



**Name of farmer:** Unnikrishnan  
**Address:** Nadukkemuriyil,  
 Thiruvandoor  
**Age:** 52  
**Education:** SSLC  
**Size of land holding (in acre):** 0.30

### 1) 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	Nutmeg	0.18 acre	0.5Q	5000	4000
Hort. Crop 2	Mushroom	1unit	7Q	210000	110000
Total				<b>215000</b>	<b>114000</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	Nutmeg	0.18	0.6Q	12000	10000	20.00	150.00
Hort. Crop 2	Mushroom	1 unit	14Q	420000	231000	100.00	110.00
Total				<b>432000</b>	<b>241000</b>		<b>111.00</b>

**Brief:** The farmer used to get annual net income of Rs.114000/-from mushroom and nutmeg. He faced problems like poor yield during summer months. With DFI interventions like milky mushroom production, own spawn production, and scientific production practices, he is getting annual net income of Rs.241000/-



Mushroom harvesting



Unit expanded with the use of own spawn





**Name of farmer: Sree renjini**

**Address: Ganesh Bhavanam, Ennakkad, Budhanoor**

**Age: 44**

**Education: B.Com**

**Size of land holding (in acre): 0.47**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Coconut	0.15	300 nos.	7500	2500
Hort.Crop1	Mushroom	1 unit	1.8Q	72000	47000
Total				79500	49500

### 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	Coconut	0.3	350nos.	9800	2800	16	12
Hort.crop1	Banana	0.03	3.75Q	11250	3700	>100	>100
Livestock1	Poultry	150	30000nos.	322000	66500	>100	>100
Livestock2	Goat	11nos.	730liter	119600	57000	>100	>100
Total				<b>462650</b>	<b>130000</b>		<b>162</b>

**Brief:** The farmer used to get annual net income of Rs.49500/- from mushroom and coconut. She faced problems like under utilization of land. With DFI interventions, she initiated Integrated farming system in her field and she is getting annual net income of Rs.130000/-.



Mushroom unit



Poultry unit



**Name of farmer: Mr. Sanal Kumar**  
**Address: Elanjikkamalayill, Puliur**  
**Age: 60**  
**Education: PreeDegree**  
**Size of land holding (in acre): 0.20**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.03acre	50nos.	1250	500
Hort.Crop2	Banana	0.02 acre	2Q	6000	1500
Total				7250	2000

### 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.Crop1	Coconut	0.03acre	60Nos	1500	500	20	0
Hort.Crop2	Mushroom	1 unit	10Q	350000	215000	>100	>100
Total				<b>351500</b>	<b>215500</b>		<b>&gt;100</b>

**Brief:** The farmer used to get annual net income of Rs.2000/- from homestead cultivation. He wished for a self employment venture and approached KVK to initiate with DFI intervention of mushroom production, he is getting annual net income of Rs.215500/-.



Management of mushroom beds    Branded product– Star Mushroom

Mushroom harvesting



**Name of farmer: Mr. Rajendra Prasad**

**Address: Raj Bhavanam, Harippad**

**Age: 48**

**Education: Pre Degree, ITI**

**Size of land holding (in acre): 0.18**

### 1) Before intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.09acre	240nos.	6000	3300
Hort.Crop2	Mushroom	1 unit	0.24Q	7000	4200
Total				13000	7500

### 2) Statusin2020

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.Crop1	Coconut	0.09 acre	350nos.	9800	6500	45	96
Hort.Crop2	Mushroom	1 unit	7.5Q	262500	160000	3025.00	3709
Total				<b>272300</b>	<b>166500</b>		<b>2120</b>

**Brief:** The farmer used to get annual net income of Rs.7500/-from homestead coconut palms and a small mushroom production unit. With DFI interventions like scientific mushroom production technologies and expansion of the unit, he is getting annual net income of Rs.166500/-.



Preparation of mushroom beds



Mushroom harvesting



**Name of farmer: Minimol. G**  
**Address: Puthentharayil, Puthuppally**  
**Age: 45**  
**Education: Higher Secondary**  
**Size of land holding (in acre):0.15**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.05	240	6000	4500
Total				6000	4500

### 2) Statusin2020

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.Crop2	Mushroom	1 unit	0.05Q	17500	10750	>100	>100
Total				<b>17500</b>	<b>10750</b>		<b>138</b>

**Brief:** The farmer used to get annual net income of Rs.4500/- from household coconut palms. She started mushroom cultivation in a small shed attached to her house with consultation from the KVK. With this DFI intervention she is getting annual net income of Rs.10750/-.



Collecting harvested nuts



Management of mushroom beds



**Name of farmer: Sivaraman Nair,**  
**Address: Plantharayil, Erezha South, Chettikulangara PO,**  
**Alappuzha**  
**Age: 68**  
**Education: Degree**  
**Size of land holding (in acre):1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	1.25(60nos)	1920	38400	16800
Hort.Crop2	Ginger	0.05	2.5q	15000	3000
Hort.Crop3	Banana	0.1(50nos)	3.75	15000	5000
Total				<b>68400</b>	<b>24800</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.Crop1	Coconut	1.25(60nos)	2880	63360	38160	50	127.0
Hort.Crop2	Ginger	0.05	3	18000	6000	20	100.0
Hort.Crop3	Banana	0.1(50nos)	6	25200	9450	62.46	89.0
Hortcrop4	Turmeric	0.05	3.75	11250	4750	>100	>100.0
Total				<b>117810</b>	<b>58360</b>		<b>135.0</b>

**Brief:** The farmer used to get annual net income of Rs.24800/-from Coconut, ginger, Banana etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of ginger and turmeric and scientific cultivation practices, he is getting annual net income of Rs. 58360/-



KVK intervention on ginger



Income generating activity



**Name of farmer: Varghese John**

**Address: Pulimoottil, Chennithala, Mavelikkara**

**Age: 65**

**Education: Diploma**

**Size of landholding (in acre):3**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	2.25	27	75600	18600
Hort.Crop1	Coconut	0.75(40)	1280	25600	13200
Hort.Crop2	Banana	0.10	8.4	50400	21600
Total				<b>151600</b>	<b>53400</b>

### 2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
FieldCrop 1	Paddy	2.25	45	126000	61000	67.0	228.0
Hort.Crop1	Coconut	0.75(40)	1920	42240	25440	50.0	93.0
Hort.Crop2	Banana	0.10	10.2	61200	27600	21.0	28.0
Hort.Crop3	Turmeric	0.02	1.2	3600	2100	>100	>100
Total				<b>233040</b>	<b>116140</b>		<b>117.0</b>

**Brief:** The farmer used to get annual net income of Rs.53400/-from coconut, paddy, banana etc. He faced problems like high labour cost, low yield, pest incidence etc. With DFI interventions like mechanization in paddy cultivation, HYV of turmeric and scientific cultivation practices, he is getting annual net income of Rs.116140/-



KVK intervention on turmeric



Scientific pest management in paddy



**Name of farmer: Salim K M**

**Address: Kaithavana Bunglow, Elippakilam, Kattanam PO, Alappuzha**

**Age: 68**

**Education: Diploma**

**Size of landholding (in acre): 1.50**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.60(40)	1200nos	26400	8400
Hort.Crop2	Cassava	0.15	30	36000	6000
Hort.Crop3	Yam	0.05	8	16000	6000
Hort.Crop4	Vegetable	0.02	2	8000	4000
Total				<b>86400</b>	<b>24400</b>

### 2) Status in 2020

Component Description		Period 2020-21				%increase over base year	
Components	Name	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Hort.Crop1	Coconut	0.60(40)	1600nos	35200	16000	33.0	90
Hort.Crop2	Cassava	0.15	36	43200	13200	20.0	120
Hort.Crop3	Yam	0.05	10	18000	8000	25.0	33
Hort.Crop4	Turmeric	0.05	4	12000	4500	>100	>100
Hort.Crop5	Ginger	0.025	1.75	11375	7000	>100	>100
Hort.Crop6	Vegetable	0.02	2.5	10000	4500	25	12.5
Total				<b>129775</b>	<b>53200</b>		<b>118</b>

**Brief:** The farmer used to get annual net income of Rs.24400/-from coconut, tubers etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of ginger, turmeric and scientific cultivation practices, he is getting annual net income of Rs.53200/-



Before DFI interventions



KVK intervention on HYV turmeric



**Name of farmer: Hassan Kunju**

**Address: Puthenveedu, Elippakkulam, Elippakkulam P.O, Vallikunnam**

**Age: 54**

**Education: SSLC**

**Size of landholding (in acre): 0.50**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.30(20)	480	10560	3560
Hort.Crop2	Vegetables	0.05	2.5	7500	5000
Hort.Crop3	Tubers	0.05	12.5	22000	14500
Total				<b>40060</b>	<b>23060</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
FieldCrop 1	Coconut	0.30(20)	800	17600	10600	67	198
FieldCrop 2	Vegetables	0.05	3.75	11250	7250	50	45
Hort.Crop1	Tubers	0.05	15.5	31000	23000	24	59
Hort.Crop2	Turmeric	0.05	3	9000	6000	>100	>100
Total				<b>68850</b>	<b>46850</b>		<b>103</b>

**Brief:** The farmer used to get annual net income of Rs.23060/-from coconut, vegetables, tubers etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of turmeric and scientific cultivation practices, he is getting annual net income of Rs.46850/-



DFI interventions on turmeric



**Name of farmer: Kuttan Unnithan**  
**Address: Kuzhivelil, Palamel, Nooranad**  
**Age: 60**  
**Education: SSLC**  
**Size of landholding (in acre): 0.75**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25(20)	640	9600	6400
Hort.Crop2	Vegetables	0.05	4.8	12000	8500
Hort.Crop3	Banana	0.25(250)	17.5	78750	23750
Total				100350	38650

### 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.Crop1	Coconut	0.25(20)	800	16000	11500	25	80
Hort.Crop2	Vegetables	0.05	6.2	18600	14100	29	66
Hort.Crop3	Banana	0.25(250)	21.25	102000	57500	21	142
Hort.Crop4	Turmeric	0.05	5	15000	9000	>100	>100
Total				<b>151600</b>	<b>92100</b>		<b>138.29</b>

**Brief:** The farmer used to get annual net income of Rs.38650/-from coconut, vegetables, banana etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of turmeric and scientific cultivation practices, he is getting annual net income of Rs.92100.



DFI intervention on turmeric



Name of farmer: **Bijukumar**

Address: **Durga Sadanam, Aranoottimangalam, Thazhakkara**

Age: **53**

Education: **SSLC**

Size of landholding (in acre): **2.5ac+2 ac lease land**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Paddy	2.0	20 q	52000	16000
Livestock1	Dairy	5	13500lit.	472500	48750
Livestock2	Duck	10	1460 eggs	11680	730
Livestock3	Poultry	10	1460 eggs	8760	1460
Total				544940	66940

### 2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2.0	24 q	67200	31200	20	95
Hort.Crop1	Coconut	0.3(20)	600nuts	13800	5800	>100	>100
Hort.Crop2	Banana	0.3(300)	28.5 q	71250	11250	>100	>100
Hort.Crop3	Vegetable	0.4	26.0q	68900	28900	>100	>100
Livestock1	Dairy	12Nos	36000lit.	1440000	452200	167	828
Livestock2	Duck	20Nos	4015eggs	36135	14235	175	1850
Fisheries	Fish	0.05	1.25	31250	14450	>100	>100
Total				<b>1728535</b>	<b>558035</b>		<b>734</b>

**Brief:** The farmer used to get annual net income of Rs.66940/-from Paddy, Dairy, Duck and poultry. He faced problems like low productivity, pests & diseases in crops, low fodder availability etc. With DFI interventions like ICM in paddy, strengthening dairy and by adding more components in the IFS, he is getting annual net income of Rs558035/-



Releasing fish seeds to pond;  
Dairy unit just behind the pond



Sales unit of different farm products



Name of farmer: Purushothaman Thambi

Address: Tharamelkizhakkathil,  
Aranoottimangalam, Thazhakkara

Age: 60

Education: HSC, ITI

Size of landholding (in acre): 3.6 ac

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	1.5	12.5q	32500	5500
Hort.Crop1	Coconut	0.25(20)	460nuts	9200	3200
Hort.Crop2	vegetable	0.5	40.0	60000	22500
Livestock 1	Poultry	50 Nos	7300eggs	43800	2738
Total				<b>145500</b>	<b>33938</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
FieldCrop 1	Paddy	1.5	15 q	42000	13500	20	145
Hort.Crop1	Coconut	0.25(20)	560nuts	14000	6000	22	88
Hort.Crop2	Vegetable	0.5	50 q	75000	25000	25	11
Livestock 1	Poultry	50 Nos	12775eggs	89425	39238	75	1333
Livestock 2	Duck	30 Nos	8395eggs	75555	39968	>100	>100
Fisheries	Fish	0.5	7.5q	150000	91600	>100	>100
Total				<b>445980</b>	<b>215306</b>		<b>534</b>

**Brief:** The farmer used to get annual net income of Rs.33938/-from Paddy, Coconut, Vegetable and Poultry. He faced problems like pests & diseases in crops, lower productivity etc. With DFI interventions like ICM in paddy & coconut, Integrated duck and fish farming, he is getting annual net income of Rs.215305/-



Integrated duck and fish farming



Rearing traditional fish variety (Varal)



**Name of farmer: Sanumon**

**Address: Papparambil, Mayithara PO, Cherthala**

**Age: 44**

**Education: Predegree**

**Size of landholding (in acre): 1.5ac+6 ac (lease land)**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Paddy	1.0	20 q	54000	36000
Hort.Crop1	Coconut	0.35(30)	600nuts	12000	3000
Hort.Crop2	Banana	0.06(60)	4.5q	7680	480
Hort.Crop3	Vegetable	3.0	240q	360000	135000
Livestock2	Dairy	2	5400lit	201150	30200
Livestock3	Poultry	50	7300eggs	43800	2738
Total				<b>678630</b>	<b>207418</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
FieldCrop 1	Paddy	1.0	25 q	70000	52000	25	44
Hort.Crop1	Coconut	0.35(30)	1050nuts	24150	12150	75	305
Hort.Crop2	Banana	0.1(100)	10 q	20000	2000	33.00	317
Hort.Crop3	Vegetable	5.0	500q	900000	400000	25.00	196
Livestock1	Dairy	2	6000lit	247000	71250	11	136
Livestock2	Poultry	75	18250eggs	127750	59313	150	2067
Livestock3	Duck	50	14600eggs	131400	67525	>100	>100
Fisheries	Fish	0.5ac	10 q	200000	87800	>100	>100
Total				<b>1720300</b>	<b>752038</b>		<b>263</b>

**Brief:** The farmer used to get annual net income of Rs.207418/-from Paddy, Coconut, Vegetable, Dairy, and poultry. He faced problems like low productivity, pests & diseases in crops, lower egg production etc. With DFI interventions like Integrated Farming System, and scientific management practices he is getting annual net income of Rs752038/-



Vegetable crop in leased land & Biogas unit



Fish farming & Banana crop



Name of farmer: Mr. Mohandas M.S.

Address: Leela Sadanam, Pollethai- P.O., Mararikulam South

Age: 64 yrs

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

Size of landholding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	0.5	7.2Q	20300	11300
Hort.Crop1	Coconut	0.5(30)	960nuts	14400	5400
Hort.Crop2	Veg Cowpea	0.1	11 Q	49500	31500
Total				84200	48200

### 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	Paddy	0.5	8Q	22800	12900	10	14
Hort.Crop1	Coconut	0.5(30)	1200nuts	22800	10800	25	100
Hort.Crop2	Veg Cowpea	0.1	13 Q	67600	47600	18	51
Hort.Crop3	Banana	0.2(50)	10.4Q	41600	25200	>100	>100
Total				<b>154800</b>	<b>96500</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs.48200/- from coconut, paddy, veg. cowpea etc. He faced problems like moisture stress in crops, low productivity, pests & diseases etc. With DFI interventions like conservation practices, ICM in all crops and introduction of banana, he is getting annual net income of Rs 96500/-



Soil moisture conservation in Coconut



INM package in Banana



**Name of farmer: Mr. Anandan P.**

**Address: Pallipurathu (H), Pollethai- P.O., Mararikulam South**

**Age: 66 yrs**

**Education: Higher Secondary/12<sup>th</sup>**

**Size of landholding (in acre): 1.0**

### 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	Paddy	0.4	5.6 Q	14000	6800
Hort.Crop1	Coconut	0.4(15)	480nuts	7200	2700
Hort.Crop2	Bitter gourd	0.2	16.2Q	69660	42660
Total				<b>90860</b>	<b>52160</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	Paddy	0.4	6.4Q	17920	10520	14	55
Hort.Crop1	Coconut	0.4(15)	600nuts	11400	5400	25	100
Hort.Crop2	Bitter gourd	0.2	18 Q	90000	58500	11	37
Hort.Crop3	Banana	0.3(95)	12.4Q	49400	29925	>100	>100
Total				<b>168720</b>	<b>104345</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs.52160/- from paddy, coconut, bitter gourd etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops and introduction of banana, he is getting annual net income of Rs 104345/-



Paddy cultivation



Soil test based INM in banana



**Name of farmer: Mr. Sathyan P.R.**

**Address: Kochuveedu (H), Pollethai-P.O., Mararikulam South**

**Age: 63 yrs**

**Education: Higher Secondary/12th**

**Size of landholding (in acre): 0.2 (on lease 0.9)**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.2(12)	385nuts	7200	3600
Hort.Crop2	Snake gourd	0.15	13 Q	26000	8000
Hort.Crop3	Veg Cowpea	0.15	14 Q	56000	38000
Total				<b>89200</b>	<b>49600</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.Crop1	Coconut	0.2(12)	540nuts	16245	10245	40	184
Hort.Crop2	Snake gourd	0.15	15 Q	37500	16500	15	106
Hort.Crop3	Veg Cowpea	0.15	16Q	81600	59600	14	57
Livestock1	Banana	0.2(100)	11 Q	33000	13000	>100	>100
Total				<b>168345</b>	<b>99345</b>		<b>100.0</b>

**Brief:** The farmer used to get annual net income of Rs.49600/-from coconut, snake gourd, cowpea etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops and introduction of banana, he is getting annual net income of Rs 99345/-



Ginger cultivation in grow bags



Soil test based INM in banana



Name of farmer: Rema Unnikrishnan

Address: Thanima, Jack fruit products, Patoor PO, Padanilam, Nooranad

Age: 55

Education: Pre Degree

Size of landholding (in acre): 0.50 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.Crop2	Banana	0.1	3.1q	7750	3420
Total				<b>7750</b>	<b>3420</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
Other enterprise (Specify)	Jack fruit and banana based enterprises		3.5	135000	88000	>100	>100
Total				<b>135000</b>	<b>88000</b>		<b>2473</b>

**Brief:** The farmer used to get a very low annual net income of Rs.3420/- from banana cultivation. With DFI interventions like value addition of banana and jackfruit procured from the village, she is getting annual net income of Rs.88000/-.



Banana processed products



Value added products of Jack fruit



**Name of farmer: Mrs. Suseela Karthikeyan**

**Address: Akhil Bhavanam, Chingoli- P.O., Chingoli**

**Age: 52 yrs**

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

**Size of landholding (in acre): 0.75**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	0.25	3.5Q	8750	4250
Hort.Crop1	Coconut	0.4(15no)	480nuts	7200	2700
Hort.Crop2	Cassava	0.2	4.8Q	7200	6200
Hort.Crop3	Veg Cowpea	0.2	8.3Q	37125	24375
Total				<b>60275</b>	<b>37525</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	Paddy	0.25	4 Q	11200	6450	15	52
Hort.Crop1	Coconut	0.4(15no)	570nuts	10830	4080	19	51
Hort.Crop2	Cassava	0.2	7 Q	9100	7900	46	27
Hort.Crop3	Veg Cowpea	0.2	12Q	72000	57000	45	134
Total				<b>103130</b>	<b>75430</b>		<b>101</b>

**Brief:** The farmer used to get an annual net income of Rs.37525/- from Paddy, Coconut, tubers, vegetables etc. She faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops, she is getting annual net income of Rs75430/-



ICM in vegetables



Micronutrient management in Veg Cowpea



**Name of farmer: Mr. Badarudeen**

**Address: Chirammel Padeetathil, Chingoli- P.O., Chingoli**

**Age: 44 yrs**

**Education: High School/10th**

**Size of landholding (in acre): 0.75**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.5(25no)	850nuts	7650	1400
Hort.Crop2	Cassava	0.2	12 Q	15600	13100
Hort.Crop3	Banana	0.25	9 Q	18000	3000
Hort.Crop4	Veg Cowpea	0.2	10 Q	45900	30900
Total				<b>87150</b>	<b>48400</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.Crop1	Coconut	0.5(25no)	900nuts	12996	2996	06	114.00
Hort.Crop2	Cassava	0.2	15 Q	19500	16000	25	22.14
Hort.Crop3	Banana	0.25	11Q	24200	3700	22	23.33
Hort.Crop4	Veg Cowpea	0.2	15 Q	94500	74500	50.00	141.00
Total				<b>151196</b>	<b>97196</b>		<b>101</b>

**Brief:** The farmer used to get an annual net income of Rs.48400/- from coconut, tubers, fruits, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops, he is getting annual net income of Rs97196/-



ICM in Snake gourd



Micronutrient management in veg Cowpea



**Name of farmer: Mr. Aneesh mon R**  
**Address: Karthika Sadanam, Chathiyara– P.O., Thamarakulam**  
**Age: 36 yrs**  
**Education: Higher Secondary/12<sup>th</sup>**  
**Size of landholding (in acre) : 0.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25(15nos)	480nuts	7200	2700
Hort.Crop2	Cassava	0.25	26 Q	33800	29300
Hort.Crop3	Banana	0.2	18 Q	36000	4000
Total				<b>77000</b>	<b>36000</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.Crop1	Coconut	0.25(15nos)	540nuts	12996	6996	13	159
Hort.Crop2	Cassava	0.25	32 Q	41600	35600	23	22
Hort.Crop3	Banana	0.2	22 Q	46200	5200	22	30
Hort.Crop4	Veg Cowpea	0.1	8.4Q	37800	24600	>100	>100
Total				<b>138596</b>	<b>72396</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs.36000/- from coconut, tubers, banana etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops and introduction of cowpea, he is getting annual net income of Rs 72396/-



Banana field



Micronutrient management in Banana



Name of farmer: Mrs. Vijayamma MK

Address: Plavilavadakkethil (H), Punthala-P.O., Venmony

Age: 62 yrs

Education: Higher Secondary/12<sup>th</sup>

Size of landholding (in acre): 2.0

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	0.4	5.6Q	13440	6240
Hort.Crop1	Coconut	0.4(15nos)	480nuts	7200	3450
Hort.Crop2	Amaranthus	0.2	5.8Q	23000	13000
Hort.Crop3	Veg Cowpea	0.25	13.8Q	55000	32500
Total				<b>98640</b>	<b>55190</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	Paddy	0.4	6.2Q	17360	9560	10.0	53
Hort.Crop1	Coconut	0.4(15nos)	650nuts	12350	6500	35.0	88
Hort.Crop2	Amaranthus	0.2	8.5Q	51000	37250	46.55	186
Hort.Crop3	Veg Cowpea	0.25	17 Q	85000	57500	24.0	77
Total				<b>165710</b>	<b>110810</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs.55190/- from Paddy, coconut, amaranthus, cowpea etc. She faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops, she is getting annual net income of Rs 110810/-



Cowpea cultivation



Micronutrient management in Cowpea





**Name of farmer: Mrs. Jayamol**

**Address: Muzhangayil (H), Pathirappalli– P.O., Maraikulam South**

**Age: 48 yrs**

**Education: High School/10th**

**Size of landholding (in acre): 0.2 (on lease 0.7)**

### 1) 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.Crop1	Coconut	0.2(13nos)	520nuts	7800	4550
Hort.Crop2	Amaranthus	0.2	6.3Q	25000	15000
Hort.Crop3	Veg Cowpea	0.2	13.8Q	55000	32500
Total				<b>87800</b>	<b>52050</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.Crop1	Coconut	0.2(13nos)	650nuts	12350	6825	25	50
Hort.Crop2	Amaranthus	0.2	8.8Q	52500	37500	40	150
Hort.Crop3	Veg Cowpea	0.2	17 Q	85000	58750	24	80
Hort.Crop4	Banana	0.2(20nos)	2Q	5000	1400	>100	>100
Total				<b>154850</b>	<b>104475</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs. 52050/- from coconut, amaranthus, cowpea etc. She faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops and banana, she is getting annual net income of Rs104475/-



Amaranthus cultivation



Cultivation of nutrient rich pulse crop



**Effect of DFI intervention-57**

**Name of KVK: Alappuzha**

**Name of farmer: Bini Viswambharan**

**Address: Sudhi Curry Powder Unit, Pallickal naduvilemuri, Kattanam PO, Bharanikkavu**

**Age: 51**

**Education: Pre Degree**

**Size of landholding (in acre): 0.50 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.Crop1	Coconut	0.15(6palms)	380nuts	7200	5300
Hort.Crop2	Turmeric	0.10	2.1q	4200	3000
<b>Total</b>				<b>11400</b>	<b>8300</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.Crop1	Coconut	0.15 (6palms)	380nuts	7200	5300	0	0
Other enterprise (Specify)	Turmeric and curry powders		3.5q	155000	75000	>100	>100
<b>Total</b>				<b>162200</b>	<b>80300</b>		<b>867</b>

**Brief:** The farmer used to get a low annual net income of Rs.8300/- from Coconut and Turmeric. With DFI interventions like Value addition of Turmeric and spices, she is getting annual net income of Rs.80300/-.



Turmeric processing using boiler



Preparation and sale of different spice products



Name of farmer: Thankam D

Address: Sreenilayam, Near NTPC Main Gate, Chingoli

Age: 50

Education: Pre Degree

Size of landholding (in acre): 0.75 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.Crop1	Coconut	0.10(6palms)	240nuts	4800	3000
Hort.Crop2	Banana	0.20	3.5q	8750	5100
Total				<b>13550</b>	<b>8100</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.Crop1	Coconut	0.10 (6palms)	240nuts	4800	3000	0	0
Other enterprise (Specify)	Banana products		3.6q	115000	68000	>100	>100
Total				<b>119800</b>	<b>71000</b>		<b>776</b>

**Brief:** The farmer used to get a low annual net income of Rs.8100/-from Coconut and Banana. With DFI interventions like Value addition of Banana and other fruits, she is getting annual net income of Rs.71000/-.



Banana processing



Value added products from banana for sale



**Name of farmer: C.G. Prakasan**

**Address: Chemmanattuvedu, Mayithara Market PO, Cherthala**

**Age: 68**

**Education: SSLC**

**Size of landholding (in acre): 7 ac (4.5ac crop rotation– Paddy & vegetable)**

### 1) Before Intervention

Component 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	4.5ac	90 q	243000	166500
Hort.Crop1	Coconut	1.9ac (150Nos)	3000nuts	60000	15000
Hort.Crop2	Vegetable	4.5ac	360q	540000	202500
Livestock1	Dairy	1 No	2700lit.	100485	67635
Livestock2	Poultry	25 Nos	4745eggs	28470	5658
<b>Total</b>				<b>971955</b>	<b>457293</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
Field Crop 1	Paddy	4.5ac	112.5q	315000	238500	25	43
Hort.Crop1	Coconut	1.9ac (150Nos)	4200nuts	105000	45000	40	200
Hort.Crop2	Vegetable	4.5ac	450q	900000	450000	25	122
Livestock1	Dairy	4 Nos	12000lit.	483285	136535	344	102
Livestock2	Poultry	46 Nos	12045eggs	84315	42340	154	648
Livestock3	Duck	25 Nos	6570eggs	65700	38325	>100	>100
Fishery1	Fish	0.05ac	0.875q	17600	10400	>100	>100
<b>Total</b>				<b>1970900</b>	<b>961100</b>		<b>110</b>

**Brief:** The farmer used to get annual net income of Rs.457293/- from Paddy, Vegetable and Coconut. He achieved only lower total productivity due to improper utilization of land. With DFI interventions like crop rotation, scientific ICM in all crops and addition of components in IFS, he is getting annual net income of Rs 961100/-



Tapioca & Vegetable crops

Paddy, and Integrated duck and fish



**Name of farmer: Babu M.**

**Address: Thekkekalathattel, Devikulangara, Kayamkulam, Alappuzha**

**Age: 58**

**Education: Graduation**

**Size of landholding (in acre): 1.6 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	Coconut	1	9000no	162000	122000
Hort.Crop1	Garcinia	0.1	0.09	2250	2050
Hort.Crop2	Bush pepper	15no	0.015	450	350
<b>Total</b>				<b>164700</b>	<b>124400</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	Coconut	1	13000no	325000	260000	44	113
Hort.Crop1	Garcinia	0.1	0.16	6400	6100	78	197
Hort.Crop2	Bush pepper	30 no	0.066	2772	2422	340	592
Livestock1	Desi Dwarf	1	2251	33500	18500	>100	>100
Other enterprise (Specify)	Stingless bee	5no	2 colonies	4000	2500	>100	>100
<b>Total</b>				<b>371672</b>	<b>289522</b>		<b>133</b>

**Brief:** The farmer used to get annual income of Rs.124400/- from coconut, spices etc. He faced problems like low land utilization, underutilization of available resources, pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated farming systems, pest and disease management, crop management etc., he is getting annual income of Rs.289522/-.



Mr Babu and sister managing bush pepper plants



Mr Babu sharing his experiences with farmers



**Name of farmer: Subramaniyan R.D**  
**Address: Reshmi, Kalavoor. P.O., Mararikkulam South, Alappuzha**  
**Age: 65**  
**Education: Degree**  
**Size of landholding (in acre): 1.5 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	Coconut	0.5	6500	103500	53500
Hort.Crop1	Turmeric	0.1	6	8000	1600
Hortcrop2	Banana	0.2	4.5	7000	8750
Total				<b>118500</b>	<b>63850</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
Field Crop 1	Coconut	0.5	11000	170000	116000	100	117
Hort.Crop1	Turmeric	0.3	24	48000	18000	300	1025
Hortcrop2	Banana	0.2	6	24000	16500	33	89
Total				<b>242000</b>	<b>150500</b>		<b>136</b>

**Brief:** The farmer used to get annual income of Rs.63850/- from coconut, banana, turmeric etc. He faced problems like low productivity due to pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated crop management and expansion of intercrops, he is getting annual income of Rs.150500/-.



Soil sample collection for INM of crops



Introduction of pulses to rice fallows



**Name of farmer:** Asharaf  
**Address:** Punnatharayil house, Thamarakkualam  
**Age:** 43  
**Education:** Plus two  
**Size of landholding (in acre):** 3 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	4	58	139200	67200
Total				<b>139200</b>	<b>67200</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	Paddy	23	356	996800	596800	513	788
Other enterprise (Specify)	Fish	0.16	2	50000	25000	>100	>100
Total				<b>1046800</b>	<b>621800</b>		<b>825</b>

**Brief:** The farmer used to get annual income of Rs.67200/- from paddy. He faced problems like pest and disease problems, nutritional imbalance, underutilization of resources etc. With DFI interventions like integrated crop management, constant field advisories, introduction of fisheries and facilitating marketing linkage, he is getting annual income of Rs.621800/-.



ICM in paddy with technical support of KVK



With a good harvest of paddy



**Name of farmer: Reghuprasad**  
**Address: Karampurathu, Vettiyar, Thazhakkara**  
**Age: 59**  
**Education: SSLC**  
**Size of landholding (in acre): 2 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Rubber	1.25	12.6	103500	75500
Hort.Crop1	Banana	0.5	34	119000	49000
Hort.Crop2	Cucumber	0.3	15.9	15900	9900
Total				<b>238400</b>	<b>134400</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
Field Crop 1	Rubber	1.25	12.6	151200	121200	10	61
Hort.Crop1	Banana	1	58.5	263250	119250	72	143
Hort.Crop1	Cucumber	0.7	37.5	45000	35000	135	254
Other enterprise (Specify)	Beekeeping	5	2.51	800	500	>100	>100
Total				<b>460250</b>	<b>275950</b>		<b>105</b>

**Brief:** The farmer used to get annual income of Rs.134400/- from rubber, banana, vegetables etc. He faced problems like pest incidence, lower source utilization, nutritional imbalance, low price of produce etc. With DFI interventions like integrated crop management, introduction of apiculture, and facilitating marketing linkage he is getting annual income of Rs.275950/-.



Introduction of Scientific bee keeping



Scientific Banana cultivation



**Name of farmer: Shiji Samu**  
**Address: SS Cottage, Vettiyar, Thazhakkara**  
**Age: 49**  
**Education: SSLC**  
**Size of landholding (in acre): 2.75 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	0.6	8.5	18700	8200
Field Crop 2	Rubber	0.75	20	160000	125000
Field crop3	Tubers	0.25	3	9000	6000
Livestock1	Dairy	3	1200	42000	6000
Total				229700	145200

### 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	Paddy	1	15	42000	20000	77	144
Field Crop 2	Rubber	0.75	23	276000	238500	15	90.00
Field crop3	Tubers	0.25	4	12000	8500	33	42
Hort.Crop1	Banana	0.1	7.82	31280	16280	84	104
Livestock1	Dairy	3	1700	68000	28000	41.00	366.67
Other enterprise (Specify)	Aquaculture	0.05	0.5	12500	1700	>100	>100
Total				<b>441780</b>	<b>312980</b>		<b>116</b>

**Brief:** The farmer used to get annual income of Rs.145200/- from paddy, rubber, tubers, dairy etc. She faced problems like low land utilization, underutilization of available resources, pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated crop management, introduction of banana and aquaculture, she is getting annual income of Rs.312980/-.



Mrs. Shiji Samu in her dairy unit and tuber crop field



**Name of farmer: Suresh Kumar**

**Address: Nediyaarayil, Chunakkara South, Charumoodu**

**Age: 46**

**Education: SSLC**

**Size of landholding (in acre): 1.35**

### 1) 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.Crop1	Coconut	0.5ac (40Nos)	800nuts	16000	4000
Hort.Crop2	Betel vine	0.2ac	1400bundle	56000	36000
Livestock1	Fodder	0.05ac	30 q	9000	3000
Livestock2	Dairy	2 Nos	5400lit.	195570	77420
Fisheries1	Fish	0.02ac	0.25q	5000	2120
Total				281570	122540

### 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.Crop1	Coconut	0.5ac (40Nos)	1200nuts	30000	14000	50	250
Hort.Crop1	Betel vine	0.3ac	3800bundle	152000	101000	80.95	180.56
Livestock1	Fodder	0.3ac	180q	54000	18000	500	500
Livestock2	Dairy	4 Nos	12000lit.	493140	178840	122	131
Livestock3	Goatery	6 Nos	10 kids	65300	28560	>100	>100
Livestock4	Poultry	50 Nos	12775eggs	89425	39238	>100	>100
Livestock5	Duck	25 Nos	6570eggs	65700	31481	>100	>100
Fisheries1	Fish	0.05ac	0.875q	17500	7420	40.00	250
Total				<b>967065</b>	<b>418539</b>		<b>241.55</b>

**Brief:** The farmer used to get annual net income of Rs.122540/- from Coconut, Betelvine, Dairy and poultry. He faced problems like low productivity, pests and diseases in crops and animals. With DFI interventions like expansion of IFS & cropping area, and scientific management he is getting annual net income of Rs 418539/-



Expansion of Betelvine and Fodder crop area



Addition of Poultry & goatery units





**Name of farmer: Mrs. Indira Ravindran**

**Address: Puthukerithara (H), Anaprambal North – P.O., Thalavady**

**Age: 56 yrs**

**Education: Higher Secondary/12<sup>th</sup>**

**Size of landholding (in acre): 3.22**

### 1) Before Intervention

Component 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	3	69 Q	165600	69600
Hort.Crop1	Coconut	0.2(10no)	320nuts	4800	2300
Hort.Crop2	Cassava	0.05	1.1Q	2250	2050
Total				172650	73950

### 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	Paddy	3	74 Q	205800	105300	7	51
Hort.Crop1	Coconut	0.2(10no)	400nuts	8000	4500	25	95
Hort.Crop2	Cassava	0.05	2 Q	4000	3750	78	83
Hort.Crop3	Veg Cowpea	0.05	7.5Q	45000	35000	>100	>100
Livestock1							
Total				<b>262800</b>	<b>148550</b>		<b>101</b>

**Brief:** The farmer used to get an annual net income of Rs.73950/- from Paddy, Coconut, tubers, etc. She faced problems like low productivity, pests & diseases etc. With DFI interventions like soil test based ICM in all the crops and introduction of veg cowpea, she is getting annual net income of Rs.148550/-



ICM in Paddy



Cowpea cultivation using Compost from aquatic weeds



Name of farmer: Sarngadharan

Address: Kumar Nivas, Thamallakkal, Kumarapuram

Age: 55

Education: ITI

Size of landholding (in acre): 0.50

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25(10palms)	500nuts	10000	6700
Total				<b>10000</b>	<b>6700</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
Other enterprise (Specify)	Coconut products		4.5q	135000	72500	>100	>100
Total				<b>135000</b>	<b>72500</b>		<b>982</b>

**Brief:** The farmer used to get a low annual net income of Rs.6700/- from Coconut. With DFI interventions like Value addition of coconut, he is getting annual net income of Rs.72500/-.



Packing of products



Value added Coconut products



**Name of farmer: Viji Gopal**

**Address: AVS Food Products, Near Janakeeya Hotel, Pathirappilly, Alappuzha**

**Age: 39**

**Education: Diploma**

**Size of landholding (in acre): 0.05**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Other enterprise (Specify)	Food processing		1.2Q	57600	30600
<b>Total</b>				<b>57600</b>	<b>30600</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
Other enterprise (Specify)	Food processing		4 .6q	184000	105000	283	243
<b>Total</b>				<b>184000</b>	<b>105000</b>		<b>243</b>

**Brief:** The farmer used to get annual net income of Rs.30600/- from small scale food processing. With DFI interventions like capacity building for value addition of jack fruit, seasonal fruits and vegetables, she expanded her activities and is getting annual net income of Rs.105000/-.



Drying of fruits



Products displayed at her shop



**Name of farmer: Smt. Radhamani**  
**Address: Aiswarya Nivas, Kalavoor-P.O. Mararikulam South**  
**Age: 73**  
**Education: Pre Degree/(+2)**  
**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period-2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.5acre(40)	1680nuts/year	25200	13200
Hort.Crop2	Banana	0.1acre(100)	700kg	21000	5000
Livestock1	Dairy	5	8400litre	2,89,500	49000
Livestock2	Poultry	15	1200eggs	7200	1000
Total				3,42,900	68,200

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort Crop1	Coconut	0.5acre(40)	2000nuts/year	46000	30000	19	127.27
Hort Crop2	Banana	0.15acre(150)	1050kg	43100	17600	50	252.00
Hort.Crop3	Tuber	5 cents	360kg	2880	500	>100	>100
Hort.Crop4	Vegetables	2 cents	120kg	6400	3600	>100	>100
Livestock1	Dairy	8	17850litre	8,09,700	3,39,200	112	592.24
Other enterprise (Specify)	Poultry	50	6000eggs	36000	3600	400	260.00
Total				<b>9,44,080</b>	<b>3,94,500</b>		<b>478</b>

**Brief:** The farmer used to get annual net income of Rs.68,200/- from Coconut, Banana, Dairy & Poultry. She faced problems like FMD, Mastitis etc. With DFI interventions like disease management in Dairy, and IFS components like Tubers, Vegetables, duck & fish etc., she is getting annual net income of Rs3,94,500/-



Dairy unit



Vegetable production & duck & fish units





**Name of farmer: Manju Xavier**  
**Address: Peedikayil (H), Muttar- P.O.**  
**Age: 44**  
**Education: Higher Secondary**  
**Size of landholding (in acre): 0.68**

### 1) Before Intervention

Component 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	0.5acre	12Q	35000	29000
Total				<b>35000</b>	<b>29000</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	Paddy	0.5acre	12Q	35000	29000	0	0
Other enterprise (Specify)	Mushroom	1 unit	2.25Q	112500	72500	>100	>100
Total				<b>147500</b>	<b>101500</b>		<b>250</b>

**Brief:** The farmer used to get annual net income of Rs.29000/-from paddy cultivation. She realized the potential of utilization of paddy straw through DFI interventions of KVK on mushroom production, and she is getting annual net income of Rs.101500/-now.



Management of mushroom beds



Mushroom harvesting





**Name of farmer: Mrs. Sreekala**  
**Address: Puthussereth House, Koippallikarazhma-P.O., Chettikulangara**  
**Age: 54**  
**Education: Pre Degree/+2**  
**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25	960nutsperyear	19200	13200
Hort.Crop2	Banana	0.10	2.4q	14450	5450
Total				<b>33650</b>	<b>18650</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.Crop1	Coconut	0.25	960nutsper year	19200	13200	0	0
Hort.Crop2	Banana	0.10	2.4q	14450	5450	0	0
Other enterprise (Specify)	Coconut and Banana based products		2quintal products/	120000	75000	>100	>100
Total				<b>120000</b>	<b>75000</b>		<b>302</b>

**Brief:** The farmer used to get annual net income of Rs.18650/-from coconuts, banana etc. She faced problems like low market price. With DFI interventions like Value addition of produces, she is getting annual net income of Rs 75000/-.



Packing of Value added products



Value added products from coconuts



**Name of farmer: Jagadamma R**  
**Address: W/o Anirudhan, Anoop Bhavanam,**  
**Peroorkarazhma, Charummoodu PO, Alappuzha**  
**Age: 62**  
**Education: SSLC**  
**Size of landholding (in acre): 0.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25(20nos)	640nos	9600	5600
Hort.Crop2	Vegetables	0.2	10 q	25000	10500
Hort.Crop3	Banana	0.3(300nos)	18 q	63000	22500
Total				<b>97600</b>	<b>38600</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.Crop1	Coconut	0.25(20nos)	1200nos	27600	17600	88	214.2
Hort.Crop2	Vegetables	0.2	12 q	33600	21200	20	101.9
Hort Crop3	Turmeric	0.1	5.6q	16800	7000	>100	>100
Hortcrop4	Banana	0.5(500nos)	37.5q	187500	105000	108.30	366.66
Total				<b>265500</b>	<b>150800</b>		<b>291</b>

**Brief:** The farmer used to get annual net income of Rs.38600/-from Coconut, vegetables, Banana etc. She faced problems like low yield, pests etc. With DFI interventions like turmeric cultivation and scientific management practices of crops, she is getting annual net income of Rs. 150800/-



KVK intervention on Turmeric



Income generating activity



**Name of farmer: Prabhakara kurup**  
**Address: Naduvilethu, Kudassanadu, Alappuzha**  
**Age: 65**  
**Education: PDC**  
**Size of landholding (in acre): 2 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Cassava	0.2	6Q	6000	4000
Hort.Crop1	Coconut	8no.	336no.	7390	4590
Hort.Crop2	Turmeric	0.25	27.5Q	82500	38000
Hort.Crop3	Banana	0.3	20Q	60000	22000
Other enterprise (Specify)	Betelvine	0.1	500bundle	20000	10000
Total				<b>175890</b>	<b>78590</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	Cassava	0.2	7Q	10500	7500	17	88
Hort.Crop1	Coconut	8no	480no.	12000	8000	43	75
Hort.Crop2	Turmeric	0.3	36Q	126000	73500	31	84
Hort.Crop 3	Banana	0.3	25.2Q	88200	37800	26	68
Other enterprise (Specify)	Betelvine	0.1	1100bundle	44000	31000	120	210
Total				<b>280700</b>	<b>157800</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 78590/- from cassava, coconut, turmeric, banana, betelvine etc. He faced problems like pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated crop management practices through field visits and help line support, and linking markets etc., he is getting annual income of Rs. 157800/-.



Crop failure due to poor management



Good crop establishment after regular agro advisories



**Name of farmer: Mr. Ravi R.**

**Address: 'Resmi', Vettiyar- P.O., Thazhakkara**

**Age: 58 yrs**

**Education: High School/10th**

**Size of landholding (in acre): 0.25 (+0.5 on lease)**

### 1) 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.Crop1	Coconut	0.25(12no)	480nuts/yr	9000	5000
Hort.Crop2	Snake gourd	0.25acre	16.3Q	32500	10000
Hort.Crop3	Veg Cowpea	0.25acre	17.5Q	70000	47500
Total				79000	62500

### 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.Crop1	Coconut	0.25(12no)	600nuts/yr	18050	12050	25.0	123
Hort.Crop2	Banana	0.05(20no)	1.8Q	5400	1800	>100	>100
Hort.Crop3	Snake gourd	0.25acre	20.0Q	50000	22500	21.4	125
Hort.Crop4	Veg Cowpea	0.25acre	21.3Q	116875	89375	21.71	88
Total				<b>190325</b>	<b>125725</b>		<b>101.2</b>

**Brief:** The farmer used to get annual net income of Rs. 62500/- from coconut, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in major crops and banana, he is getting annual net income of Rs 125725/-



Vegetable plot



FLD- Soil test based ICM in snake gourd



**Name of farmer: Leena Rani. G**

**Address: Sasthavilas, Peringala, Chettikulangara**

**Age: 57**

**Education: B.Com**

**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sesamum	0.75	0.48	12000	6000
Hort.Crop1	Turmeric	0.3	1.2	5600	1600
Hort.Crop2	Coconut	0.4	300nos	7500	2100
Other enterprise (Specify)	Mushroom	1 unit	8q	280000	172000
Other enterprise (Specify)	Mushroom spawn	1 unit	9q	120000	54000
Total				385100	235700

### 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.Crop1	Coconut	25nos	400	9000	2750	33	31
Other enterprise (Specify)	Mushroom	2 units	14q	494200	303580	77	77
Other enterprise (Specify)	Mushroom spawn production	1 unit	24q	320000	176000	167	225.92
Total				<b>830800</b>	<b>482330</b>		<b>105</b>

**Brief:** The farmer used to get annual net income of Rs.235700/- from sesamum, coconut and mushroom cultivation. She faced problems like poor income during summer months and contamination in mushroom spawns. With DFI interventions like milky mushroom production and expansion of spawn production with hygienic practices, she is getting annual net income of Rs. 4,82,330/-.



Oyster mushroom unit



Spawn production unit



Milky Mushroom beds





**Name of farmer: Radhamani. K**  
**Address: Vrindavanam (H),**  
**Chettikulangara**  
**Age: 53**  
**Education: B.Com**  
**Size of landholding (in acre): 0.53**

### 1) 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.Crop1	Coconut	0.1(5nos)	150 nos	3300	750
Hort.Crop2	Jasmine	0.2acre	2.7Q	27000	12000
Hortcrop3	Betelvine	0.2acre	6400bundles	448000	64000
Other enterprise (Specify)	Mushroom	1 no.	2.5Q	87500	60500
<b>Total</b>				<b>629800</b>	<b>137250</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.Crop1	Coconut	0.08acre	1200	26400	21400	700	2753
Hort.Crop2	Jasmine	0.2acre	5.4Q	189000	149000	100	1141
Hort.Crop3	Betelvine	0.2acre	7000bundles	420000	140000	9.4	118
Other enterprise (Specify)	Mushroom	1no.	7.5Q	262500	162500	200	169
<b>Total</b>				<b>2481500</b>	<b>472900</b>		<b>244</b>

**Brief:** The farmer used to get annual net income of Rs.137250. She faced problems like poor yield in mushroom during summer months and leaf spot disease in betelvine. With DFI interventions like expansion of mushroom production unit and scientific management of jasmine and betelvine, she is getting annual net income of Rs.472900/-.



Mushroom unit



Mushroom harvesting



Jasmine unit



**Name of farmer: Liril Anand**

**Address: Puthenpura Padeettathill(H), Olakettiambalam P.O**

**Age: 42**

**Education: BBA**

**Size of landholding (in acre): 0.28**

### 1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.08(5nos)	200nuts	5000	3000
Total					3000

### 3) 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.Crop1	Coconut	0.08(5nos)	250nuts	7000	4000	25	33
Other enterprise (Specify)	Mushroom	1 unit	1.98Q	66080	24280	>100	>100
Total				<b>66080</b>	<b>24280</b>		<b>709</b>

**Brief:** Mr. Liril was an unemployed youth with agricultural background. With the DFI intervention of mushroom production, he is getting annual net income of Rs. 24280/-.



Management of mushroom beds



Mushroom harvesting



Name of farmer: Jaicy Achankunju

Address: Kuttiparichathil Thekkethil, Punnammood, Mavelikkara

Age: 41

Education: Pre- Degree, Diploma in Radiation Technology

Size of landholding (in acre): 0.14

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Vegetable seedlings	0.08 acre	60000	180000	109000
Other enterprise (Specify)	Mushroom	1 unit	1.2q	42000	25800
Other enterprise (Specify)	Compost	1 unit	16q	32000	27200
Total				254000	162000

### 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.Crop1	Vegetable seedlings	0.08acre	113000nos	340000	165000	88	51
Hort.Crop2	Bush pepper	-	5000nos.	450000	250000	>100	>100
Other enterprise (Specify)	Trichoderma enriched FYM		25q	62500	45000	>100	>100
	Compost	1 unit	16q	32000	27000	0	0
Total					<b>487000</b>		<b>200</b>

**Brief:** The farmer used to get annual net income of Rs.162000 from mushroom and vegetable seedling production. She had to abandon mushroom production because of high level of contamination. With DFI interventions like *Trichoderma* enriched organic manure production and scientific propagation of vegetable seedlings and bush pepper, she is getting annual net income of Rs. 487000/-.



Management of mushroom beds



Management of vegetable seedlings





**Name of farmer: Sudha**  
**Address: Vellanji Madom, Eramalloor P.O**  
**Age: 50**  
**Education: B.Sc**  
**Size of landholding (in acre): 0.18**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.09 acre	150	3750	2000
Total					2000

### 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.Crop1	Coconut	0.09acre	300nos.	8000	3500	100	75
Other enterprise (Specify)	Mushroom	1 unit	10Q	300000	140000	>100	>100
Other enterprise (Specify)	Mushroom spawn	1 unit	1Q	12000	6500	>100	>100
Total					<b>150000</b>		<b>740</b>

**Brief:** The farmer used to get an annual net income of Rs.2000 from the available coconut palms. She was unaware about any other income generating activity. With DFI interventions like mushroom production and mushroom spawn production, she is getting annual net income of Rs. 150000/-.



Mushroom production nit



Mushroom spawn production unit



**Name of farmer: Smt. Sheeba Sadique**  
**Address: Chempagappallil, Eruva**  
**Age: 45**  
**Education: Pre degree**  
**Size of landholding (in acre): 2.0**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production(Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.98(70)	1400nuts/year	25200	7700
Livestock1	Dairy	1	2400litre	98700	32700
Livestock2	Poultry	10	1100eggs	6600	500
Total				1,30,500	40,900

### 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.Crop1	Coconut	0.98(70)	2450nuts/year	49000	21000	75	172.00
Livestock1	Dairy	17	37960litre	17,21,820	7,44,820	1482	2177.0
Livestock2	Poultry	50	6800eggs	51000	5375	518	975.00
Total				<b>18,21,820</b>	<b>7,71,195</b>		<b>1785</b>

**Brief:** The farmer used to get annual income of Rs.40, 900 from Coconut, Dairy & Poultry. She faced problems like FMD, Mastitis in cattle and unutilization of land. With DFI interventions like scientific management of coconut, Dairy & Poultry and expansion of dairy units with fodder cultivation, she is getting annual income of Rs. 7,71,195/-



Poultry units



Dairy unit



**Name of farmer: Stanly Baby**  
**Address: Thottakkattu Parambil Thalavady PO**  
**Age: 40**  
**Education: Degree**  
**Size of landholding (in acre): 1 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period - 2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop1	Coconut	0.11 acre (8)	200nuts/year	3400	1000
Hort. Crop2	Banana	25 nos (0.025)	175kg	4688	688
Hort.Crop3	Vegetables	1 cent	90 kg	1170	420
Livestock1	Poultry	10birds	1825eggs	10950	3450
Other enterprise (Specify)	Fish	25 cents	50 kg	10000	3500
Total				30208	9058

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort Crop1	Coconut	8 palm(0.11)	400/yr	8800	5600	100.00	460.00
Hort Crop2	Banana	100nos(0.1)	1100kg	33000	13000	528.5	1789.0
Hort.Crop 3	Vegetable	2 cents	200 kgs	4000	2000	122.10	376.10
Livestock1	Dairy	2 Nos	5700litre	257650	124650	100	100
Livestock	Poultry	15 nos	2920eggs	20440	5384	6.66	56.05
Livestock	Goat	3 nos	6 kids/year	44600	13575	>100	>100
Other enterprises	Duck	40 nos	9125eggs	91250	20805	>100	>100
	Fish	70 cents	250kg	50000	31000	400	786
Total				<b>509740</b>	<b>216014</b>		<b>2285</b>

**Brief:** The farmer used to get annual net income of Rs.9058/- from Coconut, Banana, Fish & Poultry etc. He faced problems like Lower yield in all crops. With DFI interventions like scientific integrated management of Banana, Coconut, Dairy, goat, Vegetables, duck & fish etc., he is getting annual net income of Rs. 2,16,014/-.



duck &amp; fish

Portable Incubator

Dairy unit



**Name of farmer: KC Bhaskaran**  
**Address: Kaleekkatharayil Chettikulangara.**  
**Age: 78**  
**Education: 8<sup>th</sup>**  
**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period-2016-17)			
Components	Name	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	1 acre	25 qtl	46200	22200
Hort.Crop1	Coconut	13 palms	390nuts/year	7020	3120
Hort.Crop2	Turmeric	2 cents	50 kg	1500	500
Hort.Crop3	Tapioca	40 plants	100kg	800	300
Hort.Crop4	Vegetable	1 cent	80 kg	1600	650
Total				<b>57120</b>	<b>26770</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area(A cre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy(Lease)	2 acres	60 qtl	150000	100000	140	350.45
Field Crop 2	Sesamum(Lease)	2 acres	240kgs	16900	11700	>100	>100
Hort.Crop1	Coconut	0.18(13)	845nuts/yr	60000	29000	117	829.50
Hort.Crop2	Turmeric	10 cents	500kgs	15000	5000	900	900
Hort.Crop3	Vegetable	13 cents	640kgs	19200	6200	700	853.80
Livestock1	Dairy(ND)	2 cows	780lit	69700	25900	>100	>100
Livestock	Poultry	60	14600	87600	32850	>100	>100
Others	Fishery	5 cents	120kgs	24000	9000	>100	>100
Total				<b>442400</b>	<b>219650</b>		<b>720</b>

**Brief:** The farmer used to get annual net income of Rs.26,770/- from Paddy, Coconut, Turmeric, Tapioca & vegetable etc. He faced problems of Pest and disease incidents and low yield. With DFI interventions like scientific management of Paddy, Sesamum, Coconut, Turmeric, Vegetable, Dairy(ND), Poultry and Fisheries, he is getting annual net income of Rs 2,19,650/-.



Sesamum

duck &amp; fish units

Feeding fish and cows



**Name of farmer: Kunjumon**  
**Address: Asha Bhavanam, Panavalli PO**  
**Age: 48**  
**Education: Pre Degree**  
**Size of landholding (in are): 0.75 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period-2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop1	Coconut	0.28(20)	480nuts/year	8640	2640
Hort.Crop2	Vegetable	2 cents	180 kgs	3600	2100
Livestock1	Dairy	2 NDcows	1050lit	74638	17513
Livestock2	goat	4	4 kids	18000	5800
Livestock3	Poultry	10	1460eggs	8760	1460
Livestock4	Duck	5	730eggs	6570	1095
Fisheries1	Fish	5 cents	150kg	22500	10500
<b>Total</b>				<b>142708</b>	<b>41108</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop1	Coconut	20 (0.28)	940nuts/yr	20680	12680	96	380.3
Hort.Crop2	Vegetable	5 cents	500kg	10000	5000	178	138.0
Livestock1	Dairy	2 ND	1200lit	187300	121600	14	594.3
Livestock2	Goat	11	12 kids	51000	18250	200	214.6
Livestock3	Poultry	15	3650eggs	25550	5018.75	150	243.75
Livestock4	Duck	20	4745eggs	47450	10950	550	900.00
Fisheries1	Fish	5 cents	175kg	26250	11250	17	7.14
Fisheries2	Biofloc	6 m dia	250kg	50000	5000	>100	>100
<b>Total</b>				<b>418230</b>	<b>189749</b>		<b>361</b>

**Brief:** The farmer used to get annual net income of Rs.41,108/- from Coconut, Vegetable, Dairy, Goat, Poultry, Duck and Fish etc. He faced problems like FMD and ephemeral fever in animals and disease incidence and low yield of crops. With DFI interventions like scientific and integrated management Coconut, vegetable, dairy, goat, poultry, duck, fish etc., he is getting annual net income of Rs. 1,89,749/-.



Bifloc and poultry



Goat and Vegetable production





**Name of farmer: SureshKumar**  
**Address: Thengayyathu, Vallikunnam-P.O.**  
**Age: 42**  
**Education: Diploma**  
**Size of landholding (in acre): 2.5 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period-2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop1	Coconut	0.84(60)	1560nuts/year	26520	8520
Field Crop 1	Paddy	1 acre	17.5q	36750	23750
Livestock1	Dairy	6	9600lit	360600	124000
Livestock2	Poultry	20	3650eggs	21900	4380
Total				445770	160650

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area(A cre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	productio n	income
Hort. Crop1	Coconut	0.84(60)	3240nuts/year	71280	47280	108	454.9
Field Crop 1	Paddy	1 acre	20 q	47000	30000	14	26.30
Livestock1	Dairy	10	24000	10,99,250	397750	150	220.7
Livestock2	Goat	12	20 kids	153400	72005	100	100
Livestock3	Poultry	60	16425eggs	114975	49275	350	1025.0
Livestock4	Duck	20	5110eggs	51100	23725	>100	>100
Fisheries	Fish	3 cents	175kg	35000	16000	>100	>100
Total				<b>15,72,005</b>	<b>6,36,035</b>		<b>296</b>

**Brief:** The farmer used to get annual net income of Rs.1,60,650/-from Coconut, Paddy, Dairy & Poultry etc. He faced problems like FMD, Mastitis in cattle etc. With DFI interventions like scientific integrated management of Coconut, Paddy, Dairy, Goat, Poultry, Duck, Fish and disease problems, he is getting annual net income of Rs 6,36,035/-.



Dairy unit



Poultry unit



Storage of Paddy straw



**Name of farmer: Mr. D. Sreekumar**  
**Address: 'Pandyantayath', Kallimel-P.O., Thazhakkara**  
**Age: 54 yrs**  
**Education: Higher Secondary/12<sup>th</sup>**  
**Size of landholding (in acre): 1.0**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.75(50nos)	2000nuts/yr	30000	15000
Hort.Crop2	Cassava	0.5acre	25 Q	37500	32500
Hort.Crop3	Banana	0.2acre(50nos)	4 Q	14000	4000
Total				<b>79000</b>	<b>51500</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.Crop1	Coconut	0.75(50nos)	2500nuts/yr	47500	22500	25	50
Hort.Crop2	Cassava	0.5acre	51.0Q	81600	70350	104	116
Hort.Crop3	Banana	0.2acre(50nos)	5 Q	21500	10750	25	168
Total				<b>150600</b>	<b>103600</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs.51500/- from coconut, cassava, banana etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops, he is getting annual net income of Rs 103600/-



Soil test based CF package in Cassava



Enhanced yield in Cassava



**Name of farmer: Mr. Muralidharan Pillai**  
**Address: 'Viji Bhavanam', Vettiyar- P.O., Thazhakkara**  
**Age: 63 yrs**  
**Education: High School/10th Size**  
**of land holding (in acre): 0.52**

### 1) 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.Crop1	Coconut	0.5(30nos)	1200nuts/yr	18000	9000
Hort.Crop2	Cassava	0.2acre	17.5Q	24500	21000
Hort.Crop3	Snake gourd	0.25acre	16.2Q	30875	9625
Total				<b>73375</b>	<b>39,625</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.Crop1	Coconut	0.5(30nos)	1500nuts/yr	28500	15000	25.0	66
Hort.Crop2	Cassava	0.2acre	27.2Q	43520	37520	55.4	78
Hort.Crop3	Snake gourd	0.25acre	21.3Q	53125	26875	31.48	179
				<b>125145</b>	<b>79,395</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs.39,625/- from coconut, tubers, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops, he is getting annual net income of Rs.79,395/-



Snake gourd plot



Soil test based ICM in snake gourd



**Name of farmer:** Mr. Mohanan  
**Address:** 'Nidhinbhavanam', Vettiyar– P.O.,  
 Thazhakkara  
**Age:** 50 yrs  
**Education:** High School/10th  
**Size of landholding (in acre):** 0.25 (+0.5 on lease)

### 1) 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.Crop1	Coconut	0.25(11no)	440nuts/yr	6600	3850
Hort.Crop2	Cassava	0.25acre	19.8Q	25675	21500
Hort.Crop3	Veg Cowpea	0.25acre	16.3Q	81250	58750
Total				<b>113525</b>	<b>84,100</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.Crop1	Coconut	0.25(11no)	550nuts/yr	10450	5775	25	50
Hort.Crop2	Cassava	0.25acre	35Q	59500	52500	77	143
Hort.Crop3	Veg Cowpea	0.25acre	22.5Q	135000	110000	39	87
Total				<b>204950</b>	<b>1,68,275</b>		<b>100</b>

**Brief:** The farmer used to get annual net income of Rs.84, 100 from coconut, cassava, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all crops, he is getting annual net income of Rs 168275/-



Cassava plot



Soil test based CF usage in Cassava



**Name of farmer: Sankara Pillai V**  
**Address: S/o Vasu Pillai, Putherethu House,**  
**Erezha North, Chettikulangara PO, Alappuzha**  
**Age: 60**  
**Education: Diploma**  
**Size of landholding (in acre): 0.75**

### 1) Before Intervention

Component Description		Benchmark (Baseline period-2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.25(14nos)	420nos	6720	1680
Hort.Crop2	Ginger	0.02	1.2q	7200	4500
Hort.Crop3	Tubers	0.02	2.4q	2400	1360
Total				16320	6680

### 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.Crop1	Coconut	0.25(14nos)	700nos	12600	7250	67	331.50
Hort.Crop2	Ginger	0.02	1.5	9000	6000	25	33
Hort.Crop3	Turmeric	0.02	1.6	6400	4800	100	252.90
Hort.Crop4	Tuber	0.05	10	10000	6000	316.6	341
Total				<b>38000</b>	<b>24080</b>		<b>261</b>

**Brief:** The farmer used to get annual net income of Rs.6680/- from Coconut, tubers, ginger etc. He faced problems like low yield, pests etc. With DFI interventions like turmeric and scientific cultivation practices, he is getting annual net income of Rs.24080/-



KVK intervention on Turmeric



Income generating activity



**Name of farmer:** Sarojini Amma  
**Address:** Chettikulangara PO, Alappuzha  
**Age:** 60  
**Education:** Secondary  
**Size of landholding (in acre):** 0.5 (own), 1 (leased)

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field	Sesamum	1.0	0.9q	24750	7250
Hort.Crop1	Vegetable	0.25	10 q	37500	12500
Hort.Crop2	Coconut	0.25(10nos)	560nos	8960	6560
Total				71210	26310

### 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
Field Crop 1	Sesamum	1.0	1.75q	48125	27625	94	281
Hort.Crop1	Coconut	0.25(10nos)	800nos	14400	11000	43	68
Hort.Crop2	Vegetable	0.25	15 q	43750	18750	50	50
Hort. Crop3	Turmeric	0.02	1.6q	6400	3900	>100	>100
Total				<b>106425</b>	<b>61275</b>		<b>109</b>

**Brief:** The farmer used to get annual net income of Rs.26,310/- from Coconut, vegetables, sesamum etc. She faced problems like low yield, pests etc. With DFI interventions like turmeric and scientific cultivation practices, she is getting annual net income of Rs. 61275/-



KVK intervention on sesamum



Income generating activity



**Name of farmer: Roy C**

**Address: BincyBhavanam, Thekkekara, Alappuzha**

**Age: 46**

**Education: SSLC**

**Size of landholding (in acre): 0.3 (own), 5acre (leased)**

### 1) Before Intervention

Component 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	5	90	211500	49000
Hort.Crop1	Coconut	0.30(20nos)	640nos	10240	5040
Total				<b>221740</b>	<b>54040</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 2	Paddy	5	128.5	301975	139475	43	185
Hort.Crop1	Coconut	0.30(20 nos)	800nos	12800	7600	25	51
Total				<b>314775</b>	<b>147075</b>		<b>172</b>

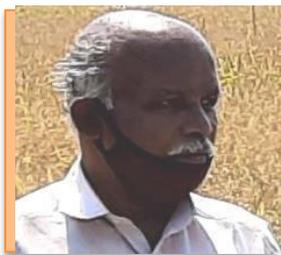
**Brief:** The farmer used to get annual net income of Rs.54040/-from Coconut and paddy. He faced problems like low yield, water logging, pests etc. With DFI interventions like High yielding paddy variety and scientific cultivation practices, he is getting annual net income of Rs. 147075/-



KVK intervention on Paddy



Income generating activity



**Name of farmer:** Surendran K  
**Address:** Surya Bhavanam, Pallickal East  
 PO, Thekkekara, Mavelikkara  
**Age:** 58  
**Education:** SSLC  
**Size of landholding (in acre):** 2.0 (own), 1.5 acre (leased)

### 1) Before Intervention

Component 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	3	63.3	148050	32550
Hort. Crop 1	Coconut	0.50(30nos)	1440nos	23040	11640
<b>Total</b>				<b>126900</b>	<b>44190</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	Paddy	3	80.1	188235	72735	27	123
Field x Crop 2	Coconut	0.50(30nos)	1920nos	34560	22560	33	94
Hort. Crop 1	Turmeric	0.02	1.25	5000	2900	>100	>100
<b>Total</b>				<b>227795</b>	<b>98195</b>		<b>122</b>

**Brief:** The farmer used to get annual net income of Rs.44190/- from Coconut and paddy. He faced problems like low yield, water logging, pests etc. With DFI interventions like High yielding paddy variety, turmeric and scientific cultivation practices, he is getting annual net income of Rs. 98195/-



KVK intervention on Paddy



High yielding short duration paddy variety



**Name of farmer: Radhakrishna Pillai G**  
**Address: S/o Gopala Pillai, Sreekrishna Bhavanam,**  
**Vallikunnam PO, Alappuzha**  
**Age: 62**  
**Education: Degree**  
**Size of land holding (in acre): 2.0**

### 1) Before Intervention

Component Description		Benchmark( Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	2 (80nos)	3840nos	61440	32640
Hort.Crop2	Cassava	0.5	64	60000	40000
Hort.Crop3	Banana	1	65	195000	35000
Hort.Crop4	Ginger	0.05	4	24000	14000
Total				340440	121640

### 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	Coconut	2 (80nos)	4480	80640	50240	17	54
Hort.Crop1	Cassava	0.5	80	104000	60000	25	50
Hort.Crop2	Banana	1	85	280000	112500	31	222
Hort. Crop3	Ginger	0.1	8	48000	23000	100	64
Hort. Crop4	Turmeric	0.05	4.5	13500	7500	>100	>100
Total				<b>526140</b>	<b>253240</b>		<b>108</b>

**Brief:** The farmer used to get annual net income of Rs.121640/- from Coconut, Banana, Cassava and Ginger. He faced problems like low yield, low price, pests etc. With DFI interventions like High yielding turmeric and scientific cultivation practices in all crops, he is getting annual net income of Rs.253240/-



KVK intervention on Turmeric



Income generating activity



**Name of farmer: Radhamma Rajappan**  
**Address: Raja Bhavanam, Varenickal, Mavelikkara**  
**Age: 67**  
**Education: SSLC**  
**Size of landholding (in acre): 1 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	Tubers	0.1	0.8	2400	400
Hort.Crop1	Banana	0.1	3.0	12000	2000
Hort.Crop2	Turmeric	0.2	12	24000	4000
Total				<b>38400.00</b>	<b>6400</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	Tubers	0.25	1.0	3000	1000	25	150
Field Crop 2	Banana	0.1	4.2	21000	10200	40	410
Hort.Crop1	Turmeric	0.20	18.4	55200	10700	53	168
Total				<b>79200</b>	<b>21900</b>		<b>242.2</b>

**Brief:** The lady farmer used to get annual income of Rs.6400/- from tuber crops, turmeric, etc. She faced problems like pest and disease problems, low productivity, nutritional imbalance etc. With DFI interventions like HYVs, technology support through field visits and helpline, and linking markets, she is getting annual income of Rs. 21900/-.



KVK intervention through FLD



A good yield from turmeric var. Pragati



**Name of farmer: Sivadasan Pillai**  
**Address: Anjali, Chunakkara, Alappuzha**  
**Age: 57**  
**Education: SSLC**  
**Size of land holding (in acre): 2 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	5	60	162000	52000
Field Crop 2	Yard long bean	0.25	8	32000	21000
Hort.Crop1	Cucumber	0.15	4.25	8500	1000
Total				<b>202500</b>	<b>74000</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	Paddy	25 (leased in)	360	972000	372000	500	615
Field Crop 2	Yard long bean	0.25	9	45000	30000	13	43
Hort.Crop1	Cucumber	0.15	5	15000	5000	17	400
Total				<b>1032000</b>	<b>407000</b>		<b>450</b>

**Brief:** The farmer used to get annual income of Rs.74000/- from paddy, vegetables etc. He faced problems like high labour cost, shortage of labour, pest and disease problems, nutritional imbalance etc. With DFI interventions like introduction of scientific crop management practices and linking markets etc., he is getting annual income of Rs. 407000/-.



Interaction with KVK experts and farmers



Mechanized paddy harvesting to reduce cost and labour



**Name of farmer: Mrs. Mariamma John**

**Address: Madathilparambil, Punnmoodu-P.O.,  
Mavelikkara**

**Age: 62**

**Education: Pre Degree, General Nursing**

**Size of landholding (in acre): 1.25**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.20(5no.s)	375nutsperyear	7500	5325
Total				7500	5325

### 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.Crop1	Coconut	0.20	375nutsperyear	7500	5325	0	0
Other enterprise (Specify)	Coconut based products		3quintal products/	142500	79675	>100	>100
Total				<b>150000</b>	<b>85000</b>		<b>1496</b>

**Brief:** The farmer used to get annual net income of Rs.5325/- from 5 coconut palms. The farm income was meager due to low market price. With DFI interventions like Value addition of coconut (Own production and procured from other farmers), she is getting annual net income of Rs 85000/-.



Machineries for preparing Value added products



Value added products from coconuts



**Name of farmer: Mrs. Remadevi Kottoor**

**Address: Vathikulam-P.O., Thekkekkara**

**Age: 54**

**Education: Degree**

**Size of land holding (in acre): 1.25 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.Crop1	Coconut	0.20	850nutsperyear	21250	16420
Hort.Crop2	Banana	0.15	2.1q	6820	3420
Total				28070	19840

### 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.Crop1	Coconut	0.20	850nutsper year				
Hort.Crop2	Banana	0.15	2.1q				
Other enterprise (Specify)	Coconut and Banana based products		3.5quintal products/year	181930	105160	>100	>100
Total				<b>181930</b>	<b>105160</b>		<b>430</b>

**Brief:** The farmer used to get annual net income of Rs.19840/- from coconuts, banana etc. She faced problems like low market price. With DFI interventions like Value addition of products, she is getting annual net income of Rs 105160/-.



Packing of Value added products



Value added products from coconut and banana



**Name of farmer: Mrs. Krishnakumari**

**Address: Puthukkattu Sreelekshmi, Kaitha North,  
Chettikulangara**

**Age: 60**

**Education: 10th**

**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.20	850nutsperyear	21250	15625
Hort.Crop2	Sesame	0.75	1.5q/year	45000	37500
Total				66250	53125

### 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.Crop1	Coconut	0.20	850nutsper year	21250	15625	0	0
Hort.Crop2	Sesame	0.75	1.5q	45000	37500	0	0
Other enterprise (Specify)	Coconut and Sesame based products		2.05quintal products/	78750	71875	>100	>100
Total				<b>145000</b>	<b>125000</b>		<b>135</b>

**Brief:** The farmer used to get annual net income of Rs.53125/- from coconuts, banana etc. She faced problems like low market price. With DFI interventions like Value addition of produce, she is getting annual net income of Rs 125000/-.



Sesame field



Value added products from coconuts



**Name of farmer: Mrs. Padmaja Radhakrishnan**

**Address: Praan Bhvan, Kareelakulangara**

**Age: 54**

**Education: Pre degree**

**Size of landholding (in acre): 15 cents**

### 1) 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.Crop1	Coconut	0.15(5palms)	350nuts/year	7000	5100
Total				<b>7000</b>	<b>5100</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.Crop1	Coconut	0.15(5 palms)	350nuts/year				
Other enterprise (Specify)	Coconut and rice based products		5.05quintal products/	155500	109900	>100	>100
Total				<b>155500</b>	<b>109900</b>		<b>2054</b>

Brief: The farmer used to get annual net income of Rs.5100/- from coconut palms. The farm income was meager due to low market price. With DFI interventions like Value addition of produce, she is getting annual net income of Rs 109900/-.



Preparation of Value added products



Value added products from coconuts



**Name of farmer: Mrs. Jayambika Rajappan**

**Address: Geethanjali, Nangyarkulangara, Haripad**

**Age: 52**

**Education: BAE economics**

**Size of land holding (in acre): 1.25 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.Crop1	Vegetables	0.20	1.5q	7500	5500
Hort.Crop2	Banana	0.25	3.1q	7750	3420
Total				15250	8920

### 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.Crop1	Coconut	0.20	1.5q			>100	>100
Hort.Crop2	Banana	0.25	3.1q	7750	3420	0	0
Other enterprise (Specify)	Coconut and Banana based products		2.5	109750	73080	>100	>100
Total				<b>109750</b>	<b>73080</b>		<b>719</b>

**Brief:** The farmer used to get annual net income of Rs.8920/- from vegetables, banana etc. She faced problems like low market price. With DFI interventions like Value addition of produces, she is getting annual net income of Rs. 73080/-.



Banana processing



Value added products of Banana



Name of farmer: Mr. Manoharan Unnithan

Address: 'Nilakaleth', Mankamkuzhi-P.O.,

Thazhakkara

Age: 70 yrs

Education: High School/10th

Size of landholding (in acre): 0.35 (+0.5 on lease)

### 1) 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.Crop1	Coconut	0.35 (20no)	800nuts/yr	12000	7000
Hort.Crop2	Snake gourd	0.25 acre	16.3Q	30875	9625
Hort.Crop3	Veg Cowpea	0.25 acre	17Q	76500	54000
Total				119375	70625

### 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.Crop1	Coconut	0.35(20no)	1000nuts/yr	19000	10500	25	50
Hort.Crop2	Snake gourd	0.25 acre	22.5Q	45000	22500	38.03	133.76
Hort.Crop3	Veg Cowpea	0.25 acre	22.5Q	135000	110000	32	103.70
Total				<b>199000</b>	<b>143000</b>		<b>103</b>

**Brief:** The farmer used to get an annual net income of Rs.70625/- from coconut, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops, he is getting annual net income of Rs 143000/-



Vegetable plot

FLD- Soil test based ICM in snake gourd



**Name of farmer: Mr. Ramachandran**  
**Address: 'Kottuvilayil', Vettiyar- P.O., Thazhakkara**  
**Age: 65 yrs**  
**Education: High School/10th**  
**Size of landholding (in acre): 0.25 (+0.5 on lease)**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2 016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.25(15nos)	600nuts/yr	9000	4500
Hort.Crop2	Cassava	0.2acre	17.5Q	24500	21000
Hort.Crop3	Snake gourd	0.25acre	16.2Q	29250	8000
Total				62750	33500

### 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.Crop1	Coconut	0.25(15nos)	750nuts/yr	14250	7500	25	66.67
Hort.Crop2	Cassava	0.2 acre	27.2Q	43520	37520	55	78.66
Hort.Crop3	Snake gourd	0.25 acre	21.3Q	44625	18375	31	129.68
Hort.Crop4	Banana	0.1(25nos)	2.4Q	9500	4125	>100	>100
Total				<b>111895</b>	<b>67520</b>		<b>102</b>

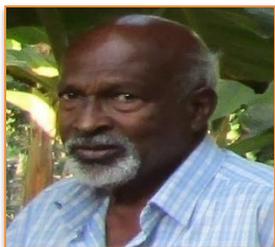
**Brief:** The farmer used to get annual net income of Rs.33500/- from coconut, tubers, vegetables etc. He faced problems like low productivity, pests & diseases etc. With DFI interventions like ICM in all the crops and banana, he is getting annual net income of Rs 67520/-



Soil test based CF use in Cassava



Snake gourd plot



**Name of farmer: Raghavan Nair**  
**Address: Raji Nivas, Charumoodu**  
**Age: 72**  
**Education: PDC**  
**Size of landholding (in acre): 1.0 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	Cassava	0.15	22.4	17920	11920
Hort.Crop1	Banana	0.5	21	84000	21000
Hort.Crop2	Turmeric	0.2	8	14400	4400
Livestock1	Poultry	5	900	5400	900
<b>Total</b>				<b>121720</b>	<b>38220</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	Cassava	0.2	39	39000	31000	74	160
Hort.Crop1	Banana	0.5	32	128000	56000	52	166
Hort.Crop2	Turmeric	0.5	32.5	65000	15000	306	240
Livestock1	Poultry	15	2700	18900	3900	200	333
<b>Total</b>				<b>250900</b>	<b>105900</b>		<b>117</b>

**Brief:** The farmer used to get annual income of Rs.38220/- from banana, tubers, turmeric, poultry etc. He faced problems like pest and disease problems, nutritional imbalance, low price etc. With DFI interventions like scientific integrated crop management practices, he is getting annual income of Rs. 105900/-.



Interaction with KVK experts in banana field



Pseudostem borer management in banana



**Name of farmer: Mrs. Sreeja S**  
**Address: Kailasam, Vallikunnam**  
**Age: 44**  
**Education: Postgraduate**  
**Size of landholding (in acre): 1**

### 1) 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.Crop1	Coconut	0.4	750nos.	18000	7500
Hort.Crop2	Orchid	1000 nos.	1000	30000	25000
Total				48000	32500

### 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.Crop1	Coconut	0.27	450nos.	12,500	2500	67	200
Hort.Crop2	Mushroom	1 unit	3.0q	105000	64500	>100	>100
Total				<b>117500</b>	<b>67000</b>		<b>106</b>

**Brief:** The farmer used to get annual net income of Rs.32500/- from coconut, and orchid. With DFI interventions on mushroom production she started a mushroom production unit, and getting an annual net income of Rs.67, 000/-.



Orchid unit



Management of mushroom beds



**Name of farmer: Mr. Jemsy Jose**  
**Address: Panireth, Vallikunnam**  
**Age: 31**  
**Education: Graduate**  
**Size of landholding (in acre): 0.7**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rubber	80nos.	0.8	8800	4800
Hort. Crop 1	Coconut	0.23acre	450	11000	4000
Total				<b>19800</b>	<b>8800</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	Rubber	80nos.	1q	16500	7500	25	56.25
Hort. Crop 1	Coconut	0.15acre	500nos.	10000	5000	70.37	25.0
Hort. Crop 2	Mushroom	1unit	5.0q	175000	107500	>100	>100
Total				<b>201500</b>	<b>120000</b>		<b>1263</b>

**Brief:** The farmer used to get annual net income of Rs.8800/- from coconut and rubber plantation. She faced the problem of unemployment. With DFI intervention on mushroom production, she started a self employment unit and getting an annual net income of Rs. 120000/-.



Preparation of mushroom beds



Hanging of mushroom beds



**Name of farmer: Sumangala**  
**Address: Valalkottui House, Mavelikkara**  
**Age: 67**  
**Education: SSLC**  
**Size of landholding (in acre): 0.14 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.)
Hort.Crop1	Banana	0.02acre	1.6q	6000	2000
Hort.Crop2	Amaranthus	0.03acre	0.2q	8000	5000
Hort.Crop3	Mushroom	1 unit	0.2q	13000	8000
Total				27000	15000

### 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
Hortcrop1	Banana	0.02acre	2q	9000	4000	25.00	100
Hort.Crop2	Amaranthus	0.05acre	5q	15000	12000	1400.00	140
Hort.Crop3	Turmeric	0.02acre	1q	3500	1500	>100	>100
Hort.Crop4	Tapioca	0.03acre	1q	2000	1200	>100	>100
Hort.Crop5	Garcinia	1no.	0.1q	5000	3300	>100	>100
Hort Crop6	Mushroom	1 unit	0.4q	16000	10500	100	31
Total				<b>50500</b>	<b>32500</b>		<b>116</b>

**Brief:** The farmer used to get annual net income of Rs.15000/- from banana and mushroom unit. With DFI intervention like expansion of mushroom unit and scientific cultivation of new crops, she is getting annual net income of Rs. 32500/-.



Amaranthus cultivation



Management of mushroom beds



Turmeric plot



**Name of farmer: Raveendran Pillai**  
**Address: Saidarshana, Vallikunnam**  
**Age: 67**  
**Education: Graduation**  
**Size of landholding (in acre): 0.3**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre) /Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Banana	0.02acre	1.6q	4800	2000
Hort.Crop2	Coconut	0.25acre	1200nos	25000	15000
Hort.Crop3	Green chillies	0.01acre	4 q	12000	5000
Total				41800	22000

### 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.Crop1	Banana	0.015acre	1.5q	4500	1500	25.00	-25.00
Hort.Crop2	Coconut	0.2acre	750 nos	18000	10000	60	-33.33
Hort.Crop3	Mushroom	1 unit	10 q	400000	250000	>100	>100
Total				<b>422500</b>	<b>261500</b>		<b>1088.64</b>

**Brief:** The farmer used to get annual net income of Rs.22000/- from horticulture crops. He faced problems like ageing and he wished to start an enterprise without much physical activity. With DFI interventions on mushroom production, he is getting annual net income of Rs. 261500/-.



Management of Banana plants



Management of mushroom beds



**Name of farmer: Nisha Bimal**  
**Address: Nallaveetill, Ala**  
**Age: 39**  
**Education: B.Sc., PGDCA**  
**Size of landholding (in acre): 1.5**

### 1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 2	Rubber	0.75acre	5 q	55000	25000
Hort.Crop1	Coconut	0.18acre	400 nos	8000	3500
Total				63000	28500

### 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	Paddy	1 acre	30 q	75000	35000	100	100
Field Crop 2	Rubber	170nos	7.9q	130000	85000	58.00	240.00
Hort.Crop1	Coconut	0.18acre	500nos	12500	6000	25	71
Other enterprise (Specify)	Mushroom	1 unit	1.25q	50000	30000	>100	>100
Total				<b>222500</b>	<b>156000</b>		<b>447</b>

**Brief:** The farmer used to get annual net income of Rs.28500/- from coconut and rubber cultivation. She faced a problem of unemployment and realized the under-utilization of land. With DFI interventions like mushroom production and paddy cultivation, she is getting an annual net income of Rs. 156000/-.



Grading harvested nuts



Mushroom harvesting



**Name of farmer: Lalitha. B**  
**Address: Kulanjiyil, Thazhakkara**  
**Age: 56 years**  
**Education: 7<sup>th</sup> Std.**  
**Size of land holding (in acre): 0.38 +0.67**

### 1) 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. Crop1	Banana	0.2	16 q	64000	24000
Hort.Crop2	Elephant Foot Yam	0.04	5 q	9000	5500
Livestock1	Dairy	3nos.	9000L	330570	151920
Total				403570	181420

### 3) 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. Crop1	Banana	0.35	35 q	175000	88000	119	266.67
Hort. Crop 2	Cowpea	0.6	1.5q	12800	7800	100	100
Hort. Crop 3	Elephant Foot Yam	0.1	1.5q	4500	2500	-88.00	-120
Hort.Crop4	Amaranthus	0.1	20 q	100000	70000	>100	>100
Hort.Crop5	Cabbage	0.05	0.5q	2000	1000	>100	>100
Livestock1	Dairy	3nos	9900L	402570	179320	10	18
Livestock2	Goatery	5nos.	5 kids/year	75285	16980	>100	>100
Total				<b>772155</b>	<b>365600</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs.181420/- from banana and dairy unit. With DFI interventions like use of high yielding and disease resistant varieties of crops and introduction of new crops and goatery, she is getting annual net income of Rs. 365600/-.



Banana with intercroops



Tuber and vegetable crops





**Name of farmer: Rajesh Kumar.A**  
**Address: Smitha Bhavan, Thazhakkara**  
**Age: 46 years**  
**Education: Pre Degree**  
**Size of land holding (in acre): 2 +0.6**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop1	Coconut	0.6	2400nos	48000	30000
Hort.Crop2	Snake gourd	0.3	18 q	27000	12000
Hort.Crop3	Cucumber	0.3	10 q	8000	4000
Hort. Crop4	Cowpea	0.3	11 q	27500	13500
Hort. Crop5	Betelvine	0.2	1.4q	14000	5000
Hort. Crop6	Banana	0.25	15 q	60000	15000
Total				<b>184500</b>	<b>79500</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. Crop1	Banana	0.2	16 q	112000	62000	6.6	313
Hort.Crop2	Snake gourd	0.2	16 q	64000	28000	33.33	133
Hort.Crop3	Cucumber	0.2	9 q	18000	10000	35.00	150
Hort.Crop4	Cowpea	0.25	16 q	96000	52000	74.55	285
Hort.Crop5	Betelvine	0.2	2.1q	27000	12000	50	140
Hort.Crop6	Tapioca	1.2	70 q	140000	8000	>100	>100
Hort. Crop7	Coconut	0.6	3000nos.	75000	25000	25	-20
Total				<b>532000</b>	<b>197000</b>		<b>148</b>

**Brief:** The farmer used to get annual net income of Rs.79500/- from coconut, banana and vegetable cultivation. He faced problems like low productivity and pests and diseases. With DFI interventions like scientific management, high yielding and disease resistant varieties he is getting annual net income of Rs. 197000/-.



Intercultural operation in banana



Harvesting betel leaves



**Name of farmer: Vipin V.S**  
**Address: Vazhaparambil, Pazhaveed, Alappuzha**  
**Age: 35 years**  
**Education: VHSE**  
**Size of landholding (in acre): 0.1**

### 1) 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. Crop1	Mushroom	1 unit	3.15q	126000	83000
Total				<b>126000</b>	<b>83000</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 Crop1	Mushroom	1 unit	6.75q	270000	170000	114	105
Total				<b>270000</b>	<b>170000</b>		<b>104.82</b>

**Brief:** The farmer used to get annual net income of Rs83,000/- from mushroom cultivation. He faced problems of pests including rodents. With DFI interventions on scientific management and expansion of the unit, he is getting annual net income of Rs.170000/-.



Harvesting Mushrooms



Mushroom packets ready for sale



Sale of products in supermarket



Name of farmer: Lathika Sali

Address: Panambukattuhouse, Perumpalam PO

Age: 43

Education: Pre Degree

Size of landholding (in acre): 0.50 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.25(10palms)	500nuts/year	10000	6700
Hort.Crop2	Banana	0.02	2 q	4000	2100
Total				14000	8800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Name	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort.Crop2	Banana	0.02	2 q	4000	2100	0	0
Other enterprise (Specify)	Coconut products		5.4q	155000	72500	>100	>100
Total				<b>159000</b>	<b>74600</b>		<b>748</b>

**Brief:** The farmer used to get annual net income of Rs.8800/-from coconut and banana which was very low. With DFI interventions like Value addition of coconut, she is getting annual net income of Rs. 74600/-



Preparation of coconut products



Diversified Coconut products for sale



**Effect of DFI intervention-78**

**Name of KVK: Alappuzha**

**Name of farmer: Bindu Sree Kumar**

**Address: Viswam, Kavumpad, Nooranad, Alappuzha**

**Age: 41**

**Education: Degree**

**Size of landholding (in acre): 0.10 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.)
Other enterprise (Specify)	Food processing		1.2q	27600	13400
<b>Total</b>				<b>27600</b>	<b>13400</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
Other enterprise(Specify)	Food processing		5.6q	141100	65000	366	385
<b>Total</b>				<b>141100</b>	<b>65000</b>		<b>385</b>

**Brief:** The farmer used to get annual net income of Rs.13400/-from small scale food processing which was very low. With DFI interventions like capacity building for value addition of jackfruit, seasonal fruits and preparation of bakery products, she is getting annual net income of Rs. 65000/-.



Preparation of bakery products



Products displayed at her shop



Name of farmer: Mrs. Susan Samuel

Address: Moozhikkulathu, Nangyarkulangra, Chingoly, Alappuzha

Age: 42

Education: Degree

Size of landholding (in acre): 1.25 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.Crop1	Coconut	0.25(15palms)	800nuts/year	16000	11000
Hort.Crop2	Banana	0.10	3.5q	8750	5100
Total				<b>24750</b>	<b>16100</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.Crop1	Coconut	0.25(15palms)	800nuts/year	16000	11000	0	0
Other enterprise (Specify)	Banana processing		4.2q	62500	31000	>100	>100
Total				<b>78500</b>	<b>42000</b>		<b>161</b>

**Brief:** The farmer used to get a very low annual net income of Rs.16,100/- from coconut and banana farming. With DFI interventions like capacity building for value addition of banana, seasonal fruits and vegetables, she is getting annual net income of Rs. 42,000/-.



Preparation of products



Products displayed at exhibition



Name of farmer: Sudhadevi

Address: Pavoorethukizhakkathil, Vattekkad, Vallikunnam

Age: 62

Education: Degree

Size of landholding (in acre): 1 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Name	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.20(12palms)	600nuts/year	12000	6500
Hort.Crop2	Banana	0.25	4.5q	11250	7200
Total				23250	13700

### 2) Status in 2020

Component Description		Period 2020-21				% increase over Base year	
Components	Name	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort.Crop1	Coconut	0.20(12palms)	600nuts/year	12000	6500	0	0
Other enterprise (Specify)	Banana processing		4.2q	112000	65000	>100	>100
Total				<b>124000</b>	<b>71500</b>		<b>422</b>

**Brief:** The farmer used to get a low annual net income of Rs.13,700/- from farming. With DFI interventions like capacity building for value addition of banana, seasonal fruits, coconut and vegetables, she is getting annual net income of Rs.71500/-.



Preparation of products



Products displayed at exhibition



Name of farmer Mr. Aneesh S. Cheppad

Address: Kalpakam Coconut products, Cheppad, Chingoly, Alappuzha

Age: 42

Education: Degree

Size of landholding (in acre): 0.15 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.)
Other enterprise (Specify)	Food processing		1.3q	54500	23500
Total				54500	23500

### 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
Other enterprise (Specify)	Coconut processing		4.6q	122000	75000	253	219
Total				<b>122000</b>	<b>75000</b>	<b>253</b>	<b>219</b>

**Brief:** The farmer used to get a low annual net income of Rs.23500/- from small scale food processing. With DFI interventions like capacity building for value addition of coconut, he is getting annual net income of Rs. 75000/-.



Packing of products



Products displayed at his shop



Name of farmer: K.R. Rajan

Address: Asarippambil house, Vaduthala Jetty PO Arookutty, Alappuzha

Age: 72

Education: Std 7

Size of landholding (in acre): 0.05 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.)
Other enterprise (Specify)	Coconut oil production		7.5q	142500	45000
Total				142500	45000

### 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
Other enterprise (Specify)	Value added products from Coconut and Jackfruit		10.6q	211000	109000	>100	>100
Total				<b>211000</b>	<b>109000</b>		<b>142</b>

**Brief:** The farmer used to get a low annual net income of Rs.45000/- from small scale coconut processing. With DFI interventions like capacity building for value addition of coconut and Jackfruit, he is getting annual net income of Rs.109000/-



Packing of products



Products displayed at exhibition



**Name of farmer: Mr. Rajeev. R**

**Address: Mahima Pickles, Aswathy Food Products, Chingoly, Alappuzha**

**Age: 42**

**Education: Degree**

**Size of landholding (in acre): 0.10 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.)
Other enterprise (Specify)	Food processing		1.3q	55600	26000
<b>Total</b>				<b>55600</b>	<b>26000</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
Other enterprise (Specify)	Food processing		5.6q	142000	96000	330	269
<b>Total</b>				<b>142000</b>	<b>96000</b>		<b>269</b>

**Brief:** The farmer used to get a low annual net income of Rs.26000/- from small scale food processing. With DFI interventions like capacity building for value addition of seasonal fruits and vegetables and pickle production, he is getting annual net income of Rs. 96000/-



Packing of products



Products displayed at his shop

**Name of farmer: Gopalakrishnan**  
**Address: Mattam North, Chettikulangara**  
**Age: 65**  
**Education: SSLC**  
**Size of landholding (in acre): 2.6 ac**

1)



Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	16 q	43200	26200
Hort.Crop1	Coconut	0.5ac (35Palm)	700Nuts	11200	2450
Hort.Crop2	Banana	0.5ac(500nos)	45 q	76500	11500
Livestock1	Poultry	10 Nos	1460eggs	8760	548
Total				<b>139660</b>	<b>40698</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	Sesamum	1 ac	1.4q	38500	23500	100	100
Field Crop 2	Paddy	1 ac	24 q	67200	49200	50	88
Hort.Crop1	Coconut	0.5ac (35palm)	1050nuts	26250	12250	50	400
Hort.Crop2	Banana	0.5ac	50 q	110000	25000	11	117
Livestock1	Dairy	1 No	900lit.	63975	53025	>100	>100
Livestock2	Duck	20 Nos	5475eggs	54750	31938	>100	>100
Fisheries	Fish	0.25ac	6 q	120000	72000	>100	>100
Total				<b>480675</b>	<b>266913</b>		<b>556</b>

**Brief:** The farmer used to get annual net income of Rs.40698/- from Paddy, coconut, banana and poultry. He faced problems like low productivity, mortality in poultry & fish. With DFI interventions like ICM in paddy, and coconut based IFS, he is getting annual net income of Rs 266913/-



Attending Skill training on Fish farming sponsored by NFDB



Duck and fish integrated farming unit



**Name of farmer: P.V. Joseph**

**Address: Muttathiparambu, Ayyappanchery, Cherthala**

**Age: 49**

**Education: HSC**

**Size of landholding (in acre): 0.75 ac**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Tuber crop	0.1ac	8 q	3200	400
Hort.Crop1	Coconut	0.42ac (30palm)	600nuts	13200	4200
Hort.Crop2	Poultry	15 nos	2555eggs	15330	3011
Livestock1	Fish	0.2ac	4 q	80000	22400
Total				111730	30011

### 2) Statusin2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crop	0.1ac	10 q	5000	1800	25	350
Hort.Crop1	Coconut	0.42ac(30palm)	840nuts	21000	9000	40	114
Livestock1	Duck	50 nos	14600eggs	146000	86688	>100	>100
Livestock2	Poultry	75 nos	21900eggs	153300	91706	757	2945
Fisheries	Fish	0.2ac	7.5q	150000	73200	100	227
Total				<b>475300</b>	<b>262394</b>		<b>774</b>

**Brief:** The farmer used to get annual net income of Rs.30011/-from coconut, tubercrop, poultry and fish. He faced problems like, pest and disease in crop and lower productivity from crops and livestock. With DFI interventions like coconut based IFS and ornamental fish farming, he is getting annual net income of Rs 262394/-



Vigova super M duck unit



Ornamental Fish farming unit



Integrated Duck & Fish farming



**Name of farmer: Kanakarajan**

**Address: Aiswarya, Muthukulam PO, Alappuzhadist**

**Age: 59**

**Education: Pre-degree**

**Size of landholding (in acre): 0.8ac**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tuber crop	0.05ac	4 q	1600	200
Hort.Crop1	Coconut	0.42ac(30palms)	600nuts	13200	4200
Fisheries1	Fish	0.20ac	2.5q	50000	16400
<b>Total</b>				<b>64800</b>	<b>20800</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.Crop1	Tuber crop	0.05ac	6 q	3000	1400	50	600
Hort.Crop2	Coconut	0.42ac(30palms)	900nuts	22500	10500	50	150
Hort.Crop3	Goat	4 nos	4 kids/year	41650	8640	>100	>100
Livestock1	Poultry	30 nos	8030eggs	56210	28835	>100	>100
Livestock2	Duck	30 nos	8760eggs	87600	46538	>100	>100
Livestock3	Fish	0.20ac	6 q	120000	69600	140	324
<b>Total</b>				<b>330960</b>	<b>165513</b>		<b>696</b>

**Brief:** The farmer used to get annual net income of Rs. 20800/- from tuber crop, coconut and fish farming. He faced problems like water logging in upland and low productivity of fish. With DFI interventions like Integrated Farming System, widening the fish pond and scientific management practices, he is getting annual net income of Rs165513/-



Tapioca crop



Mr. & Mrs. Kanakarajan harvesting fish

Name of farmer: V.K. Raveendran Nair

Address: Vrindavanam, Pallippuram PO, Cherthala

Age: 70

Education: Predegree

Size of landholding (in acre): 2.18 ac

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.85ac(60palm)	1320nuts	29040	11040
Hort.Crop2	Banana	0.5ac (500plants)	50 q	80000	10000
Hort.Crop3	Vegetable	0.25ac	15 q	22500	3750
Fisheries1	Fish	0.25ac	3q	45000	11400
Total				176540	36190

**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	Tuber crops	0.1ac	20 q	8000	5200	>100	>100
Hort.Crop1	Coconut	0.85ac(60palm)	1980nuts	49500	25500	50	131
Hort.Crop2	Banana	0.75ac(750nos)	97.5q	175500	25500	95	155
Livestock1	Vegetable	0.25ac	22.5q	40500	15500	50	313
Livestock2	Dairy	1 no	3000lit	120000	35975	>100	>100
Livestock3	Duck	30 nos	8030eggs	80300	41975	>100	>100
Fishery1	Fish	0.25ac	8 q	160000	109600	166.67	861
Total				<b>633800</b>	<b>259250</b>		<b>616</b>

**Brief:** The farmer used to get annual net income of Rs.36190/- from Coconut, Banana, Vegetables and Fish. He faced problems like lower total productivity and improper utilization of land. With DFI interventions like addition of Animal Husbandry components in IFS, he is getting annual net income of Rs 259250/-



KVK team visiting the banana plot



Dairy and Integrated Fish &amp; Duck farming unit





**Name of farmer: Shajahan**  
**Address: Parappungalputhuval, Arattupuzha**  
**Age: 46**  
**Education: Pre-degree**  
**Size of landholding (in acre): 0.5 ac**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.42ac(30Palms)	750nuts	16500	7500
Livestock1	Dairy	5 Nos	10800lit.	426825	37500
Livestock2	Duck	25 Nos	4015eggs	36135	6479
Livestock3	Poultry	20 Nos	2920eggs	20440	4015
Total				<b>499900</b>	<b>55494</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.Crop1	Coconut	0.42ac(30palms)	1050nuts	26250	14250	40	90
Livestock1	Dairy	8 Nos	15000lit.	616425	78175	39	108
Livestock2	Goat	11 Nos	12 kids	101840	29750	>100	>100
Livestock3	Poultry	35 Nos	9125eggs	63875	31938	213	695
Livestock4	Duck	76 Nos	21900eggs	219000	119720	445	2882
Total				<b>1027390</b>	<b>273833</b>		<b>393</b>

**Brief:** The farmer used to get annual net income of Rs.55494/- from coconut, dairy, duck and poultry. He faced problems like low productivity, and FMD outbreak in dairy animals. With DFI interventions like expansion of IFS, scientific management and proper vaccination of animals, he is getting annual net income of Rs 273833/-



Shajahan feeding dairy



Mr. & Mrs. Shajahan in goatarry and duckery units





**Name of farmer: Viswanathan**  
**Address: Pallippurathu, Pollethai, Alappuzha**  
**Age: 70**  
**Education: 8th**  
**Size of landholding (in acre): 2.25 ac**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	1 ac	24 q	64800	49800
Hort. Crop1	Coconut	0.58ac(41Palms)	1066Nuts	24518	12218
Hort. Crop2	Vegetable	0.3ac	19.5q	29250	6750
Livestock1	Dairy	2nos	5400lit.	209580	54780
Total				<b>328148</b>	<b>123548</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	Paddy	1 ac	29 q	81200	64200	21	29
Hort. Crop1	Coconut	0.58ac(41Palms)	1353Nuts	33825	17425	27	43
Hort. Crop2	Vegetable	0.4ac	34 q	51000	15000	74	122
Livestock1	Dairy	4 Nos	12000lit.	490950	169350	122	209
Livestock2	Duck	20 Nos	5475eggs	54750	31025	>100	>100
Livestock3	Poultry	25 Nos	6205eggs	43435	22904	>100	>100
Fisheries1	Fish	0.05ac	1.6q	32000	17600	>100	>100
Total				<b>787160</b>	<b>337504</b>		<b>173</b>

**Brief:** The farmer used to get annual net income of Rs.123548/-from paddy, coconut, vegetable and dairy. He faced problems like low productivity, and pest and disease attack. With DFI interventions like coconut based IFS with inclusion of more AH units, he is getting annual net income of Rs 337504/-



Mrs. Viswanathan in hydroponic fodder production unit



Attended hands on training on dairy farming



FLD on Fodder



Integrated Duck and fish farming unit



**Name of farmer: D. Karthikeyan**  
**Address: Thiruvathira, Muthukulam North**  
**Age: 58**  
**Education: Pre-degree**  
**Size of landholding (in acre): 0.3 ac**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.25(20palm)	480nuts	10560	4560
Hort.Crop2	Vegetables	0.02ac	1.04q	1664	164
Livestock1	Poultry	15 nos	2555eggs	15330	3011
Total				<b>27554</b>	<b>7735</b>

### 2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Coconut	0.25(20palm)	780nuts	19500	11500	62.50	152
Field Crop 2	Vegetables	0.02ac	1.8q	3204	1204	78.22	634
Hort.Crop1	Broiler	12000nos	11400nos	2808000	468500	>100	>100
Hort.Crop2				<b>2830704</b>	<b>481204</b>		<b>&gt;100</b>

**Brief:** The farmer used to get a very low annual net income of Rs.7735/-from coconut, vegetable and poultry. With DFI interventions like capacity building on broiler farming and shifting to broiler farm @1000 birds/month, he is getting annual net income of Rs 481204/-



KVK trainees visiting the Broiler farm of Karthikeyan



Retail sale of ready to cook broiler meat



**Name of farmer: R.Salputhran**  
**Address: Dharmalayam, Arattupuzha**  
**Age: 55**  
**Education: PDC**  
**Size of landholding (inacre):0.5 ac**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
Hort.Crop1	Coconut	0.35(20palm)	500nuts	11500	5500
Livestock1	Goat	6 nos	12 kids	110840	39540
Livestock2	Poultry	20 nos	3285eggs	19710	1460
Fishery1	Fish	0.02ac	0.82q	16400	4400
<b>Total</b>				<b>158450</b>	<b>50900</b>

**2) Status in 2020**

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort.Crop1	Coconut	0.35(20palm)	740nuts	18500	10500	48	91
Livestock1	Goat	32 nos	50 kids	387200	93150	317	135.58
Livestock2	Poultry	20 nos	5475eggs	38325	20075	67	1275
Fishery1	Fish	7 cages	15.75q	551250	244250	1821	5451
<b>Total</b>				<b>995275</b>	<b>367975</b>		<b>623</b>

**Brief:** The farmer used to get annual net income of Rs.50900/-from coconut, goat, poultry and fish. He faced problems of higher mortality in goat and lower yield in fish. With DFI interventions like scientific management of goat and shifting to cage culture of fish, he is getting annual net income of Rs 367975/-



Cage culture of fish in Kayamkulam backwaters



Mrs. Salputhran being a partner of the FLD programme on fish silage feeding of poultry



Expanded goatry unit



**Name of farmer: Mrs. Reethamma Oommen**

**Address: Kunnel (H), Pollethai-P.O., Mararikulam South**

**Age: 77 yrs**

**Education: Higher School/12<sup>th</sup>**

**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	1 (60)	2040nuts	30600	15600
Hort.Crop2	Cassava	0.2	4.8q	6240	5240
Hort.Crop3	Banana	0.3	9.0q	18000	3000
Hort.Crop4	Veg cowpea	0.1	10.2q	45900	29500
Total				<b>100740</b>	<b>53340</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.Crop1	Coconut	1 (60)	2640nuts	50160	26160	29	67.69
Hort.Crop2	Cassava	0.2	7 q	9100	7700	46	47
Hort.Crop3	Banana	0.3	11 q	25300	4800	22	60
Hort.Crop4	Veg cowpea	0.1	14 q	84000	65000	37	120
Hort.Crop5	Turmeric	0.05	4 q	12000	4500	>100	>100
Total				<b>180560</b>	<b>108160</b>		<b>103</b>

**Brief:** The farmer used to get annual net income of Rs.53340/- from coconut, cassava, banana, veg. cowpea etc. She faced problems like moisture stress in crops, low productivity, pests & diseases etc. With DFI interventions like moisture conservation practices, ICM in all crops and introduction of turmeric, she is getting annual net income of Rs 108160/-



FLD- Soil moisture conservation in Coconut garden



Intercrops in coconut garden



**Name of farmer: Mr. Balakrishnan VP**

**Address: Thiruvonam (H), Pollethai- P.O., Mararikulam South**

**Age: 64 yrs**

**Education: High School/10<sup>th</sup> Size  
of land holding (in acre): 0.6**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.4(25)	850nuts	12750	6500
Hort.Crop2	Cassava	0.05	3.6q	4680	3930
Hort.Crop3	Banana	0.1	4.5q	9000	1000
Hort.Crop4	Yams	0.05	9 q	16200	7200
Total				42630	18630

### 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.Crop1	Coconut	0.4(25)	1050nuts	19950	9950	23.53	53
Hort.Crop2	Cassava	0.05	5.3q	6825	5775	47.22	47
Hort.Crop3	Banana	0.1	6.6q	15180	2880	47	188
Hort.Crop4	Yams	0.05	16 q	30400	14400	77.78	100
Hort.Crop5	Turmeric	0.05	4.2q	12450	4950	>100	>100
Total				84805	37955		103.73

**Brief:** The farmer used to get annual net income of Rs.18630/-from coconut, cassava, yams, banana etc. He faced problems like moisture stress in crops, low productivity, pests & diseases etc. With DFI interventions like moisture conservation practices, ICM in all crops and introduction of turmeric, he is getting annual net income of Rs 37955/-



FLD- Soil moisture conservation in Coconut garden



Intercrops in coconut garden



Name of farmer: Mrs. Bindu M

Address: Kollamparambu (H), Pathirappalli- P.O., Mararikulam South

Age: 49 yrs

Education: Higher Secondary/12<sup>th</sup>

Size of landholding (in acre): 0.35

### 1) 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.Crop1	Coconut	0.2(10)	320nuts	4800	1800
Hort.Crop2	Veg Cowpea	0.05	2.75q	11000	6500
Hort.Crop3	Banana	0.10	2.70q	6750	1200
Total				<b>22550</b>	<b>9500</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.Crop1	Coconut	0.2(10)	360nuts	6840	2840	12.50	58
Hort.Crop2	Banana	0.10	3.30q	8250	2100	22	75
Livestock1	Goat	8 nos	10 kids	64500	25700	>100	>100
Total				<b>79590</b>	<b>30640</b>		<b>222</b>

**Brief:** The farmer used to get annual net income of Rs.9500/- from coconut, veg. cowpea, banana etc. She faced problems like low soil fertility, low productivity, pests & diseases etc. With DFI interventions like foliar nutrition practices, ICM in all crops and introduction of goatery, she is getting annual net income of Rs. 30640/-



FLD Cultivation of winged bean



Veg. cultivation



INM package in Banana



Goatery



Name of farmer: Mr. Abdul Latheef

Address: Puthenpurayil (H), Chennithala South- P.O., Chennithala

Age: 51 yrs

Education: High Secondary/10th

Size of landholding (in acre): 0.07 (on lease 1.8 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	Paddy	1.5	21 q	50400	23400
Hort.Crop1	Coconut	0.07(5)	160nuts	2400	1150
Hort.Crop2	Cassava	0.1	4.8q	7200	6200
Hort.Crop3	Veg. Cowpea	0.1	11 q	49500	32500
Total				<b>109500</b>	<b>63250</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(A cre)/No	Production (q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.5	24.8q	69300	39300	18	68
Hort.Crop1	Coconut	0.07(5)	190nuts	3610	1610	18.75	40
Hort.Crop2	Cassava	0.1	8.3q	10725	9225	72	49
Hort.Crop3	Veg. Cowpea	0.1	15q	90000	70000	36	115
Hort.Crop4	Snake gourd	0.1	14.6q	33580	12580	>100	>100
Total				<b>207215</b>	<b>132715</b>		<b>110</b>

**Brief:** The farmer used to get annual net income of Rs.63250/- from Paddy, coconut, cassava, Veg cowpea etc. He faced problems like low soil fertility, low productivity, pests & diseases etc. With DFI interventions like foliar nutrition practices, ICM in all crops and introduction of snake gourd, he is getting annual net income of Rs 132715/-



FLD- ICM in Paddy cultivation



Soil test based INM in Vegetables





**Name of farmer: KR Soman Pillai**

**Address: Lakshmi Mandiram, Payyanalloor, Palamel**

**Age: 70**

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

**Size of landholding (in acre): 2 acre**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rubber	1	10 q	80000	62000
Field Crop 2	Tuber	0.05	2 q	8300	4300
Hort.Crop1	Turmeric	0.2	12 q	21600	6600
Total				<b>109900</b>	<b>72900</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	Rubber	1	11.25q	146250	126250	12.56	103.63
Field Crop 2	Tuber	0.1	6 q	18000	10500	200	144.19
Hort.Crop1	Turmeric	0.35	28 q	84000	44000	133	567
Total				<b>248250</b>	<b>180750</b>		<b>148</b>

**Brief:** The farmer used to get annual income of Rs.72,900/- from rubber, tubers, turmeric etc. He faced problems like poor yielding variety, low price of produce, marketability, pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated crop management, FPO etc., he is getting annual income of Rs. 1,80,750/-.



Mr. Soman Pillai installing yellow sticky trap



Mr. Soman Pillai in turmeric field



**Name of farmer: Krishnakumar. G**

**Address: Haritham, Neduvaramcodu PO., Thuruthimel, Chengannur**

**Age: 44**

**Education: Graduation**

**Size of landholding (in acre): 1 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	Cassava	0.03	2.5	2000	1000
Hort.Crop1	Banana	0.05	3.1	10850	9350
Hort.Crop2	Yardlong bean	0.1	1.3	5200	3200
Hort.Crop3	Brinjal	0.1	9.5	17100	12900
Hort.Crop4	Ivy gourd	0.1	9.5	19000	15500
Total				54150	41950

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(A cre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cassava	0.05	6	7000	5500	140	450
Hort.Crop1	Banana	0.1	7	35700	20700	125	121
Hort.Crop2	Yardlong bean	0.05	2.18	12780	10280	67	221
Hort.Crop3	Brinjal	0.1	19.68	59040	51040	131	295
Hort.Crop4	Ivy gourd	0.2	20.96	67072	60572	120	290
Hort.Crop5	Chilly	0.05	1.78	12460	8210	>100	>100
Hort.Crop6	Tomato	0.02	0.81	3240	1640	>100	>100
Other enterprise	Seedling sale	0.01	2000no	5000	3300	>100	>100
Total				<b>202292</b>	<b>161242</b>		<b>284</b>

**Brief:** The farmer used to get annual income of Rs.41,950/- from vegetables, banana and cassava. He faced problems like low land utilization, lack of awareness on improved varieties, pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated crop management, pest management, innovative approaches, seedling production etc., he is getting annual income of Rs.1,61,242/-.



Mr. Krishnakumar raising seedlings



Mr. Krishnakumar experiencing pest scouting



**Nameoffarmer: Madhukumar**

**Address: Kottuvilayil, Vettiyar, Mavelikkara, Alappuzha**

**Age: 49**

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

**Size of landholding (in acre): 1.0 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.)
Hort.Crop1	Banana	0.4	26	91000	28000
Hort.Crop2	Cowpea (Veg)	0.05	8	32000	20000
Hort.Crop3	Cucumber	0.1	3	12000	8300
Hort.Crop4	Betelvine	0.35	3000bundle	120000	30000
Total				<b>255000</b>	<b>86300</b>

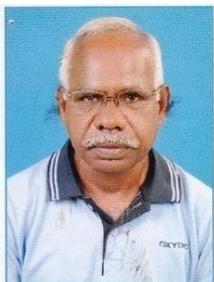
### 2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort.Crop1	Banana	0.6	48	200000	100000	84	257
Hort.Crop2	Cowpea (Veg)	0.1	18	108000	78000	125	290
Hort.Crop3	Cucumber	0.1	5.4	32400	27400	80	230
Hort.Crop4	Betelvine	0.35	4500bundle	240000	125000	33	316
Total				<b>580400</b>	<b>330400</b>		<b>283</b>

**Brief:** The farmer used to get annual income of Rs.86,300/-from banana, betelvine, vegetables etc. He faced problems like underutilization of available resources, pest and disease problems, nutritional imbalance etc. With DFI interventions like integrated pests and diseases management, nutritional management etc., he is getting annual income of Rs. 3,30,400/-.



Mr. Madhukumar harvesting betel vine



**Name of farmer: Aandhan E. S**

**Address: Kananam, Iippakkulam PO, Kayamkulam**

**Age: 68**

**Education: Graduation**

**Size of landholding(in acre): 1.0 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	Tubers	0.05	1	1800	800
Hort.Crop1	Banana	0.1	4	16000	7000
Hort.Crop2	Tapioca	0.1	8.75	7000	2000
Hort.Crop3	Turmeric	0.15	7.8	23400	3400
Hort.Crop4	Coconut	0.5	980no	17640	5640
Total				<b>65840</b>	<b>18840</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	Tubers	0.1	2.8	1000	2600	180	225.00
Hort.Crop1	Banana	0.1	6.4	14000	24400	60	248
Hort.Crop2	Tapioca	0.15	20	6000	14000	128	600
Hort.Crop3	Turmeric	0.25	16.25	56875	12875	108	278
Hort.Crop4	Coconut	0.5	1400no	28000	13700	42.86	143
Total				<b>105875</b>	<b>67575</b>		<b>258</b>

**Brief:** The farmer used to get annual income of Rs.18,840/-from turmeric, coconut, tubers and banana. He faced problems like low land utilization, underutilization of available resources, pest and disease problems, improper crop management etc. With DFI interventions like integrated crop management, IPM technologies, marketing through FPO etc., he is getting annual income of Rs. 67,575/-.



Mr. Anandhan participating FLD on turmeric

Field visit by KVK expert in the field of Mr. Anandhan



**Name of farmer: Sundaran**

**Address: PrakashBhavan, Kaduvinal, Vallikunnam, Alappuzha**

**Age: 55**

**Education: 10<sup>th</sup>/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	Tubers	0.5	15	40000	31000
Hort.Crop1	Banana	0.4	24	84000	29000
Hort.Crop2	Vegetables	0.25	20	75000	35000
Hort.Crop3	Rubber	1	10	80000	68000
Total				<b>279000</b>	<b>163000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over baseyear	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(	production	income
Field Crop 1	Tubers	0.5	26.23	84682	69682	74.87	124
Hort.Crop1	Banana	0.5	36	144000	67500	50.00	132
Hort.Crop2	Vegetables	0.25	26.96	130880	80880	34.8	131
Hort.Crop3	Turmeric	0.1	8.21	49260	37260	>100	>100
Hort.Crop4	Rubber	1	12	156000	141000	20	107
Total				<b>564822</b>	<b>396322</b>		<b>143</b>

**Brief:** The farmer used to get annual income of Rs.1,63,000/-from vegetables, rubber, tubers, banana, etc. He faced problems like under utilization of available resources, pest and disease problems, low yielding varieties etc. With DFI interventions like integrated crop management, market linkages etc., he is getting annual income of Rs. 3,96,322/-.



Mr. Sundaran in his turmeric plot



Mr. Sundaran in his banana plot



**Name of farmer: Abdul Latheef**

**Address: Pochathara Vilayil, Kaduvinal, Vallikunnam**

**Age: 57**

**Education: Graduation**

**Size of landholding (in acre): 1.0 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.)
Hort.Crop1	Banana	0.1	5.5	19250	4250
Hort.Crop2	Vegetables	0.15	3	10500	4500
Total				>100	>100

### 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.Crop1	Banana	0.15	7.5	30000	12500	36	194
Hort.Crop2	Vegetables	0.25	5.5	25000	13000	83	188
Hort.Crop3	Turmeric	0.1	5	15000	10000	>100	>100
Hort.Crop4	Exotic fruits	0.1	0.25	3500	2000	>100	>100
Total				<b>73500</b>	<b>37500</b>		<b>328</b>

**Brief:** The farmer used to get annual income of Rs.8,750/-from banana and vegetables. He faced problems like low land utilization, underutilization of available resources, pest and disease problems, lack of knowledge on scientific methods of cultivation etc. With DFI interventions like introduction of new crops, integrated crop management etc., he is getting annual income of Rs.37,500/-.



Mr.Latheef in his vegetable plot



Mr.Latheef in his turmeric plots



**Name of farmer: Jameela**

**Address: Kadurayathupadettathil, Keerikkadu, Kayamkulam**

**Age: 52**

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

**Size of landholding (in acre): 0.6 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	Coconut	0.1	150no	5040	2540
Hort.Crop1	Banana	0.08	5	15000	5000
Hort.Crop2	Turmeric	0.02	0.5	3000	1250
Hort.Crop3	Vegetable	0.05	1	3750	2250
Livestock1	Poultry	50no	12000no	60000	15000
Livestock2	Duck	20no	3750no	30000	10000
Livestock3	Buffalo	1		30000	11500
Total				146790	47540

### 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	Coconut	0.1	400no	10000	6000	166	136
Hort.Crop1	Banana	0.08	7.2	28800	11800	44	136
Hort.Crop2	Turmeric	0.05	1.12	6000	3900	124	212
Hort.Crop3	Vegetable	0.1	1.75	9500	4700	200	108
Livestock1	Poultry	150no	18300no	140400	40400	52.5	169
Livestock2	Duck	100no	9500no	90000	20000	153	100
Livestock3	Buffalo		2no	70000	33500	100	191
Other enterprise (Specify)	Fish	0.06	0.6	18500	8500	>100	>100
Total				<b>373200</b>	<b>128800</b>		<b>171</b>

**Brief:** The farmer used to get annual income of Rs.47,540/- from coconut, banana, turmeric, poultry, livestock etc. She faced problems improper nutrient management, pest and disease problems, underutilization of available resources etc. With DFI interventions like integrated farm management, quality input support, advisories, linking markets etc., she is getting annual income of Rs. 1,28,800/-.



Mrs. Jameela engaged in intercultural operations



Mrs. Jameela in her cassava plot



**Name of farmer: Gopi**

**Address: Kottayil, Eramathur, Mannar**

**Age: 65**

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

**Size of land holding (in acre): 0.25, 2.5 (leased)**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop1	Sesamum	2	40	100000	45000
Hort.Crop1	Coconut	0.25(20nos)	120	2400	1350
Hort.Crop2	Snake gourd	0.25	10 q	8000	4000
Hort.Crop3	Cowpea	0.25	12 q	28000	16500
Total				138400	66850

### 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
Field Crop 1	Sesamum	2.5	62.5	171875	114375	25.00	154
Hort.Crop1	Coconut	0.25(20nos)	160	3200	1750	33.33	30
Hort.Crop2	Snake gourd	0.25	20 q	26000	11000	100.00	175
Hort.Crop3	Cowpea	0.25	16 q	42000	24500	33.33	48
Total				<b>243075</b>	<b>151625</b>		<b>127</b>

**Brief:** The farmer used to get annual net income of Rs.66850/-from Coconut, sesamum, vegetables etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of Sesamum and scientific cultivation practices, he is getting annual net income of Rs. 151625/-



As partner of the demonstration on scientific cultivation of sesame



**Name of farmer: C K Cheriyan**  
**Address: Kottappurath, Chennithala Post, Alappuzha**  
**Age: 72**  
**Education: Diploma**  
**Size of landholding (in acre): 3.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Paddy	2.5	48	134400	64400
Hort.Crop1	Coconut	1 ac/80nos	1500	38400	12800
Total				<b>172800</b>	<b>77200</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	Paddy	2.5	59	165200	90200	23	40
Hort.Crop1	Coconut	1 ac/80nos	3200	70400	43200	113.33	237
Hort.Crop2	Cowpea	0.20	20	35100	21600	>100	>100
Total				<b>270700</b>	<b>155000</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs.77200/- from Coconut, paddy etc. He faced problems like low yield, pests etc. With DFI interventions like resource conserving and scientific cultivation technologies in Paddy and other crops, he is getting annual net income of Rs. 155000/--



Scientific interventions in paddy



**Name of farmer: Satheesh Kumar K**  
**Address: Saraswathy Nilayam, Kannimel, Vallikunnam, Kayamkulam**  
**Age: 42**  
**Education: Diploma**  
**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.50	10	28000	13000
Field Crop 2	Sesamum	1.0	2.0	50000	22500
Hort.Crop1	Coconut	1.0/70nos	1650	33600	17500
Total				<b>111600</b>	<b>53000</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
Field Crop 1	Paddy	0.50	12.50	35000	17500	25	34.62
Field Crop 2	Sesamum	1.0	3.0	75000	47500	50	111
Fieldcrop3	Upland paddy	1.0	8.5	32000	22000	>100	>100
Hort.Crop1	Coconut	1/70nos	2520	50400	29400	52.73	68.00
Total				<b>192400</b>	<b>116400</b>		<b>119.62</b>

**Brief:** The farmer used to get annual net income of Rs.53000/- from Coconut, paddy, sesamum etc. He faced problems like low yield, pests etc. With DFI interventions like upland paddy cultivation, HYV of sesamum and scientific cultivation practices, he is getting annual net income of Rs.116400/-



KVK intervention on upland paddy



Upland paddy at harvest



**Name of farmer: Biju Kurian**  
**Address: Srampickal, Muttar, Alappuzha**  
**Age: 54**  
**Education: Degree**  
**Size of landholding (in acre): 2.00**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Paddy	1.5	32.5	91000	34000
Hort.Crop1	Coconut	0.50ac/30nos	920nos	19200	9600
Hort.Crop2	Tubers	0.25	31.25	37500	12500
Total				<b>147700</b>	<b>56100</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
Field Crop 1	Paddy	1.5	45	126000	69000	38	103
Hort.Crop1	Coconut	0.50/30nos	1440nos	28800	16800	57	75
Hort.Crop2	Tubers	0.25	62.5	75000	40000	100	220
Total				<b>229800</b>	<b>125800</b>		<b>124</b>

**Brief:** The farmer used to get annual net income of Rs.56100/- from Coconut, paddy, tubers etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of cassava, paddy and scientific cultivation practices, he is getting annual net income of Rs. 125800/-



DFI interventions in Paddy



**Name of farmer: RaviKK**  
**Address: KKR Bhavanam, Vallikunnam Post, Alappuzha**  
**Age: 71**  
**Education: SSLC**  
**Size of landholding (in acre): 1**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Sesamum	0.75	1	25000	20000
Field Crop 2	Cassava	0.15	15	24000	8000
Hort.Crop1	Coconut	0.25ac/15	360	7200	2700
Total				<b>56200</b>	<b>30700</b>

### 2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(	production	income
Field Crop 1	Sesamum	0.75	1.5	37500	25000	50	25
Field Crop 2	Paddy	0.75	12	33600	16100	100	100
Hort.Crop1	Cassava	0.15	30	45000	21000	100	162.50
Hort.Crop2	Coconut	0.25ac/15	480	9600	4600	33	70
Total				<b>125700</b>	<b>66700</b>		<b>117</b>

**Brief:** The farmer used to get annual net income of Rs.30700/-from Coconut, Cassava, Sesamum etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of paddy, sesamum and scientific cultivation practices, he is getting annual net income of Rs. 66700/--



DFI interventions in Sesamum



**Name of farmer: Haridas B**

**Address: Priya, Mankamkuzhy-Post, Mavelikkara**

**Age: 69**

**Education: Degree**

**Size of landholding (in acre): 1.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Coconut	0.5/40nos	1280nos	23040	11840
Hort.Crop2	Banana	25	20	90000	32500
Hort.Crop3	Cowpea	0.20	8	21500	11000
Hort.Crop4	Snake gourd	0.20	14	23000	9500
Hort.Crop5	Bitter guard	0.10	10	27800	13300
Hort.Crop6	Bhindi	0.10	12	18500	7500
Total				203840	85640

### 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.Crop1	Coconut	0.5/40nos	1600nos	32000	18800	25	59
Hort.Crop2	Banana	25	25	125000	58000	25.00	78
Hort.Crop3	Cowpea	0.20	13	35100	19600	62.50	78
Hort.Crop4	Snake gourd	0.20	16	32500	17700	14	86
Hort.Crop5	Bitter guard	0.10	12	48000	21000	20	58
Hort.Crop6	Bhindi	0.10	15	22500	9500	25	27
Hort.Crop7	Ginger	0.10	9	63000	27400	>100	>100
Total				<b>358100</b>	<b>172000</b>		<b>101</b>

**Brief:** The farmer used to get annual net income of Rs. 85640/- from Coconut, vegetables, banana etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of ginger and scientific cultivation practices, he is getting annual net income of Rs. 172000/--



DFI interventions in ginger



**Effect of DFI intervention-109**

**Name of KVK: KVK-Alappuzha**

**Name of farmer: Gopinatha Pillai S**

**Address: Vaikathu Thazhayil, P allarimangalam, Thekkekara**

**Age: 75**

**Education: Diploma**

**Size of landholding (in acre): 70 cent**

**1) 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.Crop1	Coconut	0.60ac/40nos	1200nos	26400	8400
Hort.Crop2	Casava	0.15	30	36000	6000
Hort.Crop3	Yam	0.05	8	16000	6000
Hort.Crop4	Vegetable	0.02	2	8000	4000
Total				86400	24400

**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.Crop1	Coconut	0.60ac/40nos	1600nos	35200	16000	33	90
Hort.Crop2	Casava	0.15	36	43200	13200	20	120
Hort.Crop3	Yam	0.05	10	18000	8000	25	33
Hort.Crop4	Turmeric	0.05	4	12000	4500	>100	>100
Hort.Crop5	Ginger	0.025	1.75	11375	7000	>100	>100
Hort.Crop6	Vegetable	0.02	2.5	10000	4500	25	12.5
Total				<b>129775</b>	<b>53200</b>		<b>118</b>

**Brief:** The farmer used to get annual net income of Rs24400/- from Coconut, vegetables, tubers etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs of ginger and scientific cultivation practices, he is getting annual net income of Rs. 53200/--



DFI interventions in turmeric and ginger



**Effect of DFI Intervention-110**

**Name of KVK: KVK-Alappuzha**

**Name of farmer: Aravinda Ghosh V**

**Address: Amapdi, Pallickal P.O., Kattanam, Kayamkulam**

**Age: 72**

**Education: Degree**

**Size of landholding (in acre): 1 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	Cassava	0.25	25	37500	21000
Hort.Crop1	Coconut	1 ac/80	1520	38400	12800
Total				75900	33800

**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
FieldCrop 1	Cassava	0.25	40	60000	33500	60	59
Hort.Crop1	Coconut	1 ac/80	3200	70400	43200	110.53	238
Hort.Crop2	Turmeric	0.10	7.5	22500	10000	>100	>100
Total				<b>152900</b>	<b>86700</b>		<b>156.51</b>

**Brief:** The farmer used to get annual net income of Rs.33800/- from Coconut, tubers etc. He faced problems like low yield, pests etc. With DFI interventions like HYVs turmeric and scientific cultivation practices, he is getting annual net income of Rs.86700/-



DFI intervention on HYV turmeric and scientific cultivation