

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Jayaprakash, T.**Address:** S/o Thimmappa, G. T., N. G. Halli,**Ramagiri hobli, Holalkere taluk****Karnataka****Age:** 49**Education:** M. A., Mbrama. Phil.**Size of land holding (in acre):** 8 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.)
Hort. Crop 1	Arecanut	3 acres	13.60 q	421600	291300
Hort. Crop 2	Coconut	2 acres	6100 Nos.	73200	43400
Hort. Crop 3	Watermelon	3 acres	34.2 t	427500	255200
Hort. Crop 4	Lime	4 trees	4100 Nos.	4100	3500
Hort. Crop 5	Vegetables	Intercrop	1.2 t	24000	21300
<b>Total</b>				<b>950400</b>	<b>614700</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	Arecanut	3 acres	19.70 q	807700	675400	44.85	131.86
Hort. Crop 2	Coconut	2 acres	9600 Nos.	144000	111800	57.37	157.60
Hort. Crop 3	Watermelon	3 acres	41.5 t	539500	403000	21.34	57.9
Hort. Crop 4	Lime	4 trees	6200 Nos.	6200	5400	51.21	54.28
Hort. Crop 5	Vegetables	Intercrop	1.9 t	38000	33800	58.33	58.68
<b>Total</b>				<b>1535400</b>	<b>1229400</b>	<b>100</b>	

**Brief:** The farmer used to get net annual income of Rs. 614700 from arecanut, coconut, watermelon, lime and vegetables. He faced problems of nut dropping, mites, bud rot and inflorescence blight in arecanut, coconut mite and nut dropping in coconut, nutrient management and pest problems in lime, watermelon and vegetables. With doubling farmers income interventions like integrated crop management in coconut, areca nut, balanced nutrient and pest management in lime, watermelon and vegetables. He is getting net annual income of Rs. 1229400.

**Harvested Arecanut****Arecanut**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Mr. Dilip****Address: S/o Nagaraj, Hulavinal, Hiriyur taluk, Karnataka****Age: 35****Education: B. E.****Size of land holding (in acre): 35 acres****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Hort. Crop 1	Coconut	29 acres	65000 Nos.	780000	345000
Hort. Crop 3	Arecanut	Intercrop	14.25 q	441750	311750
Forestry crop1	Hebbevu	6 acres	0	0	0
Livestock 1	Goats	210 Nos.	25 Nos.	540000	348000
<b>Total</b>				<b>1761750</b>	<b>1004750</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	Coconut	29 acres	116000 Nos.	1856000	1363000	78.46	295.07
Hort. Crop 3	Arecanut	Intercrop	18.75 q	768750	629750	31.57	102.00
Forestry crop1	Hebbevu	6 acres	900 Nos.	257400	197400	100.00	100.00
Livestock 1	Goats	300 Nos.	30 Nos.	750000	526000	20.00	51.15
<b>Total</b>				<b>3632150</b>	<b>2716150</b>		<b>170.33</b>

**Brief:** The farmer used to get net annual income of **Rs. 1004750** from coconut, arecanut, hebbevu and goat rearing. He faced problems sodic soil, coconut mite in coconut, nut splitting and mites in arecanut, nutrient management in hebbevu and imbalanced nutrition in goats. With doubling farmers income interventions like integrated nutrient management in coconut and arecanut, nutrition management in hebbevu and goats has increased the yield. He is getting net annual income of **Rs. 2716150**.

**Livestock -Goats****Arecanut**



Name of farmer: Mr. Marulappa

Address: S/o Bommanna, Gundasamudra, Holalkere taluk

Karnataka

Age: 44,

Education: P.U.C.

Size of land holding (in acre): 20 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (O/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	10	18000 Nos.	216000	64000
Hort. Crop 2	Arecanut	8	23.2 q	742400	654400
Hort. Crop 3	Onion	Intercrop	31 q	58900	17900
Hort. Crop 4	Vegetable	Intercrop	25 q	45000	34000
Field Crop 1	Ragi	2	23 q	43700	20700
Livestock 1	Cows	1	1800 liters	43200	31200
<b>Total</b>				<b>1149200</b>	<b>822200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort. Crop 1	Coconut	10	21500 Nos.	344000	174000	19.44	171.88
Hort. Crop 2	Arecanut	8	38.4 q	1497600	1405600	65.52	114.79
Hort. Crop 3	Onion	Intercrop	36 q	79200	36200	16.13	102.23
Hort. Crop 4	Vegetable	Intercrop	40 q	80000	67000	60.00	97.06
Field Crop 1	Ragi	2	28 q	61600	37600	21.74	81.64
Livestock 1	Cows	1	2400 liters	67200	53200	33.33	70.51
<b>Total</b>				<b>2129600</b>	<b>1773600</b>		<b>115.71</b>

**Brief:** The farmer used to get net annual income of Rs. **822200** from coconut, arecanut, onion, chilli, ragi, and livestock components. He faced problems of coconut mite and nutrition problem in coconut, spindle bug and hidimundige in arecanut, pest and diseases in onion, neck blast in ragi and Imbalanced nutrition in cows. With doubling farmers income interventions like pest and nutrient management in coconut and arecanut, integrated pest management measures in onion and ragi has helped the farmer to improve the yield. Balanced nutrition and improved fodder for cows has increased the milk yield. He has been preparing vermicompost and using it in arecanut, onion and vegetable crops which has reduced investment on fertilizers. He is getting net annual income of **Rs. 1773600**.



Arecanut



Coconut

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Mr. Manjunath****Address: S/o Chandrappa, Kondajji, Hosadurga taluk****Karnataka****Age: 32****Education: P.U.C.****Size of land holding (in acre): 20 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.)
Hort. Crop 1	Coconut	10 acres	21000	252000	72000
Hort. Crop 2	Vegetables	Intercrop	2500	42500	30500
Field Crop 1	Groundnut	2 acres	6	23400	4400
Field Crop 2	Ragi	4 acres	16	43200	17200
Field Crop 3	Little millet	2 acres	7	19600	11600
Livestock 1	Cows	1 Nos.	430	10320	6320
<b>Total</b>				<b>391020</b>	<b>142020</b>

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	10 acres	25000	400000	208000	19.05	188.89
Hort. Crop 2	Vegetables	Intercrop	3200	60800	46800	28.00	53.44
Field Crop 1	Groundnut	2 acres	8	32000	8000	33.33	81.82
Field Crop 2	Ragi	4 acres	20	58000	28000	25.00	62.79
Field Crop 3	Little millet	2 acres	8	24800	15800	14.29	36.21
Livestock 1	Cows	1 Nos.	540	15120	10620	25.58	68.04
<b>Total</b>				<b>590720</b>	<b>317220</b>		<b>123.36</b>

**Brief:** The farmer used to get net annual income of **Rs. 142020** from coconut, vegetables, groundnut, ragi, little millet and cows. He faced problems of coconut mite and nutrient deficiency in coconut, pest and diseases in vegetables, groundnut, ragi and little millet and imbalanced nutrition in cows. With doubling farmers income interventions like integrated crop management in coconut, IPDM in vegetables, groundnut, ragi and little millets, balanced nutrition in cow has increased the yield. Jeevamrutha, Trichoderma, Pseudomonas and PSB application has increased the yield in coconut and vegetables. He is getting net annual income of **Rs. 317220**

**Coconut****Arecanut**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Mr. Ramachandrappa****Address: S/o Rangappa, Palavvanahalli,****Imangala hobli, Hiriyur taluk****Karnataka****Age: 65 years,****Education: B. Com.****Size of land holding (in acre): 27.5 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.)
Hort. Crop 1	Arecanut	4 acres	23.4 q	725400	605400
Hort. Crop 2	Onion	3 acres	160 q	304000	184000
Hort. Crop 3	Chrysanthemum	0.5 acres	7 q	56000	18000
Field Crop 1	Bengalgram	20 acres	45 q	193500	83500
Livestock 1	Cows	9 Nos.	1500 liters	39000	23000
<b>Total</b>				<b>1317900</b>	<b>913900</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	producti on	income
Hort. Crop 1	Arecanut	4 acres	36 q	1404000	1280000	53.85	111.43
Hort. Crop 2	Onion	3 acres	215 q	516000	306000	34.38	66.30
Hort. Crop 3	Chrysanthemum	0.5 acre	9 q	81000	39000	28.57	116.67
Field Crop 1	Bengalgram	20 acres	60 q	282000	162000	33.33	94.01
Livestock 1	Cows	12 Nos.	2100 liters	60900	42900	40.00	86.52
<b>Total</b>				<b>2343900</b>	<b>1829900</b>		<b>100.23</b>

**Brief:** The farmer used to get net annual income of **Rs. 913900** from arecanut, onion, chrysanthemum, , Bengalgram and cows etc. He faced problems of spindle bug, nut dropping and hidimundige in arecanut, purple blotch and thrips in onion, wilt disease and pod borer in bengalgram and Imbalanced nutrition in cows. With doubling farmers income interventions like integrated crop management and integrated pest and disease management in Arecanut, IPDM in chrysanthemum and Bengalgram, introduction fodder variety for animals and application Jeevamrutha to arecanut has increased the yield. He is getting net annual income of **Rs. 1829900**.

**Jeevamrutha Application****Arecanut**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Mr. Bharath****Address: S/o Hanumanthappa, Janakal, Hosadurga Taluk****Karnataka****Age: 28,****Education: B. E. (Civil)****Size of land holding (in acre): 6 acres****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	4 acres	23	713000	518900
Hort. Crop 2	Coconut	Intercrop	6950	83400	75400
Field Crop 1	Maize	2 acres	33	39600	11600
<b>Total</b>				<b>836000</b>	<b>605900</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	Arecanut	4 acres	30	1170000	1010000	30.43	94.6
Hort. Crop 2	Coconut	Intercrop	11800	188800	179800	69.78	138.46
Field Crop 1	Maize	2 acres	40	56000	22000	21.21	89.66
<b>Total</b>				<b>1414800</b>	<b>1211800</b>		<b>100.0</b>

**Brief:** The farmer used to get net annual income of **Rs. 605900** from arecanut, coconut and maize. He faced problems like spindle bug, mites and wilt in arecanut, coconut mite and wilt in coconut and fall armyworm in maize. With doubling farmers income interventions like integrated crop management in coconut, integrated pest and disease management in arecanut and maize and application of Jeevamrutha and Trichoderma has increased the yield. He is getting net annual income of **Rs.1211800**

**Arecanut****Coconut**



**Name of farmer:** Mr. Prasad Reddy  
**Address:** s/o Thimmareddy, Belagatta,  
 Turuvanuru Hobli, Chitradurga taluk  
 Karnataka  
**Age:** 28,  
**Education:** B. A.  
**Size of land holding (in acre):** 24 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	Redgram	6 acres	22.5 q	87750	33750
Field Crop 2	Bengalgram	18 acres	81 q	33210	199350
<b>Total</b>				<b>41985</b>	<b>233100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
Field Crop 1	Redgram	6 acres	30 q	126000	63000	33.33	86.67
Field Crop 2	Bengalgram	18 acres	117 q	538200	403200	44.44	102.3
<b>Total</b>				<b>664200</b>	<b>466200</b>		<b>100.0</b>

**Brief:** The farmer used to get annual net income of **Rs. 233100** from Redgram and Bengalgram crops. He faced sterility mosaic disease and pod borer in Redgram and wilt and pod borer in Bengalgram. With doubling farmers income interventions like seed treatment using bio inputs and fungicide and integrated pest and disease management measures for management of sterility mosaic disease and pod borer in Redgram and wilt disease and pod borer in Bengalgram has increased the yield. Foliar application of Pulse magic in Redgram and Chickpea special in Bengalgram has enhanced the yield. He is getting annual net income of **Rs. 466200**.



**Redgram**



**Bengalgram**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga



**Name of farmer: Mr. Ranganath**  
**Address: Thimmadasappa, Maddihalli,**  
**Dharmapura hobli, Hiriur taluk**  
**Karnataka**  
**Age: 45**  
**Education: P.U.C.**  
**Size of land holding (in acre): 5 acres**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1	6.75 q	209250	167250
Hort. Crop 2	Pomegranate	4	76.50 q	374850	198850
Hort. Crop 3	Betelvine	Intercrop	350000 Nos.	70000	44000
<b>Total</b>				<b>654100</b>	<b>410100</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	Arecanut	1	9.5 q	370500	324500	40.74	94.02
Hort. Crop 2	Pomegranate	4	116.50 q	664050	484050	52.29	143.42
Hort. Crop 3	Betelvine	Intercrop	425000 Nos.	127500	95500	21.43	117.05
<b>Total</b>				<b>1162050</b>	<b>904050</b>		<b>120.44</b>

**Brief:** The farmer used to get net annual income of **Rs. 410100** from arecanut, pomegranate and betel vine...etc. He faced problems like spindle bug and mites in arecanut, bacterial blight and wilt disease in pomegranate and stem rot disease in betel vine. With doubling farmer's income interventions like integrated pest management in arecanut, pomegranate and betel vine the yield has increased. He is getting net annual income of **Rs. 904050**. Farmer has prepared Jeevamrutha and applied bio inputs for management of bacterial blight and wilt disease in pomegranate.

**Betelvine****Jeevamrutha application**



**Name of farmer:** Mr. Mallikarjuna

**Address:** s/o Shivappa, Janakal, Hosadurga taluk

**Karnataka**

**Age:** 47

**Education:** P. U.C.

**Size of land holding (in acre):** 9 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	5	23500 Nos.	282000	207000
Hort. Crop 2	Arecanut	4	16.5 q	511500	423500
Hort. Crop 3	Vegetable	Intercrop	1.5 t	27000	16500
Field Crop 1	Fodder	Intercrop	60 q	12000	9800
Livestock 1	Cows	10 Nos.	1700 liters	40800	28800
<b>Total</b>				<b>873300</b>	<b>685600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort. Crop 1	Coconut	5 acres	32000 Nos.	512000	432000	36.17	108.70
Hort. Crop 2	Arecanut	4 acres	25.5 q	994500	902500	54.55	113.11
Hort. Crop 3	Vegetable	Intercrop	2.25 t	45000	33800	50.00	104.85
Field Crop 1	Fodder	Intercrop	75 q	16500	13900	25.00	41.84
Livestock 1	Cows	13 Nos.	2600 liters	72800	58800	17.65	104.17
<b>Total</b>				<b>1640800</b>	<b>1441000</b>		<b>110.18</b>

**Brief:** The farmer used to get net annual income of **Rs. 685600** from coconut, arecanut, vegetables, fodder and cows. He faced problems like coconut mite and wilt disease in coconut, spindle bug and hidimundige problem in arecanut, pest and diseases in vegetables and imbalanced feed and fodder management in cows, etc., With doubling farmers income interventions like integrated crop management and application of Jeevamrutha in coconut and arecanut, balanced nutrient management in cows, etc., He is getting net annual income of **Rs. 1441000**.



**Jeevamrutha application**



**Arenacut – Coconut intercropping**



**Name of farmer:** Mr. Kumarappa, V. S.

**Address:** s/o Siddaramappa, G. Vaderehalli, Ramagiri hobli, Holalkere taluk

**Karnataka**

**Age:** 52 years, **Education:** S.S.L.C

**Size of land holding (in acre):** 10 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.)
Hort. Crop 1	Coconut	4 acres	11900 Nos.	142800	81800
Hort. Crop 2	Arecanut	1 acres	4.75 q	152000	110000
Field Crop 1	Maize	3 acres	24 q	26400	5400
Field Crop 2	Ragi	2 acres	15.5 q	41850	22850
Livestock 1	Cows	2 Nos.	460 liters	11960	5460
<b>Total</b>				<b>375010</b>	<b>225510</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	4 acres	15500 Nos.	248000	184000	30.25	124.94
Hort. Crop 2	Arecanut	1 acres	7 q	266000	222000	47.37	101.82
Field Crop 1	Maize	3 acres	30 q	36000	9000	25.00	66.67
Field Crop 2	Ragi	2 acres	20 q	58000	36000	29.03	57.55
Livestock 1	Cows	3 Nos.	590 liters	17110	9910	28.3	81.50
<b>Total</b>				<b>625110</b>	<b>460910</b>		<b>104.39</b>

**Brief:** The farmer used to get net annual income of **Rs. 225510** from coconut, arecanut, maize and ragi. He faced problems of coconut mite and wilt disease in coconut, bud rot and nut dropping in arecanut, fall armyworm in maize and blast disease in ragi. With doubling farmers income interventions like integrated crop management and mulching using dried coconut fronds in coconut, integrated pest and disease management in arecanut, maize and ragi etc., he is getting net annual income of **Rs. 460910**



**Animal husbandry**



**Arecanut**



**Name of farmer: Mr. Badagi Rangappa**

**Address: s/o Obanna, Gudihalli, Thalaku Hobli, Challakere taluk  
Karnataka**

**Age: 58,**

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

**Size of land holding (in acre): 7.5 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.)
Hort. Crop 1	Onion	4 acres	250 q	475000	292925
Hort. Crop 2	Vegetable	0.5 acre	2 0 q	34000	25400
Field Crop 1	Maize	3 acres	78 q	101400	68400
Livestock 1	Cows	8 Nos.	12300 liters	319800	303800
Livestock 2	Sheep	12Nos.	12 Nos.	90000	42000
<b>Total</b>				<b>1020200</b>	<b>732525</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (O/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Onion	4 acres	360 q	936000	776000	44.00	164.9
Hort. Crop 2	Vegetable	0.5 acre	32.5 q	61750	51250	62.50	101.77
Field Crop 1	Maize	3 acres	90 q	144000	108000	15.38	57.89
Livestock 1	Cows	8 Nos.	15600 liters	452400	434400	26.83	42.99
Livestock 2	Sheep	18 Nos.	18 Nos.	171000	95400	50.00	127.14
<b>Total</b>				<b>1765150</b>	<b>1465050</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of **Rs. 732525** from onion, vegetable, maize and cows and sheep rearing. He faced problems of purple blotch and thrips damage on onion, pest and diseases in vegetables and fall army worm in maize. Fodder problem and nutritional imbalance in cows and sheep. With doubling farmers income interventions like IPDM in onion, vegetables and maize. Introduction of Napier and other fodder crops and use of micronutrients for cows and sheep improved the yield of milk and meat. Farmer is preparing Jeevamrutha and using it to onion and vegetables helped in reduction of pests. He is getting net annual income of **Rs. 1465050**



**Dairy unit**



**Sheep rearing**



**Name of farmer:** Mr. Virupaksha, K.  
**Address:** Veerappa, N. , Beerenahalli, Hiriur Taluk  
**K a r n a t a k a**  
**Age:** 30, **Education:** S.S.L.C  
**Size of land holding (in acre):** 8 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.)
Hort. Crop 1	Arecanut	4 acres	26 q	806000	627050
Hort. Crop 2	Onion	2 acres	146 q	189800	147800
Hort. Crop 3	Vegetable	Intercrop	1.25 t	21250	12750
Field Crop 1	Groundnut	2 acres	7.25 q	42050	21050
Field Crop 2	Bengalgram	Rabi crop	5.5 q	22550	6550
Livestock 1	Cows	2 Nos.	2940 liters	73500	64500
<b>Total</b>				<b>1155150</b>	<b>879700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (O/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	4 acres	38 q	1482000	1316000	46.15	109.9
Hort. Crop 2	Onion	2 acres	175 q	297500	249500	19.86	68.81
Hort. Crop 3	Vegetable	Intercrop	1.75 t	35000	24500	40.00	92.16
Field Crop 1	Groundnut	2 acres	10.5 q	67200	43200	44.83	105.23
Field Crop 2	Bengalgram	Rabi crop	7 q	31500	13500	27.27	106.11
Livestock 1	Cows	5 Nos.	4300 liters	124700	112700	46.3	74.73
<b>Total</b>				<b>2037900</b>	<b>1759400</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of **Rs. 879700** from arecanut, onion, vegetables, groundnut, bengalgram and cows. He faced the problems like mites and spindle bug in arecanut, thrips and purple blotch in onion, pest and diseases in vegetables, leaf spot and collar rot in groundnut, wilt and pod borer in bengalgram and imbalanced nutrition in cows. etc. With doubling farmers income interventions like integrated pest and disease management in arecanut, vegetables, onion, groundnut and bengalgram and introduction of new fodder variety for cows. etc., he is getting net annual income of **Rs. 1759400**



**Arecanut**



**Dairy**



**Name of farmer: Mr. Narappa**

**Address: s/o Mahadevappa, T. Nulenuru, Thalya Hobli, Holalkere taluk**

**Mobile Number :**

**Age: 35, Education: P. U. C.**

**Size of land holding (in acre): 5 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.)
Hort. Crop 1	Arecanut	4 acres	32 q	992000	830000
Hort. Crop 2	Tamarind	Intercrop	7.5 q	41250	30250
Hort. Crop 3	Vegetable	Intercrop	1.5 t	25500	17000
Hort. Crop 4	Mango	1 acre	12 q	14400	6400
Livestock 1	Cows	4 Nos.	1950 liters	48750	39750
<b>Total</b>				<b>1121900</b>	<b>923400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	4 acres	48 q	1872000	1706000	50.00	105.54
Hort. Crop 2	Tamarind	Intercrop	9.5 q	90250	78250	26.67	158.68
Hort. Crop 3	Vegetable	Intercrop	2.25 t	45000	34500	50.00	102.94
Hort. Crop 4	Mango	1 acre	17 q	23800	13800	41.67	115.63
Livestock 1	Cows	7 Nos.	2900 liters	84100	73100	48.7	83.90
<b>Total</b>				<b>2115150</b>	<b>1905650</b>		<b>106.37</b>

**Brief:** The farmer used to get net annual income of **Rs. 923400** from arecanut, tamarind, vegetable, mango and cows. He faced problems like hidimundige problem, spindle bug and mites in arecanut, fruit borer in tamarind, pest and diseases in vegetables, hoppers and powdery mildew in mango and nutritional imbalance in cows. etc., With doubling farmers income interventions like INM and IPDM in arecanut, tamarind, vegetables, mango and introduction of fodder variety for cows , etc., he is getting net annual income of **Rs. 1905650**



**Dairy unit**



**Arecanut**



**Name of farmer: Anil, R.**

**Address: s/o Ramaiah, Maddihalli, Dharmapura hobli, Hiriyur taluk**

**Mobile Number :**

**Age: 30 years, Education: P.U.C.**

**Size of land holding (in acre):9.5 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.)
Hort. Crop 1	Arecanut	1 acre	5.25 q	168000	126000
Hort. Crop 2	Tomato	1 acre	46 q	50600	15600
Hort. Crop 3	Pomegranate	4 acres	39 q	198900	152900
Field Crop 1	Groundnut	3 acre	8.5 q	48450	21450
Field Crop 2	Ragi	0.5 acre	3.5 q	9450	2450
<b>Total</b>				<b>475400</b>	<b>318400</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	Arecanut	1 acre	9.5 q	370500	325500	80.95	158.33
Hort. Crop 2	Tomato	1 acre	57 q	79800	31800	23.91	103.85
Hort. Crop 3	Pomegranate	4 acres	57.7 q	323120	275120	47.95	79.93
Field Crop 1	Groundnut	3 acres	10.5 q	64050	33050	23.53	54.08
Field Crop 2	Ragi	0.5 acre	4.25 q	12325	4325	21.43	76.53
<b>Total</b>				<b>849795</b>	<b>669795</b>		<b>110.36</b>

**Brief:** The farmer used to get net annual income of **Rs. 318400** from arecanut, tomato, pomegranate, groundnut and ragi. He faced problems of spindle bug, bud rot and mites in arecanut, leaf blight and fruit borer in tomato, bacterial blight and wilt in pomegranate, leaf miner and leaf spot in groundnut and blast disease in ragi. etc., with doubling farmers income interventions like integrated pest and disease management in arecanut, tomato, pomegranate, groundnut and ragi, etc., he is getting net annual income of **Rs. 669795**



**Arecanut**



**Pomegranate**



**Name of farmer:** Mr. Sannaboraiah, G.

**Address:** Gowdra Sannaboraiah, Nalagethanahatti,  
Nayakanahatti Hobli, Challakere Taluk  
Karnataka

**Age: 44, Education: S.S.L.C**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Chrysanthemum	2 acres	49 q	303800	113800
Hort. Crop 2	Onion	2 acres	128 q	166400	124400
Hort. Crop 3	Vegetable	Intercrop	1.75 t	28875	20375
Field Crop 1	Groundnut	2 acres	7.5 q	43500	22500
Livestock 1	Cows	1 Nos.	460 liters	11500	7000
<b>Total</b>				<b>554075</b>	<b>288075</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	production	income
Hort. Crop 1	Chrysanthemum	2 acres	58 q	487200	277200	18.37	143.59
Hort. Crop 2	Onion	2 acres	182 q	309400	261400	42.19	110.13
Hort. Crop 3	Vegetable	Intercrop	2.5 t	47500	37000	42.86	81.60
Field Crop 1	Groundnut	2 acres	9.75 q	62400	38400	30.00	70.67
Livestock 1	Cows	1 Nos.	590 liters	17110	9110	28.26	30.14
<b>Total</b>				<b>923610</b>	<b>623110</b>		<b>116.30</b>

**Brief:** The farmer used to get net annual income of **Rs. 288075** from Chrysanthemum, onion, vegetable, groundnut and cows. He faced the problems like thrips, leaf blight and wilt in chrysanthemum, thrips and purple blotch in onion, pest and diseases in vegetables, leaf miner and collar rot in groundnut, imbalanced nutrition in cows. etc. With doubling farmers income interventions like IPDM in chrysanthemum, vegetables, onion and groundnut and introduction of new fodder variety for cows. etc., he is getting net annual income of **Rs. 623110**



**Chrysanthemum**



**Sheep rearing**



**Name of farmer:** Mr. Prakash, S.

**Address:** Sarpabhushanaiah, Adivala, Hiriyur Taluk  
Karnataka

**Age:** 56, **Education:** B. Sc.

**Size of land holding (in acre):** 5 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.)
Hort. Crop 1	Coconut	4 acres	11200 Nos.	134400	80400
Hort. Crop 2	Pomegranate	Intercrop	76.50 q	374850	198850
Field Crop 1	Fodder	1 acre	0	0	0
Livestock 1	Cows	2 Nos.	2240 liters	53760	32760
<b>Total</b>				<b>563010</b>	<b>312010</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort. Crop 1	Coconut	4	15000 Nos.	240000	175000	33.93	117.66
Hort. Crop 2	Pomegranate	Intercrop	109 q	1111800	711800	42.48	257.96
Field Crop 1	Fodder	1	50000 Nos.	50000	43600	100.00	100.00
Livestock 1	Cows	3	3360 liters	97440	65440	50.0	99.76
<b>Total</b>				<b>1499240</b>	<b>995840</b>		<b>219.17</b>

**Brief:** The farmer used to get net annual income of **Rs. 312010** from coconut, pomegranate, fodder and cows. He faced the problems like coconut mite and leaf blight in coconut, bacterial blight, wilt and thrips in pomegranate, nutritional imbalance in cows, etc. With doubling farmers income interventions like IPDM in coconut and pomegranate and introduction of Super Napier f o d d e r variety for cows, etc., he is getting net annual income of **Rs. 995840**



**Coconut**



**Pomegranate**



## Effect of DFI intervention

Name of KVK: ICAR- KVK Chitradurga

Name of farmer: Mr. Siddesh, G.

Address: s/o Gurusiddappa, K. M. Kottige, Hiriyr taluk  
Karnataka

Age: 44, Education: SSLC

Size of land holding (in acre): 11.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	5 acres	27.5 q	880000	655000
Hort. Crop 2	Pomegranate	4 acres	245 q	1372000	1052000
Hort. Crop 3	Papaya	2.5 acres	202.50 q	101250	39250
Livestock 1	Cows	2 Nos.	560 liters	13440	6940
<b>Total</b>				<b>2366690</b>	<b>1753190</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	Arecanut	5 acres	41 q	1681000	1431000	49.09	118.47
Hort. Crop 2	Pomegranate	4 acres	335 q	2479000	2129000	36.73	102.38
Hort. Crop 3	Papaya	2.5 acres	244 q	147000	72000	20.99	83.44
Livestock 1	Cows	3	700 liters	20300	11800	25.0	70.03
<b>Total</b>				<b>4327300</b>	<b>3643800</b>		<b>107.84</b>

**Brief:** The farmer used to get net annual income of **Rs. 1753190** from arecanut, pomegranate and papaya...etc. He faced problems like spindle bug, mites and bud rot in arecanut, thrips, bacterial blight and wilt disease in pomegranate and ring spot virus in papaya. With doubling farmers income interventions like integrated pest management in arecanut, pomegranate and papaya the yield has increased. He is getting net annual income of **Rs.3643800**. Farmer has prepared Jeevamrutha and also applied bio inputs in all crops for increasing yield.



Jeevamrutha tank



Pomegranate



Arecanu



Name of farmer: Mr. Tirumalesh H Kendra, Chitradurga

Address: s/o Hanumantharayappa

Haligondanahalli, Challakere Tq.,Chitradurga Dist.

Karnataka

Age: 45, Education: SSLC

Size of land holding (in acre): 12 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Paddy	8	119.2 q	256440	112840
Field crop -2	Finger millet	2	20.4 q	56800	21000
Hort. crop -1	Arecanut	2	13.8 q	434700	314920
Hort. Crop -2	Coconut	Intercrop	9000 Nos.	135000	92000
Live stocks	Cows	3 Nos.	2880 liters	89280	47800
<b>Total</b>				<b>972220</b>	<b>588560</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
Agri. Crop 1	Paddy	8 acres	188.8 q	392160	243360	58.4	115.7
Agri. Crop 2	Finger Millet	2 acres	27 q	81400	41580	32.4	98.0
Hort. Crop 3	Arecanut	2 acres	21.4 q	791800	675300	55.1	114.4
Hort. Crop 4	Coconut	Intercrop	11250 nuts	202500	157980	25.2	71.7
Livestocks	Cows	4 Nos	3600 liters	111600	58900	25.0	23.00
<b>Total</b>				<b>1579460</b>	<b>1177120</b>		<b>100</b>

**Brief:** The farmer used to get annual income of **Rs. 588560** from paddy, finger millet, arecanut and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 1177120** In addition, there is cost saving of **Rs. 25,000** in the production of vermicompost and he reduced use of insecticides and fertilizers



Coconut+Sandal



Dairy unit



**Name of farmer:** Mr. Hirebasanagouda

**Address:** s/o Channabasappa

**Haligondanahalli, Challakere Tq.**

**Chitradurga Dist.**

**Karnataka**

**Age: 33, Education: SSLC**

**Size of land holding (in acre): 11 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	Groundnut	9 acres	32 q	214200	60200
Field crop-2	Paddy	1 acre	14.9 q	32055	14155
Hort. crop -1	Arecanut	1 acre	6.8 q	214200	99600
Livestock -1	Cow	1 Nos.	720 liters	22320	12300
<b>Total</b>				<b>482775</b>	<b>186255</b>

### 2) Status in 2020

Components	Crops	Area	Yield	Gross returns	Net Returns	% increase over base year	
						production	income
Field crop-1	Groundnut	9 acres	47 q	298200	122200	46.9	103.0
Field crop-2	Paddy	1 acre	23.4 q	48630	30030	57.0	112.2
Hort. crop -1	Arecanut	1 acre	8.9 q	329300	212800	30.9	113.7
Livestock -1	Cow	1 Nos.	900 liters	27900	15600	25.00	26.89
<b>Total</b>				<b>704030</b>	<b>380630</b>		<b>104.4</b>

**Brief:** The farmer used to get annual income of **Rs. 186255** from groundnut, paddy and arecanut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of Rs. 380630 In addition, there is cost saving of Rs. 16000 in the production of vermicompost and he reduced use of insecticides and fertilizers



**Arecanut**



**Livestock-cows**



Name of farmer: Mr. H C Hanumantharaya

Address: s/o Channabasappa

Haligondanahalli, Challakere Tq,

Chitradurga Dist.

Karnataka

Age: 50, Education: 7 th

Size of land holding (in acre): 11 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	Groundnut	4 acres	14.4	92640	31040
Field crop-2	Paddy	2 acres	27.6	59820	26020
Hort. crop -1	Banana	2 acres	9.2 t	239200	104200
Hort. crop -2	Coconut	3 acres	6500	97500	54500
Live stocks -1	Cows	4 Nos.	2680 liters	83080	40700
<b>Total</b>				<b>577240</b>	<b>256460</b>

### 2) Status in 2020

Components	Crops	Area	Yield	Gross returns	Net Returns	% increase over base year	
						production	income
Field crop-1	Groundnut	4 acre	19.6 q	127680	61600	36.1	98.5
Field crop-2	Paddy	2 acres	45.2 q	94140	58440	63.8	124.6
Hort. crop -1	Banana	2 acres	13 t	367900	224100	41.3	115.1
Hort. Crop 2	Coconut	3 acres	8000	144000	99480	23.1	82.5
Livestock -1	Cow	6	4500 liters	139200	87200	67.9	114.25
<b>Total</b>				<b>872920</b>	<b>530820</b>		<b>106.98</b>

**Brief:** The farmer used to get annual income of **Rs. 256460** from groundnut, paddy, arecanut and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 530820** In addition, there is cost saving of Rs. 20000 in the production of vermicompost and he reduced use of insecticides and fertilizers



Sapota



Dairy unit



**Name of farmer:** Smt. Bhramaramba  
**Address:** w/o Jayanna  
 Channammanagathihalli Challakere Tq.,  
 Chitradurga Dist.  
 Karnataka  
**Age:** 63, **Education:** 8th  
**Size of land holding (in acre):** 3 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.)
Hort. crop -1	Arecanut	3	17.4	548100	415875
Hort. crop -2	Coconut	Intercrop	9000	62000	82000
Live stocks -1	Cow	1 Nos.	810 liters	25110	15090
<b>Total</b>				<b>635210</b>	<b>512965</b>

### 2) Status in 2020

Components	Crops	Area	Yield	Gross returns Rs.	Net Returns	% increase over base year	
						production	income
Hort. crop -1	Arecanut	3	25.5	969000	852500	46.6	105.0
Hort. crop -2	Coconut	Intercrop	12000	65000	151000	33.3	84.1
Live stock -1	Cow	1 Nos.	1120 liters	34720	22420	38.27	48.57
<b>Total</b>				<b>1068720</b>	<b>1025920</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. **512965** from arecanut and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 1025920** In addition, there is cost saving of **Rs. 15,000** in the production of vermicompost and he reduced use of insecticides and fertilizers



**Arecanut**



**Arecanut + Betel**



**Name of farmer** : Smt. Kamakshamma  
**Address** : W/o Nagaraj, Channammanagathihalli ,Challakere Taluk  
 : Karnataka  
**Age** : 45  
**Education** : 8th  
**Size of land holding** : 3 acres  
 (in acre)

tion

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	Paddy	1 acre	13.8 q	29910	12990
Hort. crop -1	Arecanut	1 acre	6.8 q	214200	141950
Hort. crop -2	Coconut	Intercrop	3000 Nos.	19500	28500
Hort. crop -3	Tamarind	Intercrop	20 q	100000	65200
Live stock -1	Buffalo	1 Nos.	770 liters	23870	15050
<b>Total</b>				<b>387480</b>	<b>263690</b>

## 2) Status in 2020

Components	Crops	Area	Yield	Gross returns	Net Returns	% increase over base year	
						production	income
Field crop-1	Paddy	1 acre	22.2 q	46290	28430	60.9	118.9
Hort. crop -1	Arecanut	1 acre	10.6 q	392200	334520	55.9	135.7
Hort. crop -2	Coconut	Intercrop	4000	21200	58800	33.3	106.3
Hort. crop -3	Tamarind	Intercrop	25 q	126000	86300	25.00	32.36
Live stocks-1	Buffalo	1 Nos.	980liters	30380	19330	27.27	28.44
<b>Total</b>				<b>616070</b>	<b>527380</b>	<b>100</b>	

**Brief:** The farmer used to get annual income of **Rs. 263690** from paddy, arecanut, coconut and tamarind *etc.* She faced problems like nutrient and pest problems *etc.* With doubling farmer's income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 527380**.



Livestock-cows



Arecanut + Coconut



**Name of farmer:** Mr. Linganna

**Address:** s/o Karibasanna  
Channammanagathihalli Challakere Tq.  
Chitradurga Dist.

**Karnataka**

**Age:** 48, **Education:** SSLC

**Size of land holding (in acre):** 2.5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Groundnut	2	6.2	40720	5720
Hort. crop -1	Arecanut	0.5	3.4	107100	77650
Live stocks -1	Buffalo	1 Nos.	690 liters	21390	13370
<b>Total</b>				<b>169210</b>	<b>96740</b>

### 2) Status in 2020

Components	Crops	Area	Yield	Gross returns Rs.	Net Returns	% increase over base year	
						production	income
Field crop-1	Groundnut	2	7.8	50680	11680	55.0	104.2
Hort. crop -1	Arecanut	0.5	5.3	196100	167260	55.9	115.4
Live stocks -1	Buffalo	1 Nos.	860 liters	26660	16100	24.64	20.41
<b>Total</b>				<b>273440</b>	<b>195040</b>	<b>101.6</b>	

**Brief:** The farmer used to get annual income of **Rs. 96740** from groundnut, arecanut and Buffalow *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 195040**.



Livestock-cows



Vermicompost unit



**Name of farmer:** Mr. Thippeswami

**Address:** s/o Rudramuniyappa Channammanagathihalli

**Challakere Tq., Chitradurga Dist.**

**Karnataka**

**Age: 25, Education: SSLC**

**Size of land holding (in acre): 9.5 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	Groundnut	4 acres	12	79200	12000
Hort. crop -1	Arecanut + Beetlvine	4 acres	24.8	806200	562525
Hort. crop -2	Coconut	1.5 acres	3600	24500	33100
Live stock -1	Cows	4 Nos.	2650	82150	35470
<b>Total</b>				<b>992050</b>	<b>643039</b>

### 2).Status in 2020

Components	Crops	Area	Yield	Gross returns Rs.	Net Returns	% increase over base year	
						production	income
Field crop-1	Groundnut	4	16.8	111440	37440	40.0	212.0
Hort. crop -1	Arecanut	4	35.6	1342200	1122200	43.5	99.5
	+ Beetl vine						
Hort. crop -2	Coconut	1.5 acres	4850	26800	59600	34.72	80.06
Live stocks-1	Cows	4 Nos.	3750	116250	66950	41.5	88.75
<b>Total</b>				<b>1596690</b>	<b>1286190</b>		<b>100</b>

**Brief:** The farmer used to get annual income of **Rs. 643039** from groundnut, arecanut, beetle vine and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 1286190**. In addition, there is cost saving of **Rs. 15,000** in the production of vermicompost and he reduced use of



**Arecanut + Beetlvine**



**Groundnut**



**Name of farmer: Mr. C M. Sreenivas**

**Address: s/o Manghanumappa**

Channammanagathihalli

Challakere Tq. Chitradurga dist.

**Karnataka**

**Age: 45, Education: PUC**

**Size of land holding (in acre): 5 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	Groundnut	3	10.5	64650	15150
Hort. crop -1	Arecanut	0.5	2.9	91350	57450
Hort. crop -2	Coconut	1.5 acres	3900	62400	41900
Live stocks -1	Cow	1 Nos.	1010	31310	15710
Live stocks -2	Buffalo	1 Nos.	790	24490	16470
<b>Total</b>				<b>274200</b>	<b>146680</b>

### 2) Status in 2020

Components	Crops	Area	Yield	Gross returns (Rs.)	Net Returns (Rs.)	% increase over base year	
						production	income
Field crop-1	Groundnut	3 acres	14.7	91350	28350	40.0	87.1
Hort. crop -1	Arecanut	0.5 acres	4.2	165900	124900	44.8	117.4
Hort. crop -2	Coconut	1.5 acres	5400	108000	93100	38.46	122.19
Live stocks - 1	Cow	1 Nos.	1120	34720	22420	10.89	42.71
Live stocks - 2	Buffalo	1 Nos.	940	29140	24590	18.98	49.30
<b>Total</b>				<b>429110</b>	<b>293360</b>		<b>100</b>

**Brief:** The farmer used to get annual income of **Rs. 146680** from groundnut, finger millet *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 293360** In addition, there is cost saving of **Rs. 10,000** in the production of vermicompost and he reduced use of insecticides and fertilizers.



**Fodder crop**



**Arecanut crop**



**Name of farmer:** Mrs. Shwetha

**Address:** w/o Prabhu Haligondanahalli,  
Challakere Tq. Chitradurga Dist.

**Karnataka**

**Age:** 30, **Education:** PUC

**Size of land holding (in acre):** 13.5 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	Groundnut	10 acres	32 q	209200	48000
Field crop-2	Paddy	1 acre	13.5 q	29325	12525
Hort. crop -1	Arecanut	1 acre	6.3 q	198450	83850
Hort. crop -2	Coconut	1.5 acres	3250 Nos.	18000	34000
Live stock-1	Cow	1 Nos.	765 liters	23715	13695
<b>Total</b>				<b>478690</b>	<b>192070</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Groundnut	10 acre	43 q	284400	102400	34.4	113.3
Field crop-2	Paddy	1 acre	21.3 q	44535	27035	57.8	115.8
Hort. crop -1	Arecanut	1 acre	8.7 q	321900	205400	38.1	145.0
Hort. crop -2	Coconut	1.5 acres	4000 Nos.	19200	52800	23.1	55.3
Livestock-1	Cow	1 Nos.	980 liters	30380	18080	28.10	32.01
<b>Total</b>				<b>700415</b>	<b>405715</b>		<b>111.23</b>

**Brief:** The farm women used to get annual income of **Rs. 192070** from groundnut, paddy, arecanut and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like new varieties, integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 405715** In addition, there is cost saving of **Rs. 10000** in the production of vermicompost and he reduced use of insecticides and fertilizers



**Dairy unit**



**Paddy**



**Name of farmer: Shri Rajanna**

**Address: S/o Ranganayaka**

**Nandihally, Hiriyur Tq.**

**Chitradurga Dist.**

**Karnataka**

**Age: 60 years**

**Education: -**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3 acre	18 q.	576000	346110
Hort. Crop 2	Coconut	3 acre	21000 nuts	252000	152000
Livestock 1	Buffalo	1 No.	480 litres	11040	5040
<b>Total</b>				<b>839040</b>	<b>503150</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	Arecanut	3 acre	30 q.	1170000	770000	66.67	122.5
Hort. Crop 2	Coconut	3 acre	24500 nuts	367500	217500	16.67	43.09
Livestock 1	Buffalo	2 No. s	960 litres	28800	18800	100	273.02
<b>Total</b>				<b>1566300</b>	<b>1006300</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 503150 from arecanut, coconut and a buffalo. He faced problems like reduced yield due to frequent pest and disease problems. With doubling farmer's income interventions like integrated nutrient management and integrated pest and disease management, he is getting annual income of Rs. 1006300.



**Arecanut plantation**



**Coconut**

## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga



**Name of farmer:** Mr. N.R. Pujappa  
**Address:** S/o Hosamane Rangappa  
Nandihally, Hiriyur Tq., Chitradurga Dist.  
**Karnataka**  
**Age:** 55 years  
**Education:** S.S.L.C.  
**Size of land holding (in acre):** 11.5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (O/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1.5 acre	9 q.	306000	154920
Livestock 1	Cow	1 No.	360 litres	8280	2280
<b>Total</b>				<b>3,14,280</b>	<b>157200</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	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	1.5 acre	14 q.	546000	296000	55.56	91.1
Field Crop 1	Maize	10 acre	50 q.	110000	10000	>100	>100
Livestock 1	Cow	1 No.	480 litres	14400	8400	33.33	268.4
<b>Total</b>				<b>670400</b>	<b>314400</b>		<b>100.0</b>

**Brief:** The farmer used to get annual income of Rs. 157200 from arecanut and cow. He faced problems like reduced yield due to frequent pest and disease problems. With doubling farmer's income interventions like Maize cultivation in unutilized land, integrated nutrient management and integrated pest and disease management, he is getting annual income of Rs. 314400.



**Arecanut plantation**



**Cow**



**Name of farmer: Jayaraj**

**Address: S/o C.G. Kariyappa Hariyabbe, Hiriyur Taluk**

**Karnataka**

**Age: 59 years**

**Education: B.Sc.**

**Size of land holding (in acre): 25 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	8 acre	8 t.	18000	75000
Hort. Crop 2	Groundnut	15 acre	30 q.	10000	20000
Hort. Crop 3	Tamarind	2 acre	3.25 t.	75000	45000
Livestock 1	Cow	1 No.	1920 litres	48000	23000
<b>Total</b>				<b>40300</b>	<b>163000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Hort. Crop 1	Mango	8 acre	10 t.	300000	200000	25.00	166.67
Hort. Crop 2	Groundnut	15 acre	36 q.	120000	30000	20.00	50.00
Hort. Crop 3	Tamarind	2 acre	3.65 t.	85000	53000	12.31	17.78
Livestock 1	Cow	1 No.	2400 litres	72000	47000	25.00	104.35
<b>Total</b>				<b>577000</b>	<b>330000</b>		<b>102.45</b>

**Brief:** The farmer used to get annual income of Rs. 163000 from mango, groundnut, tamarind and a cow. He faced problems like reduced yield. With doubling farmer's income interventions like integrated nutrient management, integrated pest and disease management and fodder management, he is getting annual income of Rs. 330000.



**Mango**



**Tamarind**



**Name of farmer: Mr. Lakshmikanth**

**Address: S/o Vasanth Kumar Katanayakanahally, Hiriyur Taluk**

**Karnataka**

**Age: 30 years**

**Education: I.T.I.**

**Size of land holding (in acre): 3.5 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Onion	1 acre	12.5 t.	210000	10000
Hort. Crop 2	Arecanut	1 acre	10 q.	261000	159500
Livestock 1	Sheep	33 No.s	-	100000	30000
<b>Total</b>				<b>571000</b>	<b>199500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Onion	2.5 acre	15 t.	300000	100000	20.00	900.00
Hort. Crop 2	Arecanut	1 acre	12 q.	384000	264000	20.00	65.50
Livestock 1	Sheep rearing	50 No.s	-	120000	35000	51.52	16.67
<b>Total</b>				<b>804000</b>	<b>3,99,000</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 199500 from onion, arecanut and sheep rearing. He faced problems like reduced yield and income. With doubling farmer's income interventions like integrated nutrient management, integrated pest and disease management and forage management he is getting annual income of Rs. 399000. In addition, he is saving Rs. 15,000 towards sheep manure.



**Banana**



**Sheep rearing**



**Name of farmer:** Shri Ravi Kumar

**Address:** Jayasuvarnapura, Hosadurga Taluk

**Karnataka**

**Age:** 46

**Education:** B.A.

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2 acre	14 q. of dry Coconut	196000	132500
Hort. Crop 2	Pomegranate	1 acre	1 t.	30000	10000
<b>Total</b>				<b>2,26,000</b>	<b>142500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Hort. Crop 1	Coconut	2 acre	20 q. of dry Coconut	330000	260000	42.9	96.2
Hort. Crop 1	Pomegranate	1 acre	1.5 t.	75000	25000	50.00	150.00
<b>Total</b>				<b>4,05,000</b>	<b>2,85,000</b>	<b>100</b>	

**Brief:** The farmer used to get annual income of Rs. 142500 from coconut and pomegranate. He faced problems like reduced yield and income. With doubling farmer's income interventions like integrated nutrient management and integrated pest and disease management he is getting annual income of Rs. 2,85,000.



**Coconut**



**Pomegranate**



**Name of farmer: Mr. Kanumesh**

**Address: S/o Ninganna H.K. Katanayakanahally, Hiriyur Taluk**

**Karnataka**

**Age: 28 years**

**Education: P.U.C.**

**Size of land holding (in acre): 2.5 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1.5 acre	7 t.	91000	38050
Hort. Crop 2	Ridgegourd	0.25 acre	0.75 t.	50000	20000
Livestock 1	Poultry	18 No.s	-	3600	1100
Livestock 2	Cow	1 No.	720 litres	15840	5840
<b>Total</b>				<b>1,60,440</b>	<b>64990</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income	Net Income	production	income
Hort. Crop 1	Banana	1.5 acre	9 t.	135000	75000	28.57	97.1
Hort. Crop 2	Ridgegourd	0.25 acre	1.5 t.	35000	26000	100.00	30.00
Field crop 1	Finger millet	0.5 acre	6 q.	13800	3800	>100	>100
Livestock 1	Poultry	40 No.s	-	10000	5500	122.21	400.00
Livestock 2	Cow	1 No.	960 litres	31680	19680	33.33	236.99
<b>Total</b>				<b>2,25,480</b>	<b>1,29,980</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 64990 from banana, ridge gourd, poultry and cow. He faced problems like reduced yield due to pests and disease incidence and income. With doubling farmer's income interventions like front line demonstration on integrated nutrient management in banana, integrated nutrient management, integrated pest and disease management and forage management he is getting annual income of Rs. 1,29,980.



**Arka banana special application**



**Cows**



**Name of farmer:** Mr. Nagaraj M.

**Address:** S/o Mulubagila Bhovi Adivala, Hiriyur Taluk  
Karnataka

**Age:** 55 years

**Education:** S.S.L.C.

**Size of land holding (in acre):** 4 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2 acre	8 q.	280000	130000
Hort. Crop 2	Banana	2 acre	10 t.	160000	110000
Livestock 1	Cow	1 No.	360 litres	8280	1280
<b>Total</b>				<b>4,48,280</b>	<b>2,41,280</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	2 acre	9 q.	350000	270000	12.50	107.69
Hort. Crop 2	Banana	2 acre	12 t.	360000	300000	20.00	172.73
Hort. Crop 3	Coconut	30 plants (Border)	1500 nuts	15000	5000	>100	>100
Livestock 1	Cow	1 No.	480 litres	13440	1440	33.33	12.50
<b>Total</b>				<b>738440</b>	<b>576440</b>		<b>138.91</b>

**Brief:** The farmer used to get annual income of Rs. 2,41,280 from arecanut, banana and cow. He faced problems like reduced yield and income. With doubling farmer's income interventions like integrated nutrient management, integrated pest and disease management and jeevamrutha application he is getting annual income of Rs. 5,76,440.



**Banana**



**Arecanut**



**Name of farmer: Mr. Ravindra H.R.**

**Address: S/o H. Ramakrishnegowda Huvinahole,  
Hiriyur Taluk  
Karnataka**

**Age: 52 years**

**Education: B.A.**

### 1) Before Intervention

**Size of land holding (in acre): 15 acres**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/N)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Bengalgram	7.5 acres	42 q.	170000	130000
Field Crop 2	Groundnut	4 acres	22 q.	70000	40000
Hort. Crop 3	Arecanut	1 acre	6 q.	30000	25000
Others	Sericulture	0.25 acres	-	21000	16000
Livestock 1	Buffalo	1 No.	480 litres	11040	3840
<b>Total</b>				<b>3,02,040</b>	<b>2,14,840</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Bengalgram	7.5 acres	46 q.	192000	154000	9.52	18.46
Field Crop 2	Sunflower	5 acres	14 q.	74000	56000	>100	>100
Hort. Crop 1	Cucumber	0.75 acres	4 t.	52000	19000	>100	>100
Hort. Crop 2	Arecanut	1 acre	9 q.	297000	287000	50.00	1048.00
Hort. Crop 3	Vegetables	0.75 acres	2 t.	37000	30000	>100	>100
Livestock 1	Buffalo	1 No.	720 litres	16560	9360	50.00	143.75
<b>Total</b>				<b>6,68,560</b>	<b>5,55,360</b>		<b>158.50</b>

**Brief:** The farmer used to get annual income of Rs. 214840 from arecanut, banana and cow. He faced problems like reduced yield and income. With doubling farmer's income interventions like soil test based fertilizer application, integrated pest and disease management and jeevamrutha application and bio agents (*Trichoderma*) use, he is getting annual income of Rs. 555360



**Demonstration of nipping technique in Bengalgram**



**Demonstration of use of pheromone traps in Bengalgram**



**Name of farmer: Mr. S.D. Jayaramappa**

**Address: S/o V. Dasegowda**

Sakkara, Hiriyur Taluk

**Karnataka**

**Age: 68 years**

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

**Size of land holding (in acre): 15 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	6 acres	12000 nuts	180000	130000
Hort. Crop 2	Pomegranate	3 acre	10 t.	500000	238700
Field Crop 1	Sunflower	6 acres	11 q.	45000	20000
Livestock 1	Cow	2 No.s	720 litres	16560	2960
<b>Total</b>				<b>741560</b>	<b>391660</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	Coconut	6 acres	20000 nuts	300000	250000	66.67	92.31
Hort. Crop 2	Pomegranate	3 acre	14 t.	800000	500000	40.00	109.5
Field Crop 1	Sunflower	6 acres	13 q.	50000	25000	18.18	25.00
Livestock 1	Cow	2 No.s	960 litres	25920	8320	33.33	181.08
<b>Total</b>				<b>11,75,920</b>	<b>7,83,320</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 391660 from coconut, pomegranate, sunflower and cow. He faced problems like reduced yield, income and moisture stress. With doubling farmer's income interventions like integrated nutrient management, integrated pest and disease management, mulching and jeevamrutha application, he is getting annual income of Rs. 783320.



**Coconut plantation**



**Pomegranate**



**Name of farmer:** Mr. Chandraiah B.T.

**Address:** S/o Tippaiah  
Reddihally, Challakere Taluk

**Karnataka**

**Age:** 65 years

**Education:** B.Sc.

**Size of land holding (in acre):** 10 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period (2017-18))			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Sweet lemon	3.5 acres	14 t.	175000	52200
Hort. Crop 2	Coconut	70 plants (Border)	5250 nuts	52500	48500
Field Crop 1	Finger millet	2 acres	13 q.	27300	17300
<b>Total</b>				<b>254800</b>	<b>118000</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	Sweet lemon	3.5 acres	18 t.	270000	100000	28.57	91.6
Hort. Crop 2	Coconut	70 plants (Border)	7700 nuts	115500	110500	46.67	127.84
Field Crop 1	Finger millet	2 acres	15 q.	37500	25500	15.38	47.40
<b>Total</b>				<b>4,23,000</b>	<b>2,36,000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of **Rs. 118000** from sweet lemon, coconut and finger millet. He faced problems like reduced yield and income. With doubling farmers income interventions like integrated nutrient management and integrated pest and disease management, he is getting annual income of **Rs. 236000**.



**Coconut**



**Sweet lemon**



**Name of farmer:** Shri Sudananda V.

**Address:** S/o Veeranna

Nandihally, Hiriyur Taluk

**Karnataka**

**Age:** 50 years

**Education:** B.A.

**Size of land holding (in acre):** 9 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	5 acres	2 q. (dried	30000	10000
Hort. Crop 2	Arecanut	2 acres	2 q.	66000	16000
Field Crop 1	Jowar	1 acre	3 q.	36000	16000
Field Crop 2	Bajra	1 acre	1 q.	15000	5000
Livestock 1	Cow	1 No.	600 litres	13800	3800
<b>Total</b>				<b>1,60,800</b>	<b>50,800</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	5 acres	18 q. (dried coconut)	270000	70000	800.00	600.00
Hort. Crop 2	Arecanut	2 acres	6 q.	228000	28000	200.00	75.00
Hort. Crop 3	Onion	2 acres	5.4 t.	90000	10000	>100	>100
Livestock 1	Buffalo	1 No.	960 litres	38400	8400	>100	>100
<b>Total</b>				<b>6,26,400</b>	<b>1,16,400</b>		<b>129.13</b>

**Brief:** The farmer used to get annual income of Rs. 50,800 from coconut, arecanut, jowar, bajra. He faced problems like reduced yield and income. With doubling farmer's income interventions like integrated nutrient management and integrated pest and disease management, onion cultivation and dairy management he is getting annual income of Rs. 1,16,400.



**Arecanut plantation**



**Coconut plantation**



**Name of farmer:** Shri Rangaswamy H.

**Address:** S/o Hanumanthappa H. Devarakotta, Hiriyur Taluk

**Karnataka**

**Age:** 45 years

**Education:** S.S.L.C.

**Size of land holding (in acre):** 1 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.25 acre	1 t.	19000	14000
Hort. Crop 2	Coconut	30 plants (Border)	2100 nuts	75000	40000
Others	Sericulture	0.75 acre (5	-	21000	11000
<b>Total</b>				<b>1,15,000</b>	<b>65,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	production	income
Hort. Crop 1	Vegetables	0.25 acre	1.5 t.	22000	18000	50.00	28.57
Hort. Crop 2	Coconut	30 plants (Border)	4500 nuts	150000	90000	114.29	125.00
Others	Sericulture	0.75 acre (5 crop/year)	-	67500	52500	114.29	377.27
<b>Total</b>				<b>2,39,500</b>	<b>1,60,500</b>		<b>146.92</b>

**Brief:** The farmer used to get annual income of Rs. 65,000 from vegetables, coconut and sericulture. He faced problems like reduced yield. With doubling farmer's income interventions like balanced nutrient management and integrated pest and disease management measures in crops, he is getting annual income of Rs. 1,60,500.



**Coconut palms (Border)**



**Mulberry crop**



**Name of farmer:** Shri. Shamanth B. Kumar

**Address:** S/o N. Basavaraj

**Bagganadu, Hiriyyur Taluk**

**Karnataka**

**Age:** 30 years

**Education:** S.S.L.C.

**Size of land holding (in acre):** 7.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3 acres	8 q.	224000	170960
Hort. Crop 2	Coconut	3 acres	6750 nuts	54000	44000
Livestock 1	Buffalo	2 No.s	1680 litres	47040	39840
<b>Total</b>				<b>325040</b>	<b>254800</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	Net Income	production	income
Field Crop 1	Maize	1.5 acres	38 q.	45600	37600	>100	>100
Hort. Crop 1	Arecanut	3 acres	12 q.	360000	310000	50.00	81.3
Hort. Crop 2	Coconut	3 acres	9000 nuts	126000	96000	33.33	118.18
Livestock 1	Buffalo	2 No.s	2160 litres	75600	66000	28.57	65.66
<b>Total</b>				<b>6,07,200</b>	<b>5,09,600</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 254800 from arecanut, coconut and buffaloes. He faced problems like reduced yield due to pests and disease problems. With doubling farmer's income interventions like balanced nutrient management, integrated pest and disease management measures in crops and fodder management, he is getting annual income of Rs. 509600.



**Arecanut**



**Maize**



**Name of farmer:** Shri A.R. Sadashivappa

**Address:** S/o J.S.D. Ramappa Jayasuvarnapura, Hosadurga Taluk

**Karnataka**

**Age:** 66 years

**Education:** S.S.L.C.

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	6 acres	Not yielding		
Hort. Crop 2	Coconut	1 acre	4000 nuts	40000	15000
Hort. Crop 3	Vegetables	intercrop in mango	2.5 q.	30000	28000
Livestock 1	Cow	1 No.	720 litres	21600	5600
<b>Total</b>				<b>91,600</b>	<b>48,600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Mango	6 acres	80 t.	160000	34000	>100	>100
Hort. Crop 1	Coconut	1 acre	5000 nuts	50000	20000	25.00	33.33
Hort. Crop 2	Vegetables	intercrop in mango	3 t.	35000	33000	20.00	17.86
Livestock 1	Cow	1 No.	960 litres	30720	13120	33.33	134.29
<b>Total</b>				<b>2,75,720</b>	<b>1,00,120</b>		<b>106.01</b>

**Brief:** The farmer used to get annual income of Rs. **48600** from coconut, vegetables and a cow. He faced problems like reduced yield due to pests and disease incidence and poor fodder management. With doubling farmer's income interventions like organic farming, bio agents (*Trichoderma* and *Pseudomonas*) application and effective fodder management, he is getting annual income of Rs. **100120**.



**Coconut**



**Mango plantation**



**Name of farmer:** Shri Nataraj

**Address:** S/o c. Kariyanna Khandenahally Palya, Hiriyur Taluk

**Karnataka**

**Age:** 46 years

**Education:** B.A.

**Size of land holding (in acre):** 14.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	5 acres	30 t.	900000	774000
Hort. Crop 2	Arecanut	4.5 acres	19 q.	513000	463000
Hort. Crop 3	Coconut	70 plants (Border)	14000 nuts	98000	83000
Hort. Crop 4	Vegetables	1 acre	1 t.	40000	15000
Hort. Crop 5	Tamarind	25 (Border)	25 q.	30000	25000
Others	Sericulture	4 acres	-	700000	400000
Livestock 1	Cows	8 No.s	15360 litres	384000	334000
Livestock 2	Poultry	40 No.s		10000	4000
<b>Total</b>				<b>2675000</b>	<b>2098000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	5 acres	40 t.	1520000	1470000	33.33	89.9
Hort. Crop 2	Arecanut	4.5 acres	27 q.	810000	740000	42.11	59.83
Hort. Crop 3	Coconut	70 plants	24500 nuts	367500	357500	75.00	330.72
Hort. Crop 4	Vegetables	1 acre	2 t.	70000	40000	100.00	166.67
Hort. Crop 5	Tamarind	25 (Border)	37.5 q.	100000	95000	50.00	280.00
Others	Sericulture	4 acres	-	1000000	850000	-	112.50
Livestock 1	Cows	10 No.s	24000 litres	672000	632000	56.3	89.22
Livestock 2	Poultry	50 No.s		17500	11500	25.00	187.50
<b>Total</b>				<b>4557000</b>	<b>4196000</b>		<b>100.00</b>

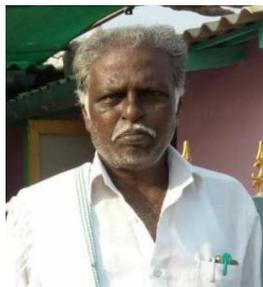
Brief: The farmer used to get annual income of Rs. 20,98,000 from horticultural crops, sericulture and livestock. He faced problems like reduced yield due to pests and disease incidence. With doubling farmer's income interventions like nutrient management (soil and foliar), integrated pest and disease management, bio agents (*Trichoderma* and *Pseudomonas*) application, he is getting annual income of Rs. 4196000.



**Banana plantation**



**Mulberry crop**



**Name of farmer:** Shri Ramanna P. S.

**Address:** S/o Siddegowda K. Chillahally, Hiriyur Taluk

**Karnataka**

**Age:** 57 years

**Education:** S.S.L.C.

**Size of land holding (in acre):** 3.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1 acre	15 q.	40000	25000
Hort. Crop 2	Pomegranate	2 acres	9 t.	500000	398400
Hort. Crop 2	Bhendi	0.5 acre	15 q.	24000	19000
Hort. Crop 2	Bottlegourd	Intercrop	30 q.	20000	15000
Livestock 1	Cow	3 No.s	7200 litres	165600	125600
<b>Total</b>				<b>7,49,600</b>	<b>5,83,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Arecanut	1 acre	30 q.	120000	110000	100.00	340.00
Hort. Crop 1	Pomegranate	2 acres	12 t.	800000	750000	33.33	88.3
Hort. Crop 2	Redgram	0.5 acre	1.5 q.	40000	35000	>100	>100
Livestock 1	Cow	4 No.s	11520 litres	311040	271040	60.00	115.80
<b>Total</b>				<b>12,71,04</b>	<b>11,66,040</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 583000 from arecanut, pomegranate, vegetables and dairy unit. He faced problems like reduced yield due to pests and disease incidence and poor fodder management. With doubling farmer's income interventions like integrated nutrient management, front line demonstrations, training, application of bio digestor, jeevamrutha and bio agents (*Trichoderma* and *Pseudomonas*), he is getting annual income of Rs. 1166040.



**Arecanut with intercrop**



**Redgram**



**Name of farmer:** Shri Tippeswamy G.C.

**Address:** S/o Gowdara Chittappa, Balenahally, Hiriyyur Taluk  
Karnataka

**Age:** 52 years

**Education:** S.S.L.C.

**Size of land holding (in acre):** 28.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	3 acre	10500 nuts	136500	126500
Field Crop 1	Maize	18 acres	20 q.	30000	10000
Field Crop 2	Finger millet	1 acre	14 q.	50000	25000
Field Crop 3	Popcorn	1 acre	10 q.	30000	25000
Livestock 1	Cow	3 No.s	8640 litres	190080	150080
<b>Total</b>				<b>4,36,580</b>	<b>3,36,580</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	Net Income	production	income
Hort. Crop 1	Coconut	3 acre	15000 nuts	225000	205000	42.86	62.06
Hort. Crop 2	Vegetables	0.25 acre	2 t.	35000	34000	>100	>100
Field Crop 1	Maize	25 acres	180 q.	252000	152000	800.00	1420.00
Field Crop 2	Redgram	Intercrop	6 q.	25000	20000	>100	>100
Livestock 1	Sheep rearing	10 No.s	-	100000	90000	>100	>100
Livestock 2	Cow	3 No.s	11920 litres	253440	213440	38.00	42.22
<b>Total</b>				<b>8,90,440</b>	<b>7,14,440</b>		<b>112.26</b>

**Brief:** The farmer used to get annual income of **Rs. 3,36,580** from coconut, cereal crops and dairy. He faced problems like reduced yield due to pests and disease incidence and poor fodder management. With doubling farmer's income interventions like crop management and effective fodder management, he is getting annual income of **Rs. 7,14,440**.



**Coconut plantation**



**Maize crop**



**Name of farmer: Shri Siddharama Sharma**

**Address: S/o V.S. Mallikarjuna Sharma Talaku, Challakere Taluk**

**Karnataka**

**Age: 68 years**

**Education: B.A.**

**Size of land holding (in acre): 4 acres 3 guntas**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2 No.s	400 nuts	7200	6200
Hort. Crop 2	Custard apple	25 No.s	2 q.	9000	8000
Hort. Crop 3	Jamun	3 No.s	1 q.	17000	16000
Hort. Crop 4	Tamarind	2 No.s	0.75 q.	8000	7000
Hort. Crop 5	Guava	6 No.s	2.5 q.	7500	6500
Hort. Crop 6	Papaya	8 No.s	3.2 q.	12800	11800
Hort. Crop 7	Sapota	10 No.s	4 q.	12000	11000
Hort. Crop 8	Drumstick	10 No.s	4.5 q.	9000	8000
Hort. Crop 9	Ber	1 No.	30 kg.	1000	500
Livestock 1	Cow	10 No.s	18000 litres	630000	475000
<b>Total</b>				<b>7,13,500</b>	<b>5,50,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	2 acres	2 q.	66000	65000	>100	>100
Hort. Crop 2	Banana	2 acres	6 t.	192000	190000	>100	>100
Hort. Crop 3	Coconut	2 No.s	600 nuts	13200	12200	50.00	96.77
Hort. Crop 4	Custard apple	25 No.s	3 q.	20000	19000	25.00	137.50
Hort. Crop 5	Jamun	3 No.s	1 q.	20000	19000	17.65	18.75
Hort. Crop 6	Tamarind	2 No.s	1 q.	15000	14000	33.33	100.00
Hort. Crop 7	Guava	6 No.s	3 q.	9000	8000	20.00	23.08
Hort. Crop 8	Papaya	8 No.s	4 q.	28000	27000	25.00	128.81
Hort. Crop 9	Sapota	10 No.s	6 q.	42000	41000	50.00	272.73
Hort. Crop 10	Drumstick	10 No.s	5 q.	25000	24000	11.11	200.00
Hort. Crop 11	Ber	1 No.	50 kg.	1200	700	66.67	40.00
Livestock 1	Cow	10 No.s	21000 litres	840000	690000	16.67	43.75
<b>Total</b>				<b>12,71,400</b>	<b>11,09,900</b>		<b>101.80</b>

**Brief:** The farmer used to get annual income of **Rs. 5,50,000** from horticultural crops and dairy unit. He faced problems like pests and disease incidence. With doubling farmers income interventions like zero cultivation, biodigestor, jeevamrutha, bioagents (*Trichoderma* and *Pseudomonas*) application, he is getting annual income of **Rs. 11,09,900**.



**Different horticultural crops**



**Dairy**



**Name of farmer: Smt. Sumathi P.**

**Address: W/o R. Shanmugam V.V Pura, Hiriyur Taluk**

**Karnataka**

**Age: 50**

**Education: S.S.L.C.**

**Size of land holding (in acre): 20 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.)
Hort. crop 1	Coconut	8 acre	24000 nuts	288000	258000
Hort. crop 2	Arecanut	2 acres	2 q.	62000	22000
Hort. crop 3	Banana	Intercrop	4 t.	68000	28000
Field Crop 1	Finger millet	3 acres	6 q.	70000	63500
Field Crop 2	Little millet	1 acre	5 q.	125000	116000
Field Crop 3	Browntop millet	1 acre	6 q.	150000	142000
Field Crop 4	Foxtail millet	1 acre	8 q.	200000	192000
Field Crop 5	Horsegram	1 acre	3 q.	75000	65000
Livestock 1	Goat	18 No.s	-	110000	103000
Livestock 2	Sheep	15 No.s	-	80000	73000
Livestock 3	Cow	2 No.s	15 kg ghee	660000	650000
<b>Total</b>				<b>18,88,000</b>	<b>17,12,500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crop 1	Coconut	8 acre	34000 nuts	544000	516000	41.67	100.00
Hort. crop 2	Arecanut	2 acres	3 q.	117000	53000	50.00	140.91
Hort. crop 3	Banana	Intercrop	5 t.	110000	60000	25.00	114.29
Field Crop 1	Finger millet	3 acres	8 q.	240000	230000	33.33	262.20
Field Crop 2	Little millet	1 acre	7 q.	280000	270000	40.00	132.76
Field Crop 3	Browntop millet	1 acre	7 q.	280000	270000	16.67	90.14
Field Crop 4	Foxtail millet	1 acre	10 q.	400000	390000	25.00	103.13
Field Crop 5	Horsegram	1 acre	8 q.	224000	212000	<b>166.67</b>	226.15
Livestock 1	Goat	20 No.s	-	200000	193000	-	87.38
Livestock 2	Sheep	20 No.s	-	160000	153000	-	109.59
Livestock 3	Cow	2 No.s	18 kg ghee	1188000	1178000	80.00	81.23
<b>Total</b>				<b>37,43,000</b>	<b>35,25,000</b>		<b>105.84</b>

**Brief:** The farmer used to get annual income of **Rs. 17,12,500** from agricultural and horticultural crops and livestock. She faced problems like pests and disease incidence in crops and reduced income. With doubling farmers income interventions like integrated nutrient management, integrated pest and disease management, trainings on value addition, she is getting annual income of **Rs. 35,25,000**.



**Banana**



**Stall of value added products at exhibition**



**Name of farmer: K.P. Bhutayya S/o Kuntapalayya**

**Address: Kaluvehalli, Chellakere Tq.**

**Karnataka**

**Age: 74**

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

**Size of land holding (in acre): 8.5Acres**

### 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	Ragi	1 Acre	9.5	19000	3000
Field Crop 2	Groundnut	1 Acre	6	27000	14500
Field Crop 3	Maize	2 Acre	43	86000	46000
Hort. Crop 1	Apple Ber	2 Acre	50	200000	129000
Hort. Crop 2	Lime	2 Acre	2 year old	-	-
<b>Total</b>				<b>332000</b>	<b>192500</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	Ragi	1Acre	10.5	26250	7750	10.5	158.3
Field Crop 2	Groundnut	1Acre	7.5	41250	26250	25	81.0
Field Crop 3	Maize	2Acre	50	130000	86000	16.3	87.0
Hort. Crop 1	Apple Ber	2Acre	60	330000	265000	20	105.4
<b>Total</b>				<b>527500</b>	<b>385000</b>		<b>100.0</b>

**Brief:** The farmer used to get annual income of **Rs 192500** From Ragi , groundnut, apple ber etc. He faced problems low yield etc. With doubling farmers income interventions integrated crop management in apple ber,, demo of ML-365 ragi, integrated crop management in groundnut etc., he is getting annual income of **Rs. 385000**



**Apple Ber**



**Lime**



**Name of farmer:** Mr. Chinmayananda

**Address:** s/o Chidanandappa, Adivala, J. G. Halli hobli, Hiriyur taluk  
Karnataka

**Age:** 52 years, **Education:** M. A.

**Size of land holding (in acre):** 5.23 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	5.28	1100	13200	5700
Hort. Crop 2	Arecanut	Intercrop	4.5	14400	82000
Livestock 1	Cows	7	750	19500	8500
<b>Total</b>				<b>17670</b>	<b>96200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/	Production	Gross Income	Net Income	production	income
Hort. Crop 1	Coconut	5.28	6300	100800	30800	472.73	440.35
Hort. Crop 2	Arecanut	Intercrop	10	380000	290000	122.22	253.66
Livestock 1	Cows	8	930	26970	13470	8.50	58.47
<b>Total</b>				<b>507770</b>	<b>334270</b>		<b>247.47</b>

**Brief:** The farmer used to get net annual income of **Rs. 96200** from coconut, arecanut and cows. He faced problems of severe scarcity of water due to continuous drought condition, coconut mite and wilt disease in coconut, mites and nut dropping in arecanut, imbalanced nutrition in cows. With doubling farmers income interventions like water management by mulching and application of Jeevamrutha to coconut and arecanut crops, ICM and IPDM practices to manage nutrient and pest problems and introduction of fodder variety to increase the milk yield, he is getting net annual income of **Rs. 334270**



**Jeevamrutha preparation**



**Arecanut**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: G. Hanumantappa S/o Gurumurthy

Address: Hoovinahole, Hiriyyur Tq.

Karnataka

Age: 54

Education: 7<sup>th</sup>

Size of land holding (in acre): 10 Acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Incom	Net Income (Rs.)
Field Crop 1	Maize	2 Acre	40q	80000	40000
Field Crop 2	Groundnut	3 Acre	15.9q	71550	34050
Hort. Crop 1	Arecanut	2 Acre	30.0q	960000	865075
Hort. Crop 2	Coconut	2Acre	13200 No	132000	94500
Hort. Crop 3	Chrysanthemum	1 Acre	45q	337500	187500
<b>Total</b>				<b>1581050</b>	<b>1221125</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	2	47q	12220	7820	17.5	95.5
Field Crop 2	Groundnut	3	20.1q	11055	6555	26.4	92.5
Hort. Crop 1	Arecanut	2	40.0q	160000	15350	33.3	77.4
Hort. Crop 2	Coconut	2Acr	14400 No.	21600	1710	9.1	81.0
Hort. Crop 3	Chrysanthemu	1	55q	68750	5225	22.2	178.7
Live stocks	Sheeps	20	20 No	16000	7000	>100	>100
<b>Total</b>				<b>2896250</b>	<b>2442250</b>		<b>100.0</b>

**Brief:** The farmer used to get annual income of **Rs 1221125** from ground nut, Maize, Chyrasnethum, Coconut, etc. He faced problems low yield groundnut, arecanut, groundnut and coconut etc. With doubling farmers income interventions like integrated crop management in groundnut, integrated crop management in chrynthemnum, integrated crop management in coconut and arecanut etc., he is getting annual income of **Rs 2442250**



**Chrysanthemum**



**Sheep farming**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: G. Roopa w/o K. Nagaraj

Address: Doddavullarthy, Chellakere Tq.

Karnataka

Age: 45

Education: SSLC

Size of land holding (in acre): 14 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Nu	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	17q	68000	43000
Hort. Crop 1	Pomegranate	5Acre	165q	1050000	743450
Hort. Crop 2	Mango	4Acre	54q	151200	111200
Hort. Crop 3	Papaya	3Acre	285q	228000	105000
<b>Total</b>				<b>1497200</b>	<b>1002650</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 Acre	20q	110000	80000	17.6	86.0
Hort. Crop 1	Pomegranate	5Acre	225q	1800000	1475000	36.4	98.4
Hort. Crop 2	Mango	4Acre	64q	236800	192800	18.5	73.4
Hort. Crop 3	Papaya	3Acre	345q	345000	219000	21.1	108.6
Live Stocks	HF Cows	2 No.	1700 Liter	47600	38500	>100	>100
<b>Total</b>				<b>2539400</b>	<b>2005300</b>		<b>100.0</b>

**Brief:** The farmer used to get annual income of **Rs .1002650** From ground nut, pomegranate , mango and papaya, etc. He faced problems low yield groundnut, pomegranate and in mango etc. With doubling farmers income interventions like ICM in groundnut, IPDM in pomegranate, INM in mango and papaya etc., he is getting annual income of **Rs 2005300**



**Pomegranate**



**Dairy**



**Name of farmer: Mr. Rudramuniyappa**

**Address: s/o Veeranna, Haligondanahalli, Challakere Tq.  
Karnataka**

**Age: 61**

**Education: BA**

**Size of land holding (in acre): 5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (acre)/Number	Production (q/l/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 .0 acre	30.4 q	65280	32880
Field Crop 2	Groundnut	2 .0 acre	7.6 q	49560	13960
Hort. Crop 1	Arecanut	1.0 acre	12.6 q	396900	281100
Livestock 1	Cows	3 No,s	1440 litres	37440	21200
<b>Total</b>				<b>549180</b>	<b>349140</b>

### 3) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (acre)/Number	Production (q/l/No.)	Gross Income	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2 acre	53.6 q	110520	78120	76.3	137.6
Field Crop 2	Groundnut	2 acre	11.4 q	73120	33480	50.0	139.8
Hort. Crop 1	Arecanut	1.0 acre	19.2 q	710400	599040	52.4	113.1
Livestock 1	Cows	5 No,s	1860 litres	55800	30120	29.2	42.1
<b>Total</b>				<b>949840</b>	<b>740760</b>		<b>112.3</b>

**Brief:** The farmer used to get annual income of **Rs. 349140** from paddy, groundnut and arecanut *etc.* He faced problems like imbalanced nutrition and pest problems *etc.* With doubling farmers income interventions like integrated nutrient , pest and disease management, bio fertilizers, liquid organic manures, new varieties and mulching *etc.*, he is getting annual income of **Rs. 740760** In addition, there is cost saving of Rs. 15,000 in the production of vermicompost and he reduced use of insecticides and fertilizers



**Arecanut plantation**



**Fodder block**



**Name of farmer:** Mr. Dayandamurthi  
**Address:** s/o Ambalappa  
 Devaramarigunte Challakere Tq. Chitradurga Dist.  
 Karnataka  
**Age:** 48  
**Education:** BA, LLB  
**Size of land holding (in acre):** 7 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Groundnut	5 acre	19.5 q	126700	37700
Field crop-1	Maize	1 acre	12.5 q	24875	8675
Hort. Crop-1	Arecanut	1 acre	6.5 q	204750	146850
Livestock 1	Cows	1 No,s	720 liters	19200	11075
<b>Total</b>				<b>375525</b>	<b>204300</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Groundnut	5 acre	26.5 q	171200	72100	35.9	91.2
Field crop-1	Maize	1 acre	18.4 q	37224	17374	47.2	100.3
Hort. Crop-1	Arecanut	1 acre	10.2 q	377400	321720	56.9	119.1
Livestock 1	Cows	1 No,s	940 liters	28200	14800	30.6	33.63
<b>Total</b>				<b>614024</b>	<b>425994</b>		<b>108.51</b>

**Brief:** The farmer used to get annual income of **Rs. 204300** from groundnut, maize and arecanut etc. He faced problems like imbalanced nutrition, monocropping and pest problems *etc.* With doubling farmers income interventions like integrated nutrient , use of liquid organic manures, pest and disease management and biofertilizers etc., he is getting annual income of **Rs. 4,25,994** In addition, there is cost saving of **Rs. 35,000** in the production of vermicompost and bio digester



**Arecanut plantation**



**Vermicompost unit**



**Name of farmer:** Mr. Eranna  
**Address:** s/o Muthajja Haligondanahalli  
 Challakere Tq. Chitradurga Dist.  
 Karnataka  
**Age:** 75  
**Education:** 5th  
**Size of land holding (in acre):** 4 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Finger millet	2 acre	19.6 q	54800	19200
Field crop-1	Groundnut	2 acre	7.8 q	50680	15080
<b>Total</b>				<b>105480</b>	<b>34280</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Finger	2 acre	26.4 q	79720	40080	34.7	108.8
Field crop-1	Groundnut	2 acre	10.6 q	68480	28840	35.9	91.2
Livestock-1	Sheep	7 no,s	7 no,s	74200	46500	>100	>100
<b>Total</b>				<b>222400</b>	<b>115420</b>		<b>236.7</b>

**Brief:** The farmer used to get annual income of **Rs. 34,280** from groundnut, finger millet *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 1,15,420** In addition, there is cost saving of Rs. 15,000 in the production of vermicompost and he reduced use of insecticides and fertilizers



**Arecanut plantation**



**Vermicompost unit**



**Name of farmer: Mr. Palanna**

**Address: s/o Thimanna**

**Haligondanahalli**

**Challakere Tq. Chitradurga Dist.**

**Mobile Number-**

**Age: 61 Education: 5th**

**Size of land holding (in acre): 5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Paddy	2 acre	29.6 q	63720	28720
Field crop-1	Groundnut	2 acre	7.2 q	47320	11720
Hort. Crop -1	Arecanut	1 acre	6.8 q	214200	157300
<b>Total</b>				<b>325240</b>	<b>197740</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre) /No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Paddy	2 acre	49.6 q	102720	64920	67.6	126.0
Field crop-1	Groundnut	2 acre	9.8 q	63840	24200	36.1	106.5
Hort. Crop-1	Arecanut	1 acre	10.6 q	392200	334520	55.9	112.7
<b>Total</b>				<b>558760</b>	<b>423640</b>		<b>114.24</b>

**Brief:** The farmer used to get annual income of **Rs. 1,97,740** from groundnut, paddy and arecanut. He faced problems like soil nutritional disorder and pest problems etc. With doubling farmers income interventions like integrated nutrient and pest and disease management etc., he is getting annual income of **Rs. 4,23,640**.



Arecanut plantation



Sheep rearing



**Name of farmer: Mr. Palaiah**

**Address: s/o Thimanna**

**Haligondanahalli**

**Challakere Tq. Chitradurga Dist.**

**Karnataka**

**Age: 59**

**Education: 5th**

**Size of land holding (in acre): 5.5 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	Finger millet	2 acre	7.6 q	49560	13960
Field crop-2	Groundnut	2 acre	19 q	53300	17700
Hort. Crop -1	Banana	1 acre	4.2 t	113400	45800
Hort. Crop -2	Chrysanthemum	0.5 acre	0.8 t	57300	33000
<b>Total</b>				<b>273560</b>	<b>110460</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Finger millet	2 acre	10.4 q	67320	27680	36.8	98.3
Field crop-2	Groundnut	2 acre	25.8q	78040	38400	35.8	116.9
Hort. Crop-3	Banana	1.0 acre	6.3 t	180180	107680	50.0	135.1
Hort. Crop -2	Chrysanthem	0.5 acre	1.1 t	88000	61200	37.5	85.45
<b>Total</b>				<b>413540</b>	<b>234960</b>		<b>112.7</b>

**Brief:** The farmer used to get annual income of **Rs. 1,10,460** from groundnut, finger and banana *etc.* He faced problems like imbalanced nutrition and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management, use of liquid organic manures and bio fertilizers , new varieties *etc.*, he is getting annual income of **Rs. 2,34,960**.



**Arecanut plantation**



**Bio-digester unit**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Mr. Harish.K.S****Address: s/o Shreekantappa Oblapura****Molakalmuru Tq. Chitradurga Dist.****Karnataka****Age: 35****Education: PUC****Size of land holding (in acre): 6 acre****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Maize	2 acre	26.6 q	54412	22012
Field crop-2	Redgram	2 acre	6.3 q	42880	15880
Hort. Crop -1	Onion	1 acre	32 q	49200	24700
Hort. Crop -2	Chilli	1 acre	2.1 q	27300	11700
Livestocks-1	Cows	4 cows	2976 liters	89280	47800
<b>Total</b>				<b>273560</b>	<b>110460</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Maize	2 acre	47.8 q	92996	56136	79.7	155.0
Field crop-2	Redgram	2 acre	10.6 q	71020	44020	68.3	177.2
Hort. Crop -1	Onion	1 acre	72q	93600	62400	125.00	152.6
Hort. Crop -2	Chilli	1 acre	3.7 q	48100	29460	76.2	151.8
Livestocks-1	Cows	4	3720 liters	111600	58900	25.0	23.2
<b>Total</b>				<b>417316</b>	<b>250916</b>	<b>127.15</b>	

**Brief:** The farmer used to get annual income of **Rs. 1,22,092** from groundnut, finger millet *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmers income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of **Rs. 2,50,916**. In addition, there is cost saving of Rs. 15,000 in the production of vermicompost and he reduced use of insecticides and fertilizers

**Tomato crop****Enriched compost preparation**



**Name of farmer:** Mr. Pandurangappa

**Address:** S/o Puttappa,  
Maysandra Hiriyur Tq. Chitradurga Dist.

**Karnataka**

**Age:** 45

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

**Size of land holding (in acre):** 4.5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Cotton	2 acre	12.8 q	108000	71600
Field crop-2	Groundnut	1 acre	4.6 q	23920	7920
Hort. Crop-1	Onion	1 acre	58q	69600	40100
Hort. Crop -2	Chrysanthemum	0.5 acre	8q	56000	31000
<b>Total</b>				<b>257520</b>	<b>150620</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop-1	Cotton	2 acre	23.6 q	177000	140600	84.38	96.37
Field crop -2	Groundnut	1 acre	7.8 q	47420	28820	69.57	263.89
Hort. Crop -1	Onion	1 acre	88 q	119700	84090	51.7	109.7
Hort. Crop -2	Chrysanthemum	0.5acre	11 q	79200	53200	37.5	71.6
Livestocks	Sheeps	6 No.s	6 No,s	66000	36000	>100	>100
<b>Total</b>				<b>489320</b>	<b>342710</b>		<b>127.53</b>

**Brief:** The farmer used to get annual income of Rs. 150620 from groundnut, finger millet etc. He faced problems like nutrient and pest problems etc. With doubling farmer's income interventions like integrated nutrient and pest and disease management etc., he is getting annual income of Rs. 342710.



Groundnut



Onion

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Mr. J.C. Anand**Address:** s/o Channabasappa Gundlur

Molakalmuru Tq.

Chitradurga Dist.

**Karnataka****Age:** 32**Education:** S.S.L.C.**Size of land holding (in acre):** 5.5 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	Maize	2 acre	28.4 q	57688	25288
Field crop -2	Redgram	1 acre	7 q	46900	19900
Hort. crop -1	Arecanut	2 acre	9.68 q	304920	192320
Hort. Crop -2	Jasmine	0.5 acre	6.15q	67650	48200
Livestocks	Cows	2 No,s	1716 liters	44640	26800
<b>Total</b>				<b>521798</b>	<b>312508</b>

**2) Status in 2020**

Sl. No.		Crops	Area (acre/Numbers)	Yield (q/l/No's)	Gross returns Rs.	Net Returns	% increase over base year	
							production	income
1	Field crop-1	Maize	2 acre	47.6 q	92632	52932	67.6	109.3
2	Field crop -2	Redgram	1 acre	10.8 q	75040	43840	54.3	120.3
3	Hort. crop -1	Arecanut	2 acre	15.6 q	546000	437000	61.2	127.2
4	Hort. Crop -2	Jasmine	0.5	9.45 q	141750	122300	53.7	153.7
5	Livestocks	Cows	2 No,s	1860 liters	55800	29800	8.39	11.2
		<b>Total</b>			<b>911222</b>	<b>685872</b>		<b>119.5</b>

**Brief:** The farmer used to get annual income of Rs. 3,12,508 from groundnut, finger millet *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmer's income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of Rs. 6,85,872. In addition, there is cost saving of Rs. 15,000 in the production of vermicompost and he reduced use of insecticides and fertilizers.



Jasmine



Maize



**Name of farmer:** Mr. Manohar

**Address:** s/o Thippeswami  
Rangenahalli, Hiriyur Tq.  
Chitradurga Dist.

**Karnataka**

**Age:** 38

**Education:** ITI

**Size of land holding (in acre):** 8 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	Finger millet	2 acre	9.4 q	55520	23720
Field crop-2	Groundnut	2 acre	17.2 q	50720	28320
Field crop -3	Maize	2 acre	37.2 q	59800	30800
Hort. Crop -1	Coconut	2 acre	6400 No.s	96000	64000
Livestock-1	Cows	5 No,s	9600 liters	249600	109200
<b>Total</b>				<b>511640</b>	<b>256040</b>

**2) Status in 2020**

Sl. No	Components	Crops	Area (acre/N umbers)	Yield (q/l/No's)	Gross returns Rs.	Net Returns	% increase over base year	
							production	income
1	Field crop-1	Finger millet	2 acre	12.8 q	71840	39440	36.2	66.3
2	Field crop-2	Groundnut	2 acre	24.6 q	69960	48000	43.02	69.5
3	Field crop -3	Maize	2 acre	45.2 q	78040	47640	21.51	54.7
4	Hort. Crop -1	Coconut	2 acre	8000 No.s	144000	107000	25.00	67.2
5	Livestock-1	Cows	8 No,s	14400 liters	432000	270000	50.0	147.3
	<b>Total</b>				<b>795840</b>	<b>512080</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 256040 from groundnut, finger millet, maize and coconut *etc.* He faced problems like nutrient and pest problems *etc.* With doubling farmer's income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of Rs. 5,12,080 In addition, there is cost saving of Rs. 15,000 in the production of vermicompost and he reduced use of insecticides and fertilizers.



Fodder



Finger millet



**Name of farmer:** Mr. Nagaraj

**Address:** S/o Chikkanna  
Haligondanahalli, Challakere  
Tq. Chitradurga Dist.

**Karnataka**

**Age:** 34

**Education:** P.U.C.

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Productio n	Gross Income (Rs.)	Net Income (Rs.)
Field crop-1	Groundnut	3 acre	12.6 q	73480	26880
Field crop-2	Finger	2 acre	22.6 q	61500	45700
Field crop -3	Maize	1 acre	22.8 q	39980	23680
<b>Total</b>				<b>174960</b>	<b>96260</b>

### 2) Status in 2020

Sl. No.	Names	Crops	Area (acre/N umbers)	Yield (q/l/No's)	Gross returns Rs.	Net Returns	% increase over base year	
							production	income
1	Field crop-1	Groundnut	3 acre	17.7 q	103500	49200	40.5	83.64
2	Field crop-2	Finger millet	2 acre	30.8 q	95320	61320	36.3	34.2
3	Field crop-3	Maize	1 acre	31.0 q	55800	37600	36.0	58.8
4	Livestock-1	Cows	8 No.s	32200liters	901600	433600	>100	>100
<b>Total</b>					<b>1156220</b>	<b>581720</b>		<b>504.32</b>

**Brief:** The farmer used to get annual income of Rs. 96,260 from groundnut and finger *etc.* He faced problems like imbalanced nutrition and pest problems *etc.* With doubling farmer's income interventions like integrated nutrient and pest and disease management *etc.*, he is getting annual income of Rs. 5,81,720 In addition, there is cost saving of Rs.15000 in the production of organic manures.



Groundnut plot



Biodigester unit



**Name of farmer:** Mr. Giriappa, T.  
**Address:** s/o Thimmappa, Malali, Hosadurga taluk  
**Karnataka**  
**Age:** 70  
**Education:** S.S.L.C.  
**Size of land holding (in acre):** 20 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.)
Hort. Crop 1	Coconut	10 acres	20000 Nos.	240000	90000
Hort. Crop 2	Chilli	Intercrop	1.5 q	19500	16500
Hort. Crop 3	Onion	3 acres	120 q	180000	60000
Hort. Crop 4	Vegetables	Intercrop	1q	16000	13500
Hort. Crop 5	Nursery	Intercrop	200 Nos.	40000	30000
Field Crop 1	Ragi	3 acres	18.6 q	50220	30720
Field Crop 2	Groundnut	1 acre	3.25 q	13975	975
Field Crop 3	Bengalgram	3 acres	19.5 q	81900	63900
Livestock 1	Cows	6 Nos.	3200 liters	89600	57600
<b>Total</b>				<b>731195</b>	<b>363195</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	Coconut	10 acres	28000 Nos.	420000	250000	40	177.78
Hort. Crop 2	Chilli	Intercrop	2.25 q	33750	29750	50	80.30
Hort. Crop 3	Onion	3 acres	160 q	304000	175000	33.33	191.67
Hort. Crop 4	Vegetables	Intercrop	12.5q	25000	21000	25	55.56
Hort. Crop 5	Nursery	Intercrop	350 Nos.	87500	71500	75	138.33
Field Crop 1	Ragi	3 acres	25.5 q	73950	52350	37.10	70.41
Field Crop 2	Groundnut	1 acre	4 q	17600	1600	23.08	64.10
Field Crop 3	Bengalgram	3 acres	24.6 q	113160	93660	26.15	46.57
Live stock 1	Cows	6 Nos.	3750 liters	108750	72750	17.19	26.30
<b>Total</b>				<b>1183710</b>	<b>767610</b>		<b>111.35</b>

**Brief:** The farmer used to get net annual income of Rs. 363195 from coconut, onion, chilli, vegetables, nursery, groundnut, Ragi, Bengalgram and Cows. He faced problems of coconut mite and imbalanced nutrition, purple blotch and nutrient problems in onion, pest and diseases and imbalanced nutrition in vegetables, groundnut, bengalgram and ragi, deficiency of micronutrients in cows. With doubling farmer's income interventions like integrated crop management in coconut, onion, chilli, vegetables, nursery, Groundnut, Ragi and Bengalgram. Introduction of improved fodder variety and micronutrient application to cows has increased the milk yield. He is getting annual income of Rs. 767610.



Dairy unit



Coconut & arecanut intercrop



**Name of farmer:** Mr. Jayakumar, S.  
**Address:** s/o Shivalingappa, Marabagatta, Hosadurga taluk  
**Karnataka**  
**Age:** 40  
**Education:** B. A.  
**Size of land holding (in acre):** 15 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.)
Hort. Crop 1	Coconut	6 acres	16000 Nos.	192000	102000
Hort. Crop 2	Mango	4 acres	72.5q	36250	27650
Hort. Crop 3	Tomato	4 acres	840q	302400	155774
Field Crop 1	Ragi	1 acres	7 q	18900	14000
Livestock 1	Cows	2 Nos.	450 liters	11700	7200
<b>Total</b>				<b>561250</b>	<b>306624</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	Coconut	6 acres	22000 Nos.	352000	256000	37.5	150.98
Hort. Crop 2	Mango	4 acres	106q	60420	50420	46.21	82.35
Hort. Crop 3	Tomato	4 acres	1000q	420000	274000	19.05	75.9
Field Crop 1	Ragi	1	9 q	26100	20700	28.57	47.86
Livestock 1	Cows	2	632 liters	18328	12128	40.44	68.44
<b>Total</b>				<b>876848</b>	<b>613248</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of Rs. 306624 from coconut, mango, tomato, ragi and cows. He faced problems of coconut mite, nut dropping in coconut, hopper and powdery mildew disease in mango, fruit borer and blight disease in tomato, neck blast disease in ragi. With doubling farmer's income interventions like integrated nutrient and pest management in coconut, mango, tomato and ragi increased the yield. Balanced feed management in cows improved the milk yield. He is getting net annual income of Rs. 613248.



Tomato crop with drip irrigation



Coconut dehusking



**Name of farmer: Maliyappa, C.**

**Address: s/o Pujar Chikkanna, Aralihalli, Hosadurga taluk**

**Karnataka**

**Age: 75**

**Education: S.S.L.C.**

**Size of land holding (in acre): 46 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.)
Hort. Crop 1	Coconut	10 acres	32000 Nos.	384000	188200
Hort. Crop 2	Arecanut	2 acres	6.4 q	204800	116800
Hort. Crop 3	Onion	5 acres	200 q	380000	180000
Hort. Crop 4	Chilli	Intercrop	3 q	39000	29500
Field Crop 1	Maize	20 acres	220 q	242000	42000
Field Crop 2	Ragi	4 acres	29 q	78300	59300
Field Crop 3	Bengalgram	5 acres	17.5 q	75250	40250
Livestock 1	Cows	4 Nos.	2400 liters	62400	46400
Livestock 2	Poultry	8000 Nos.	8000 Nos.	640000	400000
<b>Total</b>				<b>2105750</b>	<b>1102450</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	Coconut	10 acres	42500 Nos.	680000	520000	32.81	176.3
Hort. Crop 2	Arecanut	2 acres	8.6 q	326800	234800	34.37	101.03
Hort. Crop 3	Onion	5 acres	250 a	600000	390000	25.00	116.67
Hort. Crop 4	Chilli	Intercrop	4 a	60000	47400	33.33	60.68
Field Crop 1	Maize	20 acres	250 q	300000	60000	13.64	42.86
Field Crop 2	Ragi	4 acres	38 q	110200	88200	31.03	48.74
Field Crop 3	Bengalgram	5 acres	25 q	117500	75500	42.86	87.58
Livestock 1	Cows	4 Nos.	3000 liters	87000	69000	25.00	48.71
Livestock 2	Poultry	10000 Nos.	10000 Nos.	1000000	720000	25.00	80.00
<b>Total</b>				<b>3281500</b>	<b>2204900</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of **Rs. 1102450** from coconut, arecanut, onion, chilli, ragi, maize and bengalgram, livestock components cows and poultry. He faced problems of coconut mite and nutrition problem in coconut, spindle bug and nut splitting in arecanut, pest and diseases in chilli and onion, neck blast in ragi and pod borer in bengalgram, Imbalanced nutrition in cows and poultry birds. With doubling farmer's income interventions like pest and nutrient management in coconut and arecanut, integrated pest management measures in Chilli, onion, maize, ragi and bengalgram has helped the farmer to improve the yield. Balanced nutrition in poultry birds and improved fodder for cows has increased the yield in milk and poultry birds weight. He is getting net annual income of **Rs. 2204900**.



**Coconut & Maize crop**



**Poultry unit**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Ravindranath H.**

**Address: Hosakunduru**

**Karnataka**

**Age: 47**

**Education: B.A., B.Ed**

**Size of land holding (in acre): 11 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production	Gross Incom	Net Income (Rs.)
Field Crop 1	Maize	1.5 Acre	32.25q	64500	37500
Field Crop 2	Finger Millet	1.5 Acre	17.25q	34500	10500
Hort. Crop 1	Onion	4.5 Acre	450q	855000	705000
Livestock 1	Cow, Buffalos	5	350 liter	7500	5000
Other enterprise	Vermicomposting	2 No	150q	12000	10000
<b>Total</b>				<b>973500</b>	<b>768000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2.0Acre	37.5q	93750	63750	16.3	70
Field Crop 2	Finger Millet	1.5 Acre	22.5q	51750	24000	30.4	128.6
Hort. Crop 1	Onion	4.5 Acre	562.5q	1687500	1375000	25	95.0
Hort. Crop 2	Onion seed production	1.0Acre	3.0 q	360000	280000	>100	>100
Hort. Crop 3	Chilli	1.0Acre	6.5 q	75000	50000	>100	>100
Livestock 1	Cow-2, Buffello-3	5 No.	550 L	17600	12500	57.14	150.00
Other enterprise	Vermicomposting	3 No	500q	50000	30000	233.3	200.00
<b>Total</b>				<b>2335600</b>	<b>1835250</b>		<b>138.83</b>

**Brief:** The farmer used to get annual income of Rs. 7,68,000 From maize, finger millet, Bengal gram and onion etc. He faced problems improved varieties in onion, low yield etc. With doubling farmer's income interventions like demo of Bhima super and seed production, integrated crop management in bengalgram, ML-365 finger millet variety etc., he is getting annual income of Rs. 18,35,250 In addition, there is cost saving of Rs 30,000. in the production of vermicomposting.



Onion



Onion seed production



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Mr. Prakash S.

Address: Shidlayyanakote

Karnataka

Age: 43

Education: ITI

Size of land holding (in acre): 8.00

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production	Gross Income	Net Income (Rs.)
Field Crop 1	Maize	2 Acre	21.5q	86000	50000
Field Crop 2	Finger millet	2 Acre	11.5q	46000	14000
Hort Crop 1	Onion	2Acre	224q	190000	148000
Hort. Crop 2	Coconut	2Acre	5000 q	50000	25000
Livestock 1	Jursey	1 No,	200 liter	6000	4200
<b>Total</b>				<b>378000</b>	<b>241200</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	2Acre	25q	125000	85000	16.3	70.0
Field Crop 2	Finger millet	2Acre	15q	69000	32000	30.4	128.6
Hort. Crop 1	Onion	2Acre	300q	375000	330000	33.9	123
Hort. Crop 2	Coconut	2Acre	5600 q	84000	54000	12.0	116
Livestock 1	Jursey	2 No.	460 liter	13800	8,000	130.0	90.48
Other enterprise (Specify)	Vegetables (Kitchen garden)	1.0Acre	-	25000	15000	100	100
<b>Total</b>				<b>691800</b>	<b>524000</b>		<b>117.24</b>

**Brief:** The farmer used to get annual income of Rs. 241200 from Maize, finger millet, onion, coconut etc. He faced problems like low yield etc. With doubling farmer's income interventions like demo on ML 365 in finger millet, integrated crop management in maize and coconut, demo of Bhima Super onion variety etc., he is getting annual income of Rs. 524000.



Maize



Nutri-garden demo



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Nataraj, P.R

Address: Suguru

Karnataka

Age: 35

Education: P.U.C.

Size of land holding (in acre): 18 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production	Gross Incom	Net Income (Rs.)
Field Crop 1	Groundnut	5 Acre	32.5q	1462	83750
Field Crop 2	Fingermillet	3Acre	36.0q	72000	24000
Hort. Crop 1	Onion	5Acre	1125q	11250	913100
Hort. Crop 2	Papaya	3Acre	300q	2400	120000
<b>Total</b>				<b>15832</b>	<b>1140850</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	5Acre	42.5q	233750	158750	30.8	89.6
Field Crop 2	Finger millet	3Acre	46.5q	106950	51450	29.2	114.4
Hort. Crop 1	Onion	5Acre	1375q	2062500	1837500	22.2	98.6
Hort. Crop 2	Papaya	3Acre	360q	360000	234000	20.0	95.0
<b>Total</b>				<b>2763200</b>	<b>2281700</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs 1140850. From groundnut, finger millet, onion etc. He faced problems low yield onion, finger millet, groundnut etc. With doubling farmer's income interventions like demo of MI-365 finger millet variety, Demo of Bhima Super onion variety, integrated crop management in papaya etc., he is getting annual income of Rs. 2281700.



Papaya plot



Onion plot



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Smt. Girijamma

Address: Shidlayyanakote

Karnataka

Age: 60

Education: Nil

Size of land holding (in acre): 12 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	Ground nut	9Acre	76.5	306000	193500
Hort. Crop 1	Onion	1Acre	95	190000	148000
Hort. Crop 2	Arecanut	2 Acre	30.0	960000	806000
Livestock 1	Sheeps	70 No		45000	25000
<b>Total</b>				<b>1501000</b>	<b>1172500</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	Ground nut	9Acre	90	495000	360000	17.6	86
Hort. Crop 1	Onion	1 Acre	120	375000	330000	26.3	123
Hort. Crop 2	Acrecanut	2 Acre	42.0	1680000	1615000	40	100
Livestock 1	Sheeps	80 No		50000	40000	14.5	60
<b>Total</b>				<b>2600000</b>	<b>2345000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 11,72,500 from ground nut, arecanut, onion etc. He faced problems like low yield etc. With doubling farmer's income interventions like integrated crop management in groundnut, arecanut etc., he is getting annual income of Rs. 23,45,000.



Sheep farming



Arecanut



**Name of farmer:** Mrs. Shylaja

**Address:** W/o Thippeswamy Doddakittadahally, Hosadurga  
Tq. Dist. Chitradurga

**Karnataka**

**Age:** 40

**Education:** S.S.L.C.

**Size of land holding (in acre):** 14.5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Numb	Production	Gross Income	Net Income (Rs.)
Hort. Crop 1	Arecanut	Intercrop	16 q.	4480	278000
Hort. Crop 2	Coconut	500 palms (11	3900 No.	39000	27000
Hort. Crop 3	Betel vine	0.5 acre	250000 leaves	50000	15000
<b>Total</b>				<b>5370</b>	<b>320000</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	Finger millet	3 acre	8 q.	30000	10000	>100	>100
Hort. Crop 1	Arecanut	2.5 acre	21 q.	714000	564000	31.25	102.88
Hort. Crop 2	Coconut	500 palms (11 acres)	6000 No.	84000	69000	53.85	155.56
Livestock 1	Cow	7 No.s (30 kg (Butter)/month)	48 kg butter for 8 months	19200	12200	>100	>100
<b>Total</b>				<b>847200</b>	<b>655200</b>		<b>104.75</b>

**Brief:** The farmer used to get annual income of Rs. 320000 from arecanut, coconut and betel vine etc. She faced problems like reduced yield and moisture stress etc. With doubling farmer's income interventions like integrated farming system, integrated nutrient management, water conservation practices like mulching and crop rotation etc., she is getting annual income of Rs. 6,55,200.



**Arecanut plantation**



**Agro- forestry**



**Name of farmer:** Mr. Anil Kumar  
**Address:** S/o Srinivasmurthy Dodda  
 Rangyyanahatti, Hosadurga Tq.  
 Chitradurga Dist.  
**Karnataka**  
**Age:** 51  
**Education:** P.U.C.  
**Size of land holding (in acre):** 9 acres

### 1) Before Intervention

Component		Benchmark (Baseline period 2017-18)			
Component	Name	Area (Acre)/Number	Production	Gross Income	Net Income
Hort. Crop 1	Mango	5 acre	8 t.	1,40,000	95780
Hort. Crop 2	Cocon	100 palms (2.5 acres)	6000 No. s	60000	20000
Hort. Crop 3	Lemon	100 plants (intercrop) (1.5 acres)	5 q.	32,000	22,000
Livestock 1	Cow	5 No.s (3 cows - 2 litres/day for 8 months)	1440 litres	33120	18120
<b>Total</b>				<b>2,05,120</b>	<b>155900</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	5 acre	95q	200000	150000	18.75	56.6
Hort. Crop 2	Coconut	100 palms (2.5 acres)	8000 No.s	1,20,000	50,000	33.33	150.00
Hort. Crop 3	Lemon	100 plants (1.5 acres)	15 q.	70000	55000	200.0	150.0
Livestock 1	Cow	8 (5 cows - 2 litres/day for 8 months)	2400 litres	64800	56800	66.67	213.47
<b>Total</b>				<b>4,54,800</b>	<b>3,11,800</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 155900 from mango, coconut, lemon and cows. He faced problems like reduced yield, fodder problem and moisture stress etc. With doubling farmer's income interventions like integrated nutrient and pest and disease management, water conservation practices like mulching, fodder management in cow, he is getting annual income of Rs. 3,11,800.



Coconut plantation



Hydroponics unit

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Mr. Bhyreshappa**Address:** s/o Chandrashekarappa

G.Vaderahally, Holalkere Tq.

Chitradurga Dist.

**Karnataka****Age:** 44**Education:** S.S.L.C.**Size of land holding (in acre):** 3.5 acres**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1 acre	12 q.	19,000	10,000
Field Crop 2	Finger millet	0.5 acre	6 q.	18,000	9,000
Hort. Crop 1	Coconut	170 palms	11050 nuts	160000	110000
Hort. Crop 2	Arecanut	800 palms	5 q.	150000	100000
Hort. Crop 3	Sweet lemon	0.5 acre	4 q.	18000	8000
<b>Total</b>				<b>3,65,000</b>	<b>2,37,000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Navane	1.5 acre	4 q	15,000	11,000	100	100
Hort. Crop 1	Coconut	170 palms	16000 nuts	2,50,000	2,00,000	44.80	81.81
Hort. Crop 2	Arecanut	800 palms	8 q.	3,04,000	2,20,000	60.00	120.00
Hort. Crop 3	Banana	0.5 acre	35 q.	42000	35,000	>100	>100
Hort. Crop 4	Sweet lemon	0.5 acre	8 q.	32000	12000	100	50.00
Hort. Crop 5	Betel vine	30 vines	10000 leaves	72,000	48,000	>100	>100
Livestock 1	Dairy	4 No.s (25 litres/day)	24000 litres	25000	20,000	>100	>100
Livestock -2	Poultry (Egg)	4 (60 eggs / month)	21900 eggs	11700	5,700	>100	>100
<b>Total</b>				<b>7,26,700</b>	<b>5,51,700</b>		<b>132.79</b>

**Brief:** The farmer used to get annual income of Rs. 2,37,000 from finger millet, maize, coconut, arecanut and sweet lemon. He faced problems like pests and disease incidence and reduced yield. With doubling farmer's income interventions like integrated farming system, intercropping and integrated pest and disease management practices etc., he is getting annual income of Rs. 5,51,700. In addition, there is cost saving of Rs. 15,000 in the production of farm yard manure.



Bee keeping



Coconut and Banana plantation

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Shri T. Ninganaik**Address:** S/o Tolajanaik Halavudara

Lambanihatti Chitradurga Tq.

Chitradurga Dist.

**Karnataka****Age:** 57**Education:** P.U.C.**Size of land holding (in acre):** 6.5 acre**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	3 acre	100 q.	1,60,000	75,000
Field Crop 2	Bengalgram	3 acre ( <i>Rabi</i> )	5 q.	12,000	6,500
Hort. Crop 1	Beans	2 acre ( <i>Rabi</i> )	8 q.	25,000	17,000
Hort. Crop 2	Ridge gourd	2 acre ( <i>Rabi</i> )	12 q.	16,000	11,000
Hort. Crop 3	Tomato	0.5 acre (intercrop)	10 q.	6,000	4,000
Hort. Crop 3	Chilli	1.5 acre	10 t.	1,50,000	1,05,000
<b>Total</b>				<b>3,69,000</b>	<b>2,18,500</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Beans	2 acre ( <i>Rabi</i> )	12 q.	50,000	40,000	50.0	13.52
Hort. Crop 2	Avare	2 acre ( <i>Rabi</i> )	1.5 t.	50,000	40,000	>100	>100
Hort. Crop 3	Papaya	1 acre	20 t.	1,00,000	85,000	>100	>100
Hort. Crop 4	Drumstick	2 acre	17 t.	80,000	76,000	>100	>100
Hort. Crop 5	Chilli	1.25 acre	10 t.	2,00,000	1,80,000	20.00	71.43
Hort. Crop 6	Marigold	1000 seedlings	40 kg.	40,000	35,000	>100	>100
Livestock 1	Sheep rearing	4 No.s	-	40,000	20,000	>100	>100
Hort. Crop 7	Papaya nursery	Intercrop	6670 No.s	1,00,000	60,000	>100	>100
<b>Total</b>				<b>6,60,000</b>	<b>5,36,000</b>		<b>145.31</b>

**Brief:** The farmer used to get annual income of Rs. 2,18,500 from maize, bengalgram, beans, tomato, chilli and ridgegourd. He faced problems like reduced yield due to pest and disease problems and moisture stress etc. With doubling farmer's income interventions like integrated farming system, intercropping, integrated nutrient, pest and disease management, water conservation practices, he is getting annual income of Rs. 5,36,000. In addition, there is cost saving of Rs. 20,000 in the production of farm yard manure and application of pesticides and fertilizers.



Avare



Papaya



**Name of farmer:** Shri Prakash. S.M.  
**Address:** Prakash.S.M S/o Mahadevappa  
 Siddapura  
 Chitradurga Tq.  
 Chitradurga Dist.

**Karnataka**  
**Age:** 61  
**Education:** S.S.L.C.

**Size of land holding (in acre):** 4 acres

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2.0 acre	32 q.	54,000	32,000
Field Crop 2	Ragi	0.5 acre	4 q.	12,000	6,000
Hort. Crop 1	Avare	1.0 acre	4 q.	5000	2,000
Hort. Crop 2	Okra	0.125 acre	2 q.	13,000	10,000
Hort. Crop 3	Cluster bean	3000 No.s (0.0516 acre)	50 kg.	15,000	8,000
<b>Total</b>				<b>99,000</b>	<b>58,000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2.0 acre	40 q.	66,000	51,000	25.00	59.38
Field Crop 2	Chilli	0.25 acre	1.2 q.	4,800	3,800	>100	>100
Hort. Crop 1	Brinjal	0.25 acre	2.4 q.	9600	7,600	>100	>100
Hort. Crop 2	Cabbage	0.25 acre	8 q.	32,000	29,000	>100	>100
Hort. Crop 3	Tomato	0.25 acre	10 q.	40,000	38,000	>100	>100
Hort. Crop 4	Papaya	175 No.s	100 q.	30,000	26,000	>100	>100
<b>Total</b>				<b>1,82,400</b>	<b>1,55,400</b>		<b>167.93</b>

**Brief:** The farmer used to get annual income of Rs. 58,000 from maize, finger millet, field bean, okra and cluster bean. He faced problems like reduced yield, moisture stress. With doubling farmer's income interventions like integrated farming system, water conservation practices, compost production, integrated nutrient management and multi cropping etc., he is getting annual income of Rs. 1,55,400. In addition, there is cost saving of Rs. 20,000 due to compost production and integrated pest and disease management.



Forest trees



Compost production

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Shri Chandru E.**Address:** S/o Eranna Ennegere, Hiriyur Tq.  
Chitradurga Dist.**Karnataka****Age:** 46**Education:** P.U.C.**Size of land holding (in acre):** 4 acres**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop	Cotton	1 acre	8 q.	75000	45000
Field Crop	Chilli	1 acre (intercrop)	52 t.	200000	120000
Hort. Crop	Onion	1 acre	4.5 t.	76000	41000
Hort. Crop	Maize	1 acre	16 q.	28800	3800
Enterprise	Sheep rearing	45	-	193500	155210
Livestock 1	Cow	1 (1 litre/day for 8	240 litres	5520	2520
<b>Total</b>				<b>578820</b>	<b>367530</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	Ragi	1 acre	15 q.	36000	14000	>100	>100
Field Crop 2	Cotton	1 acre	10 q.	200000	175000	25.00	288.89
Field Crop 3	Chilli	1 acre	58 t.	230000	165000	11.54	37.50
Hort. Crop 1	Onion	1 acre	6 t.	95000	65000	33.33	58.54
Hort. Crop 2	Maize	1 acre	20 q.	50000	32000	25.00	742.11
Livestock 1	Sheep rearing	60		300000	278100	33.33	79.2
Livestock 2	Cow	1 (2 litres/day for 8 months)	480 litres	12960	5960	100.00	136.51
<b>Total</b>				<b>923960</b>	<b>735060</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 367530 from maize, cotton, chilli, onion, cow and sheep rearing. He faced problems like reduced yield, frequent pest and disease problems. With doubling farmer's income interventions like integrated nutrient, pest, disease and fodder management practices, he is getting annual income of Rs. 7,35,060.

**Goat rearing****Chilli**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Mallikarjunappa, V

Address: Shidlayyanakote

Karnataka

Age: 70

Education: P.U.C.

Size of land holding (in acre): 16.0

### 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	Groundnut	2 Acre	17q	68000	43000
Field Crop 2	Fingermillet	2Acre	16q	32000	7000
Hort. Crop 1	Onion	2.5Acre	275q	380000	296000
Hort. Crop 2	Coconut	9Acre	27000 No.	270000	157500
Other enterprise (Specify)	Vermocompost	2 No	60 q	60000	50000
<b>Total</b>				<b>810000</b>	<b>553500</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	2Acre	21q	115500	85500	23.5	98.8
Field Crop 2	Fingermillet	2Acre	18q	45000	15000	12.5	114.3
Hort. Crop 1	Onion	2.5Acre	350q	750000	660000	27.3	123.0
Hort. Crop 2	Coconut	9Acre	32400 No.	486000	351000	20.0	122.9
Other enterprise (Specify)	Vermocompost	2 No	65 q	65000	55000	8.3	10.00
<b>Total</b>				<b>1461500</b>	<b>1166500</b>		<b>110.74</b>

**Brief:** The farmer used to get annual income of Rs. 553500 from Groundnut, Finge rmillet, onion Coconut etc. He faced problems like low yield etc. With doubling farmers income interventions like Ragi-ML-365 demo, integrated crop management in coconut, Demo of Bhima super onion variety etc., he is getting annual income of Rs. 1166500. In addition, there is cost saving of Rs. 65,000 in the production of vermicomposting.



Coconut



Coconut + Banana

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Hanumanta Reddy G

Address: S/o Muddappa, Doddavullarthy, Challakere Tq.

Karnataka

Age: 67

Education: 6<sup>th</sup>

Size of land holding (in acre): 11 acres

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	17q	68000	43000
Hort. Crop 1	Pomegranate	5Acre	375q	1875000	1400000
Hort. Crop 2	Mango	4 Acre	160q	320000	200000
Livestock's	Cows (Local breeds)	3 No.	1200 l	33600	28500
<b>Total</b>				<b>2296600</b>	<b>1671500</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 Acre	20q	110000	80000	17.6	86.0
Hort. Crop 1	Pomegranate	5 Acre	450q	3150000	2825000	20.0	101.8
Hort. Crop 2	Mango	4 Acre	200q	600000	460000	25.0	130.0
Livestock's	Cows (Local breeds)	3 No.	1500L	45000	40000	25.0	40.35
<b>Total</b>				<b>3905000</b>	<b>3405000</b>		<b>103.70</b>

**Brief:** The farmer used to get annual income of Rs. 1671500 from ground nut, pomegranate and Mango, etc. He faced problems low yield groundnut, pomegranate and Mango etc. With doubling farmer's income interventions like integrated crop management in groundnut, integrated pest and disease management in pomegranate, integrated crop management in Mango etc., he is getting annual income of Rs. 3405000.



Pomegranate plot



Mango plot



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Indudhara, M.N

Address: Byadarahalli

Karnataka

Age:43

Education: S.S.L.C.

Size of land holding (in acre): 12 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	Groundnut	2 Acre	15q	60000	35000
Field Crop 2	Finger millet	1Acre	11.5q	23000	7000
Hort. Crop 1	Coconut	4 Acre	25200 No	252000	214500
Hort. Crop 2	Mango	4 Acre	80q	240000	200000
Hort. Crop 3	Jasmine	150 No	30q	300000	280000
<b>Total</b>				<b>875000</b>	<b>736500</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	2Acre	19q	104500	74500	26.7	112.9
Field Crop 2	Finger millet	1Acre	15q	34500	16000	30.4	128.6
Hort. Crop 1	Coconut	4 Acre	31500 No	472500	427500	25	99.3
Hort. Crop 2	Mango	4 Acre	100q	500000	452000	25	126
Hort. Crop 3	Jasmine	150 No	35q	550000	527500	16.7	88.4
<b>Total</b>				<b>1661500</b>	<b>1497500</b>		<b>103.32</b>

**Brief:** The farmer used to get annual income of Rs. 736500. From ground nut, coconut, mango, jasmine etc. He faced low yield in coconut, mango problems etc. With doubling farmer's income interventions like integrated crop management in coconut and Jasmine, integrated nutrient management in Mango, Demo of ML-365 etc., he is getting annual income of Rs. 1497500.



Jasmine plot



Mango plot



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Revanna  
 Address: S/o Neelagiriappa,  
 Hosakunduru, Hosadurga Karnataka  
 Age: 48  
 Education: B.A.  
 Size of land holding (in acre): 8 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	11q	49500	24500
Field Crop 2	Finger	2Acre	19q	38000	6000
Hort. Crop 1	Onion seed	1Acre	2q	300000	260000
Livestock 1	Cows (Local)	2 No	270 L	6750	5250
<b>Total</b>				<b>394250</b>	<b>295750</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	2Acre	15q	75000	45000	36.4	83.7
Field Crop 2	Finger millet	2Acre	23q	52900	15900	21.1	165.0
Hort. Crop 1	Onion seed production	1Acre	4q	600000	555000	100.0	113.5
Livestock 1	Cows (Local breed)	2 No	300 L	8400	6400	11.1	21.90
<b>Total</b>				<b>736300</b>	<b>622300</b>	<b>25.2</b>	<b>110.41</b>

**Brief:** The farmer used to get annual income of Rs. 295750. He faced problems low yield etc. With doubling farmer's income interventions like seed production in onion, integrated crop management in groundnut, finger millet etc., he is getting annual income of Rs. 622300.



Seed production plot



Finger Millet



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Sadananda. K.O**  
**Address: Bomberahalli, Challakere Tq.**  
**Karnataka**  
**Age: 43**  
**Education: P.U.C.**  
**Size of land holding (in acre): 10 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	17q	68000	43000
Field Crop 2	Fingermille	1.5 Acre	15 q	30000	6000
Hort. Crop 1	Onion	2.5 Acre	250q	380000	296000
Hort. Crop 2	Arecanut	2.5 Acre	21.3q	637500	501187
Livestock's	Cows (Local)	2 No.	525 liter	13650	11000
Other enterprise	Vermi comp	1 No.	20q	20000	15000
<b>Total</b>				<b>1149150</b>	<b>872187</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.)	producti on	income
Field Crop 1	Groundnut	2 Acre	22q	121000	91000	29.4	111.6
Field Crop 2	Finger millet	1.5 Acre	18.7q	43125	15375	25.0	156.3
Hort. Crop 1	Onion	2.5 Acre	337.5 q	750000	660000	35.0	123.0
Hort. Crop 2	Arecanut	2.5 Acre	26.3q	1050000	942500	23.5	88.1
Livestock's	Cows (Local)	2 No.	600 liter	18000	15500	14.3	40.90
Other enterprise	Vermi compos	1 No.	25q	25000	20000	25.0	33.3
<b>Total</b>				<b>2007125</b>	<b>1744375</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 872187 from groundnut, finger millet, onion etc. He faced problems low yield onion, finger millet, groundnut, arecanut etc. With doubling farmer's income interventions like demo of MI-365 finger millet variety, Demo of Bhima Super onion variety, integrated crop management in arecanut and groundnut etc., he is getting annual income of Rs. 1744375 In addition, there is cost saving of Rs.20000 in the production of vermicomposting.



**Onion**



**Vermicompost**



**Name of farmer: Shanmukappa S/o Hanumantappa,**  
**Address: Myadanahole, Hiriyyur Tq.**  
**Karnataka**  
**Age: 45**  
**Education: P.U.C.**  
**Size of land holding (in acre): 10 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Productio n	Gross Income	Net Income (Rs.)
Field Crop 1	Finger millet	2 Acre	19q	41800	9800
Hort. Crop 1	Onion	2 Acre	200q	240000	198000
Hort. Crop 2	Chrysanthemu	1 Acre	50q	500000	454500
Hort. Crop 3	Areca nut	4 Acre	32.8q	1049600	881600
Livestock's	Cows (Local)	5 No.	1350 L	35100	30000
Other enterprise	Vermicompost	3 No.	25q	17500	15000
<b>Total</b>				<b>1884000</b>	<b>1588900</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	Finger millet	2 Acre	22q	55000	18000	15.8	83.7
Hort. Crop 1	Onion	2 Acre	240 q	600000	555000	20.3	180.3
Hort. Crop 2	Chrysanthemu m	1 Acre	75.5q	1132500	1090000	51	139.8
Hort. Crop 3	Areca nut	4 Acre	42.0q	1680000	1508000	28.0	71.1
Livestock's	Cows (Local)	5 No.	1500 L	45000	40500	11.1	35
Other enterprise	Vermicompost	3 No.	28 q	23500	20000	12.00	33.33
<b>Total</b>				<b>3536000</b>	<b>3231500</b>		<b>103.37</b>

**Brief:** The farmer used to get annual income of Rs. 1588900 from finger millet, onion, chrysanthemum, arecanut etc. He faced problems low yield onion, finger millet, arecanut etc. With doubling farmers income interventions like demo of MI-365 finger millet variety, Demo of Bhima Super onion variety, integrated crop management in arecanut etc., he is getting annual income of Rs. 3231500. In addition, there is cost saving of Rs. 23500 in the production of vermicomposting.



Arecanut



Chrysanthemum



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Ranganaik S/o Bhimasennaik

Address: Kurubarahalli, Hiriyur Tq.

Karnataka

Age: 38

Education: P.U.C.

Size of land holding (in acre): 8 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	1 Acre	8.5q	34000	21500
Field Crop 2	Finger millet	1.5 Acre	15q	30000	6000
Hort. Crop 1	Onion	2 Acre	222q	444440	360440
Hort. Crop 2	Arecanut	2 Acre	16.0q	512000	428000
<b>Total</b>				<b>1020440</b>	<b>815940</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	1 Acre	11q	60500	45500	29.4	111.6
Field Crop 2	Finger millet	1.5 Acre	18.75q	43125	15375	25	156.3
Hort. Crop 1	Onion	2 Acre	290 q	1160000	1070000	30.6	196.9
Hort. Crop 2	Arecanut	2 Acre	20.4q	816000	730000	27.5	70.6
<b>Total</b>				<b>2079625</b>	<b>1860875</b>		<b>128.06</b>

**Brief:** The farmer used to get annual income of Rs. 815940 from finger millet, onion, arecanut etc. He faced problems low yield onion, finger millet, arecanut etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, Demo of Bhima Super onion variety, integrated crop management in arecanut and groundnut etc., he is getting annual income of Rs. 1860875.



**Onion**



**Arecanut**



Name of farmer: Tippeswamy S/o Vishwanath

Address: Gopanahalli, Challakere Tq.

Karnataka

Age: 40

Education: BA

Size of land holding (in acre):12 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	4 Acre	20q	90000	40000
Field Crop 2	Finger millet	2 Acre	20q	40000	8000
Hort. Crop 1	Onion	2.5 Acre	191q	450000	370000
Hort. Crop 2	Papaya	2 Acre	230q	160000	80000
<b>Total</b>				<b>740000</b>	<b>498000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	product ion	income
Field Crop 1	Groundnut	4 Acre	30q	165000	105000	50	162.5
Field Crop 2	Finger	2 Acre	25q	57500	20500	25	156.3
Hort. Crop 1	Onion	2.5	250q	825000	735000	30.8	98.6
Hort. Crop 2	Papaya	2 Acre	300q	240000	156000	30.4	95.0
<b>Total</b>				<b>1287500</b>	<b>1016500</b>		<b>104.11</b>

**Brief:** The farmer used to get annual income of Rs. 498000 From ground nut finger millet, onion, papaya etc. He faced problems low yield onion, finger millet, Papaya etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, Demo of Bhima Super onion variety, integrated crop management in Papaya and groundnut etc., he is getting annual income of Rs. 1016500.



**Onion**



**Groundnut**



Name of farmer: Siddappa S/o Doddasiddappa

Address: Hemadala, Hiriyur Tq.

Karnataka

Age: 65

Education: S.S.L.C.

Size of land holding (in acre):5 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	1 Acre	9q	36000	23500
Field Crop 2	Finger millet	1 Acre	10q	20000	4000
Field Crop 3	Redgram	1 Acre	4.0q	26800	13300
Hort. Crop 1	Pomegranate	1 Acre	35q	262500	207500
Hort. Crop 2	Jasmine	0.5 Acre	12q	150000	135000
<b>Total</b>				<b>495300</b>	<b>383300</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	1 Acre	11q	60500	45500	22.2	93.6
Field Crop 2	Finger millet	1 Acre	13q	29900	11400	30	185
Field Crop 3	Redgram	1 Acre	6q	40200	24600	50.0	84.9
Hort. Crop 1	Pomegranate	1 Acre	52q	560000	504000	48.6	142.8
Hort. Crop 2	Jasmine	0.5 Acre	14.5q	275000	257500	20.8	90.7
<b>Total</b>				<b>965600</b>	<b>843000</b>		<b>119.93</b>

**Brief:** The farmer used to get annual income of Rs. 383300 from ground nut finger millet, pomegranate, jasmine etc. He faced problems low yield finger millet, pomegranate etc. With doubling of farmer's income interventions like demo of ML-365 finger millet variety, integrated pest and disease management and integrated crop management in pomegranate, integrated crop management in groundnut etc., he is getting annual income of Rs. 843000.



**Groundnut**



**Pomegranate**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: V S Siddeshwarareddy

Address: S/o Seetaramreddy, Vidapanakunte, Challakere Tq.  
Karnataka

Age: 65

Education: BA

Size of land holding (in acre):12 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	15q	60000	35000
Field Crop 2	Fingermillet	1Acre	11q	22000	6000
Field Crop 3	Redgram	4 Acre	18q	99000	45000
Hort. Crop 1	Onion	3 Acre	330q	1012500	878550
<b>Total</b>				<b>1193500</b>	<b>964550</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/N.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut	2 Acre	20q	110000	80000	33.3	128.6
Field Crop 2	Fingermillet	1Acre	14q	32200	13700	27.3	128.3
Field Crop 3	Redgram	4 Acre	24q	160800	98400	33.3	118.6
Hort. Crop 1	Onion	3 Acre	465q	1872000	1737000	40.9	97.7
<b>Total</b>				<b>2175000</b>	<b>1929100</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 964550 from groundnut, finger millet, pomegranate, Redgram, Onion. He faced problems low yield finger millet, onion etc. With doubling farmers income interventions like demo of ML-365 finger millet variety, Demo of Bhima super onion variety, integrated crop management in groundnut etc., he is getting annual income of Rs. 1929100.



**Onion**



**Redgram**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Mahesh

Address: S/o Jayramachandrappa

Mallenu, Hiriyur Tq.

Karnataka

Age: 45

Education: P.U.C.

Size of land holding (in acre): 8 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	1.5 Acre	12.75q	51000	32250
Field Crop 2	Fingermillet	1 Acre	10q	20000	4000
Hort. Crop 1	Chrysanthemum	1 Acre	45.0q	500000	454500
Hort. Crop 2	Coconut	3 Acre	16800 No.	168000	143000
<b>Total</b>				<b>739000</b>	<b>633750</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	1.5 Acre	16.5q	90750	68250	29.4	111.6
Field Crop 2	Fingermillet	1 Acre	12.5q	28750	10250	25	156.3
Hort. Crop 1	Chrysanthemum	1 Acre	65.0q	1132500	1090000	44.4	139.8
Hort. Crop 2	Coconut	3 Acre	21000No.	315000	285000	25	99.3
<b>Total</b>				<b>1567000</b>	<b>1453500</b>		<b>129.34</b>

**Brief:** The farmer used to get annual income of Rs. 633750 From ground nut finger millet, coconut and chrysanthemum. He faced problems low yield finger millet, onion and chrysanthemum etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, integrated crop management in groundnut and Chrysanthemum etc., he is getting annual income of Rs. 1453500.



**Finger millet**



**Chrysanthemum**



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer Veerabhadrappa

Address: S/o S T Veeresh, Sanikere,

Challakere Tq.

Karnataka

Age: 32

Education: B.Com

Size of land holding (in acre): 10 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	Groundnut	2	14	56000	31000
Field Crop 2	Finger millet	1.5	16.5	36630	14130
Field Crop 3	Redgram	2	9	49500	22500
Hort. Crop 1	Onion	2	190	228000	144000
Hort. Crop 2	Tomato	1	92	184000	129000
Other enterprise (Specify)	Vermicompost	2 No.	22q	17500	15000
<b>Total</b>				<b>571630</b>	<b>355630</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	19	104500	74500	35.7	140.3
Field Crop 2	Finger millet	1.5	21	52500	26250	27.3	85.8
Field Crop 3	Redgram	2	12	78000	46800	33.3	108
Hort. Crop 1	Onion	2	250	500000	410000	31.6	184.7
Hort. Crop 2	Tomato	1	125	375000	315000	35.9	144.2
Other enterprise (Specify)	Vermicomposti ng	2 No.	24 q	23500	20000	9.09	33.33
<b>Total</b>				<b>1133500</b>	<b>892550</b>		<b>150.97</b>

**Brief:** The farmer used to get annual income of Rs. 365630 from ground nut finger millet, ground nut, onion, tomato. He faced problems low yield finger millet, onion and tomato etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, integrated crop management in groundnut, onion and tomato etc., he is getting annual income of Rs. 892550. In addition, there is cost saving of Rs. 20000 in the production of



Groundnut



Onion

## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: T. B. Sharanappa

Address: S/o K.B. Vajranna, Talaku, Challakere Tq.

Karnataka

Age: 60

Education: B.E

Size of land holding (in acre): 11 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	Groundnut	2 Acre	11q	44000	19000
Field Crop 2	Redgram	2Acre	7q	38500	11500
Hort. Crop 1	Onion	2Acre	170q	255000	171000
Hort. Crop 2	Tomato	4Acre	380q	950000	694150
<b>Total</b>				<b>1287500</b>	<b>895650</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	2Acre	14q	77000	47000	27.3	147.4
Field Crop 2	Redgram	2Acre	9q	58500	27300	28.6	137.39
Hort. Crop 1	Onion	2Acre	230q	437000	347000	35.3	102.9
Hort. Crop 2	Tomato	4Acre	460q	1610000	1370000	21.1	97.4
<b>Total</b>				<b>2182500</b>	<b>1791300</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 895650 from groundnut, onion, tomato etc. He faced problems low yield finger millet, onion and tomato etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, demo of Bhima Super onion and integrated crop management in tomato etc., he is getting annual income of Rs. 1791300.



Tomato



Onion



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer: Lingareddy**  
**Address: S/o Basappa, Talaku, Challakere Tq.**  
**Karnataka**  
**Age: 58**  
**Education: S.S.L.C.**  
**Size of land holding (in acre): 15 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	3 Acre	16.5q	66000	28500
Field Crop 2	Redgram	4 Acre	14q	77000	23000
Hort. Crop 1	Onion	4 Acre	340q	510000	335725
Livestock's	Cows (local breeds)	3 No	1250 L	35000	30500
<b>Total</b>				<b>688000</b>	<b>417725</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	3 Acre	19.5q	103350	58350	18.2	104.7
Field Crop 2	Redgram	4 Acre	18q	108000	45600	28.6	98.2
Hort. Crop 1	Onion	4 Acre	460q	874000	694000	35.3	106.7
Livestock's	Cows (local breeds)	3 No	1400 L	42000	37500	12.0	22.95
<b>Total</b>				<b>1127350</b>	<b>835450</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 417725 from ground nut, Redgram, onion etc. He faced problems low yield finger millet, onion etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety, demo of Bhima Super onion and integrated crop management in Redgram etc., he is getting annual income of Rs. 835450.



Onion



Groundnut



**Name of farmer:** Rangappa Reddy G  
**Address:** S/o Govindareddy ,Doddavullarthy,  
 Challakere Tq.  
**Age:** 62  
**Education:** S.S.L.C.  
**Size of land holding (in acre):** 15 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	5 Acre	37.5q	150000	87500
Field Crop 2	Maize	2.5 Acre	30.25q	60437.5	19937.5
Hort. Crop 1	Pomegranate	5 Acre	175q	1312500	1037500
Hort. Crop 2	Coconut	2 Acre	10400 No	104000	79000
<b>Total</b>				<b>1626938</b>	<b>1223938</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 Acre	47.5q	261250	186250	26.7	112.9
Field Crop 2	Maize	2.5 Acre	41.25q	84225	34600	36.4	73.5
Hort. Crop 1	Pomegranate	5 Acre	210q	2800000	2475000	20.0	138.54
Livestock's	Coconut	2 Acre	12200 No.	183000	153000	17.3	93.7
<b>Total</b>				<b>3328475</b>	<b>2848850</b>		<b>132.76</b>

**Brief:** The farmer used to get annual income of Rs. 1223938 from ground nut, pomegranate and coconut, etc. He faced problems low yield groundnut, pomegranate etc. With doubling farmer's income interventions like integrated crop management in groundnut, integrated pest and disease management in pomegranate, integrated crop management in coconut etc., he is getting annual income of Rs. 2848850.



**Pomegranate**



**Groundnut**



**Name of farmer: Mahesh S/o Shivananda**

**Address: Mallappanahalli, Hiriuyr Tq.**

**Karnataka**

**Age: 42**

**Education: BA**

**Size of land holding (in acre):8 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	11q	44000	19000
Field Crop 2	Finger millet	1.5 Acre	12.75q	28305	5805
Field Crop 3	Redgram	2Acre	9.0q	49500	22500
Hort. Crop 1	Onion	2.5Acre	237.5q	285000	180000
Livestock's	Cows	2 No.	1080 L	30240	25240
<b>Total</b>				<b>437045</b>	<b>252545</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	2Acre	13q	71500	41500	18.2	118.4
Field Crop 2	Finger millet	1.5Acre	15q	37500	11250	17.6	93.8
Field Crop 3	Redgram	2Acre	10q	65000	33800	11.1	50.2
Hort. Crop 1	Onion	2.5Acre	275q	625000	512500	15.8	184.7
Livestock's	Cows	2 No.	1250 L	37500	33500	15.74	32.72
<b>Total</b>				<b>836500</b>	<b>632550</b>		<b>150.47</b>

**Brief:** The farmer used to get annual income Rs. 252545 from groundnut, redgram, onion etc. He faced problems low yield finger millet, onion etc. With doubling farmer's income interventions like demo of ML-365 finger millet variety demo of Bhima Super onion and integrated crop management in redgram etc., he is getting annual income of 632550.



Onion



Redgram



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Vedamurthy S/o Timmanna

Address: K.R.Halli, Hiriyr Tq.

Karnataka

Age: 58

Education: B.A

Size of land holding (in acre): 18 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Fingermillet	2Acre	15q	33300	6300
Hort. Crop 1	Pomegranate	4Acre	140q	840000	606875
Hort. Crop 2	Papaya	4Acre	380q	304000	144000
Hort. Crop 3	Chilli	2.5Acre	21.25q	159375	128125
Hort. Crop 4	Watermelon	3Acre	345q	241500	106500
<b>Total</b>				<b>1578175</b>	<b>991800</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	Finger millet	2 Acre	17q	42500	13500	13.3	114.3
Hort. Crop 1	Pomegranate	4Acre	164q	1476000	1151000	17.1	89.7
Hort. Crop 2	Papaya	4Acre	460q	460000	292000	21.1	102.8
Hort. Crop 3	Chilli	2.5Acre	26.25q	315000	277500	23.5	116.6
Hort. Crop 4	Watermelon	3Acre	444q	399600	249600	28.7	134.4
<b>Total</b>				<b>2693100</b>	<b>1983600</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 991800 from Finger millet, pomegranate, chilli, watermelon papaya, etc. He faced problems low yield in finger millet, pomegranate, chilli, watermelon etc. With doubling farmer's income interventions like integrated crop management watermelon, integrated pest and disease management in pomegranate, integrated nutrient management in papaya etc., he is getting annual income of R s . 1983600.



Watermelon



Papaya



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: Shivamurthy S/o Doddalingappa

Address: Shidlayyanakote , Hiriyr Tq.

Karnataka

Age: 45

Education: 6<sup>th</sup> Std.

Size of land holding (in acre): 15 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2 Acre	43	86000	50000
Field Crop 2	Fingermillet	2 Acre	21	42000	10000
Field Crop 3	Groundnut	2 Acre	17	68000	43000
Hort. Crop 1	Onion	4 Acre	380	760000	592000
Hort. Crop 2	Arecanut	5 Acre	75.0	2400000	2077650
<b>Total</b>				<b>3356000</b>	<b>2772650</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	2 Acre	50	125000	85000	16.3	70
Field Crop 2	Finger millet	2 Acre	26	59800	22800	23.8	128.0
Field Crop 3	Groundnut	2 Acre	20	110000	80000	17.6	86.0
Hort. Crop 1	Onion	4 Acre	480	1500000	1320000	26.3	123.0
Hort. Crop 2	Arecanut	5 Acre	105.0	4200000	4037500	40	94.3
<b>Total</b>				<b>5994800</b>	<b>5545300</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 27, 72,650 from finger millet, ground nut, onion and arecanut etc. He faced problems low yield in finger millet, groundnut, onion etc. With doubling farmer's income interventions like integrated crop management on groundnut, demo of Bhima super onion variety, integrated nutrient management in arecanut etc., he is getting annual income of Rs. 55,45,300.



Groundnut



Arecanut



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer : Dayanand S/o Sheshadri, T

Address: Nagenaghalli , Hiriuyr Tq.

Karnataka

Age: 45

Education: B.A.

Size of land holding (in acre): 15 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	12q	54000	29000
Field Crop 2	Finger millet	3Acre	25.5q	56610	16110
Hort. Crop 1	Onion	4Acre	380q	456000	276000
Hort. Crop 2	Chrysanthemum	1.5Acre	67.5q	500000	454500
Hort. Crop 3	Banana	2Acre	8.4q	226800	91600
Hort. Crop 4	Coconut	2Acre	9000No.	90000	65000
<b>Total</b>				<b>1383410</b>	<b>932210</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Groundnut	2Acre	15q	82500	52500	25.0	81.0
Field Crop 2	Finger millet	3Acre	30q	75000	31500	17.6	95.5
Hort. Crop 1	Onion	4Acre	440q	792000	592000	15.8	114.5
Hort. Crop 2	Chrysanthemum	1.5Acre	97.5q	1132500	1090000	44.4	139.8
Hort. Crop 3	Banana	2Acre	11q	314600	169600	31.0	85.2
Hort. Crop 4	Coconut	2Acre	11000No	165000	135000	22.2	107.7
<b>Total</b>				<b>2561600</b>	<b>2070600</b>		<b>122.11</b>

**Brief:** The farmer used to get annual income Rs . 9,32,210 from groundnut, finger millets, onion, Banana, coconut, chrysanthemum etc. He faced problems low yield finger millet, onion, Chrysanthemum etc. With doubling farmer's income interventions like demo of MI-365 finger millet variety, demo of Bhima Super onion, integrated nutrient management in banana etc., he is getting annual income of 20,70,600.



Onion



Chrysanthemum



**Name of farmer:** MallikarjunaPatil S/o Mallappa

**Address:** : Haligondanahlli, Challakere Tq.

**Mobile Number**

**Age:** 55

**Education:** S.S.L.C.

**Size of land holding (in acre):** 14 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	3 Acre	16.5q	66000	28500
Hort. Crop 1	Onion	2 Acre	170q	255000	171000
Hort. Crop 2	Arecanut	3 Acre	24.0q	768000	590625
Hort. Crop 3	Mango	4 Acre	60q	189000	139000
<b>Total</b>				<b>1278000</b>	<b>929125</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	Groundnut	3 Acre	19.5q	107250	62250	18.2	118.4
Hort. Crop 1	Onion	2 Acre	220q	550000	460000	29.4	169
Hort. Crop 2	Arecanut	3 Acre	30.6q	1224000	1095000	27.5	85.4
Hort. Crop 3	Mango	4 Acre	70q	296000	241000	16.7	73.4
<b>Total</b>				<b>2177250</b>	<b>1858250</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 929125 from groundnut, onion, arecanut and mango etc. He faced problems low yield groundnut, mango and onion etc. With doubling farmers income interventions like integrated crop management in groundnut, demo of Bhima Super onion variety, integrated nutrient management in arecanut etc., he is getting annual income of Rs. 1858250.



Mango



Arecanut



**Name of farmer: H.T Hanumantarayappa**

**Address: S/o Thimmappa, Haligondanahlli, Challakere Tq.**

**Karnataka**

**Age: 70**

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

**Size of land holding (in acre): 16 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	5 Acre	42.5q	170000	100500
Hort. Crop 1	Onion	2 Acre	190q	380000	300000
Hort. Crop 2	Arecanut	3 Acre	48.0q	1536000	1110125
Hort. Crop 3	Betalvine	3 Acre	24000 bundles	480000	400000
Hort. Crop 4	Mango	2.5 Acre	50q	125000	87500
<b>Total</b>				<b>2691000</b>	<b>1998125</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	5Acre	50q	300000	225000	17.6	123.88
Hort. Crop 1	Onion	2Acre	240q	750000	660000	26.3	120.00
Hort. Crop 2	Arecanut	3Acre	60.0q	2400000	2302500	25	107.49
Hort. Crop 3	Betalvine	3Acre	28500 bundles	712500	645000	18.8	61.25
Hort. Crop 4	Mango	2.5 Acre	60q	210000	163750	20.0	87.1
<b>Total</b>				<b>4372500</b>	<b>3996250</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs.1998125 from ground nut mango, arecanut and betelvine etc. He faced problems low yield groundnut and arecanut etc. With doubling farmer's income interventions like integrated crop management in groundnut integrated nutrient management in mango and arecanut etc., he is getting annual income of Rs. 3996250.



**Mango**



**Arecanut+Betelvine**



**Name of farmer:** Mr. Srinivas

**Address:** s/o Ramappa, H. R., Honnekere Gollarahatti, Hosadurga taluk  
Karnataka

**Age:** 41

**Education:** B. A.

**Size of land holding (in acre):** 6.25 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.)
Hort. Crop 1	Coconut	1.25	4600 Nos.	55200	39200
Hort. Crop 2	Onion	4	184 q	349600	189600
Hort. Crop 3	Chilli	Intercrop	2.75 q	34375	30775
<b>Total</b>				<b>439175</b>	<b>259575</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	Coconut	1.25	6150 Nos.	98400	81400	33.69565	107.65
Hort. Crop 2	Arecanut	1	7.5 q	307500	241500	100	100.00
Hort. Crop 3	Onion	4	240 q	576000	408000	30.43	115.19
Hort. Crop 4	Chilli	Intercrop	4 q	60800	56600	45.45	83.92
<b>Total</b>				<b>1042700</b>	<b>787500</b>		<b>203.38</b>

**Brief:** The farmer used to get net annual income of Rs. 259575 from coconut, arecanut, onion and chilli. He faced problems of coconut mite and nut dropping in coconut, spindle bug and mites in arecanut, thrips and purple blotch disease in onion and thrips and mites in chilli. With doubling of farmer's income interventions like integrated crop management in coconut and arecanut, integrated pest and disease management in onion and chilli has increased the yield. He is getting net annual income of Rs. 787500.



**Arecanut plot**



**Coconut plot**



**Name of farmer: Mr. Gurushanthappa**

**Address: s/o Eswarappa, Koratikere, Hosadurga taluk,  
Karnataka**

**Age: 58**

**Education: I.T.I.**

**Size of land holding (in acre): 7.5 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.)
Hort. Crop 1	Coconut	5 acres	15500 Nos.	186000	167845
Hort. Crop 2	Onion	0.5 acre	18 q	34200	14200
Hort. Crop 3	Chilli	Intercrop	1.25 q	15625	12625
Field Crop 1	Ragi	2 acres	12 q	32400	18400
Livestock 1	Cows(loc	1 Nos.	450 liters	10800	6800
<b>Total</b>				<b>279025</b>	<b>219870</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	Coconut	5 acres	21000 Nos.	357000	340000	35.48	102.6
Hort. Crop 2	Onion	0.5 acre	25 q	60000	38000	38.89	167.61
Hort. Crop 3	Chilli	Intercrop	1.75q	26600	22500	40.00	78.22
Field Crop 1	Ragi	2 acres	15q	43500	27500	25.00	49.46
Livestock 1	Cows(local)	1 Nos.	580 liters	16240	11740	28.89	72.65
<b>Total</b>				<b>503340</b>	<b>439740</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of Rs. 219870 from coconut, onion, chilli, ragi and cows. He faced problems of coconut mite in coconut, purple blotch disease and thrips in onion, thrips and mites in chilli and neck blast disease in ragi. Doubling farmer's income interventions like integrated crop management in coconut, integrated pest and disease management in onion, chilli and ragi and balanced nutrition in local cow has increased the yield. Application of Jeevamrutha has increased the yield in coconut. He is getting net annual income of Rs. 439740.



**Arecanut +Avare intercropping**



**Coconut**



**Name of farmer:** Mr. Ujjinappa s/o Sharanappa

**Address:** Kenchapura, Ramagiri hobli, Holalkere taluk

**Karnataka**

**Age:** 39

**Education:** P.U.C.

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3 acres	12.3 q	381300	248340
Hort. Crop 2	Coconut	2 acres	6300 No.s	75600	47400
Field Crop 1	Ragi	2 acres	10.4 q	26520	15920
Live stock 1	Cows	3 Nos.	1800 liters	50400	34400
<b>Total</b>				<b>533820</b>	<b>346060</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	Arecanut	3 acres	16.8 q	655200	513600	36.58	106.83
Hort. Crop 1	Coconut	2 acres	9300 Nos.	139500	107100	47.61	125.94
Field Crop 2	Ragi	2 acres	14 q	43400	31100	34.61	95.35
Hort. Crop 3	Banana	250 plants	27.5 t	30250	22250	100	100
Live stock 1	Cows	3 Nos.	2400 liters	67200	49000	33.33	42.44
<b>Total</b>				<b>935550</b>	<b>723050</b>		<b>108.94</b>

**Brief:** The farmer used to get net annual income of Rs. 346060 from arecanut, coconut and ragi crops. He faced problems of stem borer and blast disease in ragi, nut dropping, mites, spindle bug and scales in arecanut, wilt and coconut mite in coconut. With doubling of farmer's income interventions like use of Jeevamrutha, micronutrients application, foliar application of nutrients in arecanut, coconut and ragi has increased the yield. He is getting net annual income of Rs. 723050.



**Arecanut**



**Jeevamrutha Application**



**Name of farmer:** Mr. Sridhar, R.

**Address:** s/o Rajappa, Echagatta, Thalya hobli, Holalkere taluk

**Karnataka**

**Age:** 25

**Education:** I.T.I.

**Size of land holding (in acre):** 5 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2	5.50 q	170500	125500
Hort. Crop 2	Pepper	Intercrop	7.25 q	210250	180250
Hort. Crop 3	Coconut	13 Nos.	910 Nos.	11830	10830
Hort. Crop 4	Vegetables	Intercrop	1 t	18000	16000
Hort. Crop 5	Areca Nursery	Intercrop	2500 plants	50000	38000
Field Crop 1	Maize	3	48 q	62400	26400
<b>Total</b>				<b>522980</b>	<b>396980</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	Arecanut	2	10.25 q	420250	372250	86.4	196.61
Hort. Crop 2	Pepper	Intercrop	9.00 q	351000	321000	24.13	78.08
Hort. Crop 3	Coconut	13 Nos.	1560 Nos.	24960	22960	71.42	112.00
Hort. Crop 4	Vegetables	Intercrop	1.5 t	31500	29000	50	81.25
Hort. Crop 5	Areca Nursery	Intercrop	3000 plants	60000	44000	20	15.78
Field Crop 1	Maize	3	60 q	90000	51000	25	93.00
<b>Total</b>				<b>977710</b>	<b>840210</b>		<b>111.65</b>

**Brief:** The farmer used to get net annual income of Rs. 396980 from arecanut, pepper, coconut and maize. He faced problems of fall army worm in maize, nut dropping in arecanut and wilt in pepper. With doubling farmer's income interventions like integrated crop management in arecanut, pepper and maize helped in increasing the yield. Application of Jeevamrutha and mulching in arecanut and pepper has helped the farmer in water conservation during drought condition and improving the soil fertility. He is getting net annual income of Rs. 840210.



**Arecanut & Pepper intercrop**



**Jeevamrutha preparation**



**Name of farmer: Mr. Kumaraswamy, K.**

**Address: s/o Kallappa, Arabagatta, Ramagiri Hobli, Holalkere taluk**

**Karnataka**

**Age: 28**

**Education: B. A.**

**Size of land holding (in acre): 5.5 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.)
Horti. Crop 1	Coconut	3 acres	12000 Nos.	144000	69000
Livestock 1	Cows	2	3200 liters	83200	50200
Enterprises 1	Tree climbing	1 Nos.	200 trees	8000	6500
<b>Total</b>				<b>235200</b>	<b>125700</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	Coconut	3 acres	18000 Nos.	288000	208000	50	201.45
Horti. Crop 2	Arecanut	2.5 acres	1.5 q	61500	21500	100	100.00
Livestock 1	Cows	2	3800 liters	110200	74200	18.75	47.81
Enterprises 1	Tree climbing	1 Nos.	330 trees	14850	12850	65.00	97.69
<b>Total</b>				<b>474550</b>	<b>316550</b>		<b>151.83</b>

**Brief:** The farmer used to get net annual income of Rs. 125700 from coconut, arecanut, cows and tree climbing. He faced problems of coconut mite and stem bleeding in coconut, mites and spindle bug in arecanut and imbalanced nutrient management in cows. With doubling farmer's income interventions like integrated crop management in coconut and arecanut and improved fodder varieties and balanced nutrition for cows has increased the yield. Farmer undergone tree climbing training in Krishi Vigyan Kendra helped for generating additional income from tree climbing. He is getting net annual income of Rs. 316550.



**Arecanut garden**



**Arecanut + Coconut intercrop**



**Name of farmer: Mr. Eralingappa**

**Address: s/o Sanneerappa, Suguru, Dharmapura Hobli, Hiriyur taluk**

**Karnataka**

**Age: 52,**

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

**Size of land holding (in acre): 8 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.)
Hort. Crop 1	Papaya	2 acres	22.6 t	146900	92900
Hort. Crop 2	Onion	2 acres	160 q	304000	216750
Hort. Crop 3	Tomato	1 acre	93 q	102300	54300
Livestock 1	Buffalo	1 Nos.	975 liters	25350	17850
<b>Total</b>				<b>578550</b>	<b>381800</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	Papaya	2 acres	28 t	252000	194000	23.89	108.83
Hort. Crop 2	Arecanut	3 acres	1.7 q	69700	3700	>100	>100
Hort. Crop 3	Onion	2 acres	210 q	504000	420000	31.25	93.8
Hort. Crop 4	Tomato	1 acres	123 q	172200	120200	32.26	121.36
Livestock 1	Buffalo	1 Nos.	1200 liters	34800	25700	23.08	43.98
<b>Total</b>				<b>1032700</b>	<b>763600</b>		<b>100</b>

**Brief:** The farmer used to get net annual income of Rs. 381800 from papaya, arecanut, onion, tomato and buffalo. He faced problems of mite, ring spot virus disease in papaya, spindle bug and mites in arecanut, purple blotch disease and thrips in onion and blight disease and fruit borer in tomato. With doubling farmer's income interventions like integrated nutrient management and integrated pest and disease management in Papaya, arecanut, onion and tomato has increased the yield. He has prepared Jeevamrutha and used for all crops which reduced the expenditure on fertilizers. He is getting net annual income of Rs. 763600.



**Jeevamrutha Application in Papaya**



**Arecanut**



**Name of farmer: Mr. C. Dinesh**

**Address: C.Dinesh S/o Chandrappa Upparigenahally,**

**Holalkere Tq.Chitradurga Dist.**

**Karnataka**

**Age: 48**

**Education: P.U.C.**

**Size of land holding (in acre): 9.5 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Arecanut	4 acres	20 q.	5,40,000	4,50,000
Field Crop 2	Coconut	100 palms (2.5)	12 q.	62,000	47,000
Hort. Crop 3	Betel vine	0.5 acre	260000 leaves	2,12,000	1,12,000
Hort. Crop 4	Tuberose	16 guntas	205 t.	1,50,000	50,000
Field Crop 1	Maize	2.5 acres	40 q.	65,000	30,000
<b>Total</b>				<b>10,29,000</b>	<b>6,89,000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	4 acres	26 q	10,50,000	10,30,000	30.00	128.89
Hort. Crop 1	Coconut	95 palms (2 acres)	14 q. (dried coconut)	2,00,000	1,50,000	16.7	219.15
Hort. Crop 1	Betel vine	0.5 acre	300000 leaves	5,50,000	2,50,000	15.38	123.21
<b>Total</b>				<b>18,00,000</b>	<b>14,30,000</b>		<b>107.55</b>

**Brief:** The farmer used to get annual income of Rs. 6,89,000 from plantation, flower and agricultural crops etc. He faced problems like moisture stress and reduced yield etc. With doubling farmer's income interventions like water conservation practices, bio-control agents and integrated nutrient management etc., he is getting annual income of Rs. 14,30,000. In addition, there is cost saving of Rs. 12,000 in the application of pesticides.



Arecanut and Betel vine



Tube rose



**Name of farmer:** Shri Narendra A.V.

**Address:** S/o A.V. Veeranna Aluru,  
Hiriyur Tq. Chitradurga Dist.

**Karnataka**

**Age:** 50 years

**Education:** P.U.C.

**Size of land holding (in acre):** 24 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	13 acre	40000 nuts	432000	282000
Hort. Crop 2	Arecanut	9 acre	45 q.	1260000	875850
<b>Total</b>				<b>16,92,000</b>	<b>1157850</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	Coconut	13 acre	46900 nuts	609700	489700	17.25	73.65
Hort. Crop 2	Arecanut	9 acre	50 q.	1800000	1700000	11.11	94.1
Hort. Crop 3	Banana	2 acre	12 t.	176000	126000	100	100.00
<b>Total</b>				<b>25,85,700</b>	<b>23,15,700</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 1157850 from coconut and arecanut. He faced problems like reduced yield due to frequent pest and disease problems. With doubling farmer's income interventions like banana cultivation, integrated nutrient management and integrated pest and disease management and effective water management practices like mulching with arecanut husk, he is getting annual income of Rs. 23,15,700.



Coconut



Arecanut and banana plantation



## Effect of DFI intervention

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

Name of farmer: K.T. Rajashekharappa,

Address: S/o Tipperudrappa

Channamma Nagathihally, Challakere Taluk

Karnataka

Age: 69

Education: S.S.L.C.

Size of land holding (in acre): 10 acres

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	0.75 acre	0.75 q.	24000	6000
Hort. Crop 2	Betel vine	intercrop	700000 leaves	24000	12000
Hort. Crop 3	Coconut	0.5 acres	1980 nuts	63000	13000
Field Crop 1	Groundnut	10 acre	18 q.	19800	9800
Livestock 1	Buffalo	2 No.s	1440 liters	33120	14720
<b>Total</b>				<b>163920</b>	<b>55520</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	Arecanut	0.75 acre	1 q.	35000	20000	33.33	233.33
Hort. Crop 2	Coconut	0.75 acres	4760 nuts	57120	37120	140.40	185.7
Field Crop 1	Groundnut	10 acre	25 q.	125000	65000	38.89	563.3
Livestock 1	Buffalo	2 No.s	1920 litres	51840	34240	33.33	132.61
<b>Total</b>				<b>2,68,960</b>	<b>1,56,360</b>		<b>181.63</b>

**Brief:** The farmer used to get annual income of Rs. 55520 from coconut, arecanut, betelvine, groundnut and buffalo. He faced problems like reduced yield and moisture stress. With doubling of farmer's income interventions like integrated nutrient management and integrated pest and disease management, vermicompost production, waste decomposer and effective water management practices he is getting annual income of Rs. 1,56,360.



Arecanut plantation



Waste decomposer preparation



**Effect of DFI intervention** Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga  
**Name of farmer: Shri Henjarappa**  
**Address: S/o G.S. Siddaiah Hariyabbe, Hiriya Taluk**  
**Karnataka**  
**Age: 45 years**  
**Education: P.U.C.**  
**Size of land holding (in acre): 17 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Component s	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Maize	1.5 acre	14 q.	16800	6800
Field crop 1	Groundnut	3 acre	15 q.	45000	5000
Hort. Crop 1	Onion	2.75 acre	15 t.	3240	26400
Hort. Crop 2	Pomegranate	4 acre	10 t.	4200	28860
Hort. Crop 3	Areca nut	1.5 acre	9.75 q.	31200	21200
Livestock 1	Cows(HF & Jersey)	5 No.s	4800 liters	1104	14400
<b>Total</b>				<b>9474</b>	<b>60000</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	1.5 acre	16 q.	24000	12000	14.29	76.47
Field crop 1	Groundnut	3 acre	18 q.	68400	20400	20.00	308.00
Hort. Crop 1	Onion	2.75 acre	20 t.	510000	460000	33.33	74.24
Hort. Crop 2	Pomegranate	4 acre	12 t.	564000	464000	20.00	60.8
Hort. Crop 3	Areca nut	1.5 acre	12 q.	45600	30600	23.08	44.34
Hort. Crop 4	Watermelon	4 acre	90 t.	200000	90000	>100	>100
Hort. Crop 5	Muskmelon	4 acre	24 t.	100000	65000	>100	>100
Livestock 1	Cows(HF & Jersey)	5 No.s	6000 liters	162000	58000	25.00	302.78
<b>Total</b>				<b>1674000</b>	<b>12,00,000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 6,00,000 from maize, groundnut, onion, pomegranate, areca nut and livestock. He faced problems like reduced yield due to pests and diseases. With doubling farmer's income interventions like integrated nutrient management, mulching, *Trichoderma* and *pseudomonas* culture use, composting techniques, mechanization, integrated pest and disease management and forage management, he is getting annual income of Rs. 12,00,000.



Arecanut plantation



Dairy unit



**Name of farmer: Shri Ramachandra Reddy**

**Address: S/o Intur Hanumantharaya, Nagagondanahally, Challakere Taluk  
Karnataka**

**Age: 63 years**

**Education: S.S.L.C.**

**Size of land holding (in acre): 9 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pomegranat	2.5 acre	5 t.	650000	550000
Hort. Crop 2	Arecanut	2.5 acre	20 q.	560000	460000
Hort. Crop 3	Onion	1.5 acre	4.5 t.	67500	37500
Field crop 1	Groundnut	1 acre	10 q.	48000	38000
Field crop 2	White ragi	1.5 acre	20 q.	60000	35000
Livestock 1	Cow	3 No.s (16	3840 litres	76800	58800
Livestock 1	Buffalo	1 No. (1 litre/day)	240 litres	4800	1800
Enterprise 1	Sheep	10 No.s		100000	90000
Enterprise 2	Poultry	20 No.s		18000	8000
	<b>Total</b>			<b>15,85,100</b>	<b>12,79,100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Pomegranate	2.5 acre	8 t.	1280000	980000	60.00	78.18
Hort. Crop 2	Arecanut	2.5 acre	40 q.	1280000	1130000	100.00	145.65
Hort. Crop 3	Onion	1.5 acre	6 t.	240000	210000	33.33	460.00
Field crop 1	Groundnut	1 acre	16 q.	88000	73000	60.00	92.11
Livestock 1	Cow	3 (18 liters/day)	4320 liters	116640	96640	100	64.35
Livestock 2	Buffalo	1 (2 liters/day)	480 liters	12960	4960	12.50	175.56
Enterprise 1	Sheep rearing	10		120000	105000	0	16.67
Enterprise 2	Poultry	30		28500	13500	50.00	68.75
	<b>Total</b>			<b>31,66,100</b>	<b>26,13,100</b>		<b>104.29</b>

**Brief:** The farmer used to get annual income of Rs. 1279100 from agricultural, horticultural, livestock, sheep rearing and poultry. He faced problems like reduced yield due to pests and diseases, poor fodder management, moisture stress. With doubling farmer's income interventions like integrated nutrient management, integrated pest and disease management, forage management and water conservation structures he is getting annual income of Rs. 26,13,100.



Coconut and poultry



Dairy



**Name of farmer:** Lokappa. G S/o Govindappa

**Address:** Hosakunduru, Hosadurga Tq.

**Karnataka**

**Age:** 43

**Education:** S.S.L.C.

**Size of land holding (in acre):** 8.0 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Finger millets	1 Acre	44q	88000	56000
Field Crop 2	Maize	2 Acre	10q	20000	4000
Hort. Crop 1	Onion	3 Acre	255q	570000	444000
<b>Total</b>				<b>678000</b>	<b>504000</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	Finger millets	1 Acre	52q	130000	95000	18.2	69.6
Field Crop 2	Maize	2 Acre	11.5q	26450	7950	15.0	98.8
Hort. Crop 1	Onion	3 Acre	345q	1125000	990000	35.3	123
Hort. Crop 2	Onion seed production	2 Acre	6q	600000	420000	>100	>100
<b>Total</b>				<b>1881450</b>	<b>1512950</b>		<b>200.1</b>

**Brief:** The farmer used to get annual income of Rs. 504000 from maize, finger millet, Bengal gram and onion etc. He faced problems improved varieties in onion, low yield etc. With doubling farmer's income interventions like demo of Bhima super and seed production, integrated crop management in bengal gram, ML-365 finger millet variety etc., he is getting annual income of Rs. 1512950. In addition, there is cost saving of Rs 30,000. in the production of vermicomposting.



Onion seed production



Onion



**Name of farmer: Shivamurthy**

**Address: B S/o Bylappa , Bhimanabande, Hiriyr Tq.**

**Karnataka**

**Age: 60**

**Education: B.A**

**Size of land holding (in acre): 12 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	2 Acre	11q	49500	24500
Field Crop 2	Fingermilletts	1 Acre	8.5q	18870	5370
Hort. Crop 1	Mango	8 Acre	240q	400000	250030
Hort. Crop 2	Onion	1 Acre	85q	114000	69000
Livestock 1	Cows	3	2700 Liter	75600	60600
<b>Total</b>				<b>657970</b>	<b>409500</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 Acre	14q	77000	47000	27.3	91.8
Field Crop 2	Finger millets	1 Acre	11q	27500	13000	29.4	142.1
Hort. Crop 1	Mango	8 Acre	304q	672000	524000	26.7	109.6
Hort. Crop 2	Onion	1 Acre	100q	198000	148000	17.6	114.5
Livestock 1	Cows	3	3500 Liter	105000	87000	29.62	43.80
<b>Total</b>				<b>1079500</b>	<b>819000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 409500 from groundnut, mango and onion etc. He faced problems low yield in mango and onion etc. With doubling farmer's income interventions like demo of Bhima super, integrated nutrient management in Mango, ML-365 finger millet variety etc., he is getting annual income of Rs. 819000.



**Mango**



**Onion**



**Name of farmer:** P.C Srinivas S/o P Chanchalappa

**Address:** Hunasekatte, Chitradurga Tq.

**Karnataka**

**Age:** 46

**Education:** Diploma

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1 Acre	25q	50000	18000
Field Crop 2	Finger millet	1 Acre	10q	20000	4000
Hort. Crop 1	Onion	1 Acre	75q	112500	70500
Hort. Crop 2	Chrysanthemum	3 Acre	135q	1012500	862500
Livestock 1	Sheep's	25 No.	25 No.	120000	75000
<b>Total</b>				<b>1315000</b>	<b>1030000</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 Acre	27q	67500	32500	8.0	80.6
Field Crop 2	Finger millet	1 Acre	11.5q	26450	7950	15	98.8
Hort. Crop 1	Onion	1 Acre	95q	209000	164000	26.7	132.6
Hort. Crop 2	Chrysanthemum	3 Acre	165q	2062500	1897500	22.2	120.0
Livestock 1	Sheep's	60 No.	60 No.	225000	130000	140	73.33
<b>Total</b>				<b>2590450</b>	<b>2231950</b>		<b>116.69</b>

Brief: The farmer used to get annual income Rs. 1030000 From Maize, finger millet, onion, chrysanthemum etc. He faced problems low yield finger millet, onion, Chrysanthemum etc. With doubling farmer's income interventions like demo of MI-365 finger millet variety, integrated cop management in onion, integrated cop management in chrysanthemum etc., he is getting annual income of Rs. 2231950.



**Chrysanthemum**



**Sheep rearing unit**

**Effect of DFI intervention**

Name of KVK: ICAR- Krishi Vigyan Kendra, Chitradurga

**Name of farmer:** Sannaveerappa S/o Doddayya**Address:** Ranganhalli, Hiriya Tq.**Karnataka****Age:** 55**Education:** 7<sup>th</sup> Std.**Size of land holding (in acre):** 4.5 acre**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Finger millet	1.5 Acre	14.25q	28500	4500
Hort. Crop 1	Onion	2 Acre	190q	228000	144000
Live stocks	Cows	2 No.	900 Liter	25200	20000
Other enterprise (Specify)	Vemicompost	1 No.	10q	6000	5000
<b>Total</b>				<b>287700</b>	<b>173500</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	Net Income	production	income
Field Crop 1	Finger millet	1.5 Acre	15.75q	36225	8475	10.5	88.3
Hort. Crop 1	Onion	2 Acre	260q	468000	368000	36.8	155.6
Hort. Crop 2	Onion seed production	0.5 Acre	1.5q	150000	105000	>100	>100
Live stocks	Cows	2 No.	1250 Liter	37500	28000	38.8	40.0
Other enterprise (Specify)	Vemicompost	1 No.	12q	9600	7500	20.00	50.00
<b>Total</b>				<b>701325</b>	<b>516975</b>		<b>197.96</b>

**Brief:** The farmer used to get annual income of Rs. 173500 from finger millet and onion etc. He faced problems low yield etc. With doubling farmer's income interventions like demo of Bhima super and seed production, ML-365 finger millet variety etc., he is getting annual income of Rs. 516975. In addition, there is cost saving of Rs 7500 in the production of vermicomposting.



Onion



Onion seed production



**Name of farmer: Malleshappa**

**Address: s/o Siddaramappa, Arabagatta, Ramagiri Hobli, Holalkere taluk Karnataka**

**Age: 46**

**Education: P.U.C.**

**Size of land holding (in acre): 40 acre**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	30 acres	102000Nos.	1224000	717250
Hort. Crop 1	Arecanut	7.5 acres	Not yielding	0	0
Hort. Crop 2	Vegetables	0.5 acre	3 t	60000	48000
Hort. Crop 3	Onion	1 acre	4.5 t	112500	72500
Field Crop 1	Bengalgram	1 acre	6 q	26400	20400
Live stock 1	Buffalo	5 Nos.	2900 liter	81200	78600
<b>Total</b>				<b>1504100</b>	<b>936750</b>

**2. Status in 2020**

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Hort. Crop	Coconut	30 acres	129000Nos.	2064000	1554000	26.47	116.1
Hort. Crop	Arecanut	7.5 acres	Not yielding	0	0	0	0
Hort. Crop	Vegetables	0.5 acre	4.6 t	96600	81600	53.33	70
Hort. Crop	Onion	1 acre	5.8 t	162400	119400	28.88	64.68
Field Crop	Bengalgra	1 acre	8.2 q	36900	30200	36.66	48.03
Live stock	Buffalos	6 Nos.	3400 liter	95200	88300	17.24	12.34
<b>Total</b>				<b>2455100</b>	<b>1873500</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of **Rs. 936750** from coconut, onion, vegetables, bengalgram and buffalo. Coconut yield was less due to coconut mite and imbalanced nutrient management, purple blotch disease incidence was more in onion, pest and diseases problem and imbalanced nutrient management in vegetables and bengalgram, imbalanced nutrition in buffalos. With doubling farmer's income interventions like composting of coconut fronds, integrated nutrient and pest management in onion, vegetables and bengalgram increased the yield. Balanced nutrition and micronutrient application in buffalos has increased the milk yield. He is getting annual net income of **Rs. 1873500**.



**Arecanut**



**Dairy**

