from milk production. He faced problems like lack of knowledge on balanced feeding and disease management etc. With DFI interventions like **training on scientific dairy management, vermicompost production etc.**, he is now getting net annual income of **Rs.2,74,828/-**. In addition, there is cost saving of **Rs.7,930/Cow** in the production of milk due to adoption of technologies like fodder production and silage production.



Farmer is involved in chaffing of Green fodder



Scientific milking method practiced by the farmer

## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Ashokraddi Hemappa Bentur

Address : Hosalli village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age : 45

Education : Diploma

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	Maize (K)	3	22.5	25875	7775
Field Crop 2	Groundnut (K)	3	15.0	48000	22500
Livestock 1	CB Cow	2	3442	68840	44747
<b>Total</b>				<b>142715</b>	<b>75022</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)	2.5	30.0	39000	17750	33.33	128.3
Field Crop 2	Groundnut (K)	3.0	22.4	100800	62800	49.33	179.11
Livestock 1	<b>CB Cow : Nutrition</b>	3	5890	170810	135210	71.12	202.17
Livestock 2	Poultry birds (Desi)	5	750	7500	5625	>100	>100
<b>Total</b>				<b>318110</b>	<b>221385</b>	<b>-</b>	<b>195.09</b>

**Brief:** The farmer used to get annual income of **Rs.75,022/-** from milk production. He faced problems like lack of knowledge on nutrition and disease management etc. With DFI interventions like **training on scientific dairy management, poultry farming and fodder production**, he is now getting net annual income of **Rs.2,21,385/-**. In addition, there is cost saving of **Rs.6810/Cow** in the production of milk due to adoption of technologies like **fodder production**.



Efficient utilisation of Green fodder by using chaff cutter



Hygienic method of maintenance of cattle shed for healthy milk production

Name of farmer: Shri Ningappa Tippanna Machenahalli

Address : Hosalli village, Block.: Shirahatti, Dist.: Gadag,  
State: Karnataka

Age : 40

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	Groundnut (K)	2	10	32000	15100
Field Crop 2	Maize (K)	2	16	18400	6100
Livestock 1	She Buffaloe	1	1020	25500	18360
Livestock 2	CB Cow	2	4335	86700	56355
<b>Total</b>				<b>162600</b>	<b>95915</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.)	Producti on	Income
Field Crop 1	Maize (K)	2	24	32400	13400	50.00	119.67
Hort. Crop 1	Onion (K)	1	30.5	36600	21300	>100	>100
Livestock 1	She Buffaloe	1	1148	40180	34825	12.55	89.68
Livestock 2	CB Cow	3	7267	210743	190443	67.64	237.93
Livestock 3	Poultry	25	3600	28800	21600	>100	>100
<b>Total</b>				<b>348723</b>	<b>281568</b>	<b>-</b>	<b>193.56</b>

**Brief:** The farmer used to get annual income of Rs. 95,915/- from field crops and dairy enterprises. He faced problems like lack of knowledge on nutrition and disease management etc. With DFI interventions like training on scientific dairy management, supply of fodder slips and seeds, poultry farming and ICM practices in crops, he is now getting net annual income of Rs.2,81,568/-. In addition, there is cost saving of Rs.6,382/animal in the production of milk due to adoption of technologies like fodder production.



Scientific method of Storage of dry fodder



Fodder cafeteria for feeding



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Ashok Basappa Dengennavar

Address : Hosalli village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age : 30

Education : I.T.I

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	Bt. Cotton (K)	2	13.0	39000	12500
Field Crop 2	Groundnut (K)	3	19.9	63680	36680
Hort. Crop 1	Red Chilly (K)	3	6.5	58500	36000
Livestock 1	CB Cow	2	3315	66300	43095
<b>Total</b>				<b>227480</b>	<b>128275</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/ No	Productio n(Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Bt. Cotton (K)	2.5	19	76000	31000	46.15	148.00
Field Crop 2	Groundnut (K)	2.5	17.5	78750	51250	-12.06	39.72
Hort. Crop 1	Red Chilly (K)	2.5	9.0	90000	65000	38.46	80.56
Livestock 1	<b>CB Cow : Nutrition</b>	3	5737	166373	150663	73.06	249.61
Livestock 2	Sheep (lambs)	15	8	40000	30000	>100	>100
<b>Total</b>				<b>451123</b>	<b>327913</b>	<b>-</b>	<b>155.63</b>

**Brief:** The farmer used to get annual income of **Rs.1,28,275/-** from dairy enterprise. He faced problems like lack of knowledge on nutrition and disease management. With DFI interventions like **training on scientific dairy management and fodder production**, he is now getting net annual income of **Rs.3,27,913/-**. In addition, there is cost saving of **Rs.6365/Cow** in the production of milk due to adoption of technologies like fodder cafeteria.



Cleaning of cattle shed to ensure hygienic milk production



Clean milk production by farmer

## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Shri Kumar Shekappa Ronad

Address : Hosalli village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age : 27

Education : 8<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	Bt. Cotton (K)	3	20.4	61200	16200
Field Crop 2	Groundnut (K)	3	17.4	55680	38280
Livestock 1	CB Cow	1	2550	51000	33150
<b>Total</b>				<b>167880</b>	<b>87630</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	Bt. Cotton (K)	3.0	24	96000	42000	17.65	159.26
Field Crop 2	Groundnut (K)	2.5	17.5	78750	52500	0.57	37.15
Livestock 1	CB Cow	3	8415	244035	200786	230.00	505.69
Livestock 2	Goat kids	10	16	80000	56000	>100	>100
<b>Total</b>				<b>498785</b>	<b>351286</b>	<b>-</b>	<b>300.87</b>

**Brief:** The farmer used to get annual income of **Rs.87,630/-** from crops and milk production. He faced problems like lack of knowledge on balanced nutrition and disease management etc. With DFI interventions like **training on scientific dairy management, vermicompost production etc.**, he is now getting net annual income of **Rs.3,51,286/-**. In addition, there is cost saving of **Rs.4544/Cow** in the production of milk due to adoption of technologies like fodder cafeteria.



Use of green fodder for higher milk productivity



Green fodder production unit of a farmer



Name of farmer: Shri Rudragoud Fakeerappa Doddagoudra

Address : Shirol village, Block.: Gadag, Dist.: Gadag,

State: Karnataka

Age : 65

Education : 5<sup>th</sup>

Size of land holding (in acre): 1.00

## 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 (K)	2	16	18400	6400
Livestock 1	CB Cow	1	1658	33160	21555
<b>Total</b>				<b>51560</b>	<b>27955</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.)	Productio n	Income
Field Crop 1	Maize (K)	1.20	18	24300	8700	12.50	35.94
Livestock 1	<b>CB Cow : Nutrition</b>	1	2168	62858	54288	30.76	151.86
Livestock 2	Goat kids	5	8	40000	30000	>100	>100
<b>Total</b>				<b>127158</b>	<b>92988</b>	<b>-</b>	<b>232.63</b>

**Brief:** The farmer used to get annual income of **Rs.27,955/-** from milk production. He faced problems like lack of knowledge on balanced nutrition and disease management etc. With DFI interventions **like training on scientific dairy management and supply of fodder seeds and slips etc.**, he is now getting net annual income of **Rs.92,988/-**. In addition, there is cost saving of **Rs.3,035/Cow** in the production of **milk due to adoption of technologies like fodder production and Azolla production.**



Health and nutrition management of dairy cattle



Name of farmer: Shri Mrutunjaya Ningappa Dandin

Address : Shirol village, Block.: Gadag, Dist.: Gadag,  
State: Karnataka

Age : 58

Education : 5<sup>th</sup>

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	Groundnut (K)	1.5	9	27000	16000
Field Crop 2	Rabi Sorghum (R)	0.5	1.5	2700	900
Horti Crop 1	Red Chilly (K)	1.5	3	27000	18000
Livestock 1	CB Cow	1	1657	33140	21542
<b>Total</b>				<b>89840</b>	<b>56442</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.)	Productio n	Income
Field Crop 1	Groundnut (K)	1.5	13.0	55900	39900	44.44	149.38
Field Crop 2	Rabi Sorghum (R)	0.5	2.0	5000	2000	33.33	122.22
Horti Crop 1	Red Chilly (K)	1.5	4.5	54000	36000	50.00	100.00
Livestock 1	<b>CB Cow : Nutrition</b>	2.0	3825	110925	95725	130.84	344.36
<b>Total</b>				<b>225825</b>	<b>173625</b>	<b>-</b>	<b>207.62</b>

**Brief:** The farmer used to get annual income of **Rs.56,442/-** from rearing of CB cows. He faced problems like lack of knowledge on balanced nutrition and disease management. With DFI interventions like **training on scientific dairy management and supply of fodder seeds and slips under FLD**, he is now getting net annual income of **Rs.1,73,625/-**. In addition, there is cost saving of **Rs.3,998/Cow** in the production of milk due to adoption of technologies like fodder production and Azolla production.



Clean milk production from dairy animal



## Effect of DFI intervention

Name of KVK: ICAR-KVK,

Name of farmer: Shri Praveen Kumar Basavantappa Radder

Address : Hosalli village, Block.: Ron, Dist.: Gadag,  
State: Karnataka

Age : 28

Education : P.U.C

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	Greengram (K)	3	6.6	26400	8400
Field Crop 2	Maize (K)	4	40	46000	18000
Field Crop 3	Rabi Sorghum (R)	3	8.0	14400	4800
Livestock 1	CB Cow	2	3825	76500	49725
<b>Total</b>				<b>163300</b>	<b>80925</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.)	Producti on	Income
Field Crop 1	Greengram (K)	3	9	48500	25500	36.36	203.57
Field Crop 2	Maize (K)	3	45	58500	31500	12.50	75.00
Field Crop 3	Rabi Sorghum (R)	3	12	30000	13200	50.00	175.00
Livestock 1	CB Cow : Nutrition	6	13005	377145	341545	240.00	586.87
Other Enterprise 2	Vermicompost	2 pits	1000	30000	18000	>100	>100
<b>Total</b>				<b>544145</b>	<b>429745</b>	<b>-</b>	<b>431.04</b>

**Brief:** The farmer used to get annual income of **Rs.80,925/-** from Dairy enterprise. He faced problems like lack of knowledge on nutrition and disease management. With DFI interventions like **training on scientific dairy management, silage making and vermicompost production**, he is now getting net annual income of **Rs.4,29,745/-**. In addition, there is cost saving of **Rs.7454/Cow** in the production of milk due to adoption of technologies like fodder cafeteria and silage making.



Silage production unit of the farmer



Health management in animals



Name of farmer: Shri Channabasayya Kotrayya Dandin

Address : Shirol village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age : 64

Education : 5<sup>th</sup>

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 (K)	2	16	18400	6900
Livestock 1	CB Cow	2	3825	76500	49725
<b>Total</b>				<b>94900</b>	<b>56625</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.)	Productio n	Income
Field Crop 1	Maize (K)	1	10	13500	6500	-37.50	-5.80
Livestock 1	<b>CB Cow : Nutrition</b>	4	8925	258825	233425	133.33	369.43
<b>Total</b>				<b>272325</b>	<b>239925</b>	<b>-</b>	<b>323.71</b>

**Brief:** The farmer used to get annual income of Rs. 56,625/- from Dairy enterprise. He faced problems like lack of knowledge on nutrition and disease management. With DFI interventions like **training on scientific dairy management and supply of fodder crop seeds and slips under FLD on fodder cafeteria**, he is now getting net annual income of Rs.2,39,925/-. In addition, there is cost saving of Rs.8567/Cow in the production of milk due to adoption of technologies like fodder production and usage of chaff cutter machine.



Silage feeding for reducing cost of milk production



Name of farmer: Shri Suresh Gundappa Shalavadi

Address : Hosalli village, Block.:Gadag, Dist.: Gadag,  
State: Karnataka

Age : 34

Education : B.Com

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	Groundnut (K)	2.0	10.4	33280	13280
Field Crop 2	Red Chilli (K)	1.5	3.3	29370	20070
Livestock 1	CB Cow	3	7650	153000	99450
<b>Total</b>				<b>215650</b>	<b>132800</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	Groundnut (K)	2.2	17.6	79200	51700	69.23	289.31
Field Crop 2	Red Chilli (K)	1.0	3.2	36800	26400	-3.03	31.54
Livestock 1	CB Cow	4	11220	325380	299980	46.67	201.64
<b>Total</b>				<b>441380</b>	<b>378080</b>	<b>-</b>	<b>184.70</b>

**Brief:** The farmer used to get annual income of **Rs.1,32,800/-** from Dairy enterprise. He faced problems like lack of knowledge on nutrition and disease management. With DFI interventions like **training on scientific dairy management and sale of milk**, he is now getting net annual income of **Rs.3,78,080/-**. In addition, there is cost saving of **Rs.11,500/Cow** in the production of milk due to adoption of technologies like fodder production and usage of chaff cutter machine.



Good management practices in milch animals to ensure better income



## Effect of DFI intervention

Name of KVK: ICAR-KVK, Gadag

Name of farmer: Smt. Mangala Kiran Neelagund

Address : Mulagund village, Block.: Gadag, Dist.:  
Gadag,

State: Karnataka

Age : 40

Education : B.Sc. (Agri.)

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	Maize (K)	4.0	32	36800	12800
Livestock 1	Sheep (Ram)	100	40	1200000	800000
Livestock 2	Goat (Buck)	5	2	60000	45000
<b>Total</b>				<b>1296800</b>	<b>857800</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 (K)	2.0	24.0	31200	14700	-25.00	14.84
Livestock 1	Sheep (Ram)	300	150.0	5700000	4560000	275.00	470.00
Livestock 2	Goat (Buck)	25	12.5	380000	304000	525.00	575.56
<b>Total</b>				<b>6111200</b>	<b>4878700</b>	<b>-</b>	<b>468.75</b>

**Brief:** The farmer used to get annual income of **Rs.8,57,800/-** from crop and rearing of sheep and goat. She faced problems like lack of knowledge on balanced nutrition and disease management. With DFI interventions like **training on scientific sheep and goat farming**, She is now getting net annual income of **Rs.48,78,700/-**. In addition, there is cost saving of **Rs.22,138/animal** in the production of meat due to adoption of technologies like **fodder production and silage making**.



Sheep and Goat unit of farm women



Silage production unit



Name of farmer: Shri Shekappa Takrappa Lamani

Address : Village: Mahalingapur, Block: Gadag,

Dist.: Gadag, State: Karnataka

Age : 48

Education : 3<sup>rd</sup> Class

Size of land holding (in acre): 3.00

### 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	Greengram (K)	1	2.50	10000	6000
Field Crop 2	Maize (K)	2	15.00	16500	8500
Field Crop 3	Rabi Sorghum	1	4.00	7200	4200
<b>Total</b>				<b>33700</b>	<b>18700</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	Greengram (K)	1	3.00	19500	13500	20.00	125.00
Field Crop 2	Maize (K)	2	20.00	28000	14000	33.33	64.71
Field Crop 3	Summer Groundnut	3	21.00	96600	48600	>100	>100
<b>Total</b>				<b>144100</b>	<b>76100</b>	<b>-</b>	<b>306.95</b>

**Brief:** The farmer used to get annual income of **Rs.18700/-** from Greengram, Maize and Rabi Sorghum. He faced problems like non-availability of improved varieties, imbalanced nutrition and defunct borewell. With DFI interventions like **borewell recharging, use of improved varieties(Groundnut:DH-256, Greengram:DGGV-2, ICM practices in Maize crop** he is now getting net annual income of **Rs.76,100/-**.



**Borewell recharging technology for increasing cropping intensity**



**ICM in DH-256 variety of Groundnut crop**