

## Effect of DFI intervention

Name of farmer: Unnikrishnan K.V

Address: Erattakulabil, Kumbalakkod, Pazhayannur

Kerala

Age: 61 years

Education: SSLC

Size of land holding (in acre): 3



## 1) Before Intervention

Component Description		Benchmark (Baseline period )			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5 Acre	22.5Q	54000	30000
Plantation crop 1	Coconut	1.5 Acre	3200 Nos	76000	52000
<b>Total</b>				<b>130000</b>	<b>82000</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/N	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.5Acre	30 Q	78000	54000	36.36	80
Plantation crop	Coconut	1.5Acre	5600 Nos	150400	130400	75	150.8
<b>Total</b>				<b>228400</b>	<b>184400</b>		<b>124.88</b>

**Brief:** The farmer earns annual income of Rs. 184400/-. In the previous years he earned around Rs.82000/- . He achieved a greater leap in income status on account of the focused programmes on rejuvenation of rice farming in the state, better support price and subsidies, and technical handholding by KVK through capacity building and facilitation for necessary inputs, technical advisories and linkages with line departments.





**Name of farmer: Muralidharan**  
**Address: Manjery house, Varavoor**  
**Kerala**  
**Age: 58 years**  
**Education: SSLC**  
**Size of land holding (in acre): 4**

### 1) Before Intervention

Component Description		Benchmark (Baseline period )			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4 Acre	60 Q	144000	52000
Other enterprises	Diary farming	1 cow	1800 L	68400	50150
<b>Total</b>				<b>212400</b>	<b>102150</b>

### 2) Status in 2020

Component Description		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 (two seasons)	6 Acre	120 Q	312000	150000	100	188
Other enterprise	Diary farming	2 cows	4320 L	210000	174000	140	247
<b>Total</b>				<b>522000</b>	<b>324000</b>		<b>217.18</b>

**Brief:** The farmer earns annual income of Rs. 324000/- . During the previous years, he earned around Rs.102150/-. He achieved a greater leap in income status on account of the focused programmes on rejuvenation of rice farming in the state, better support price and subsidies, and technical handholding by KVK through capacity building and facilitation for necessary inputs, technical advisories and linkages. Though after the devastating flood of 2018, there occurred a reduction in cropped area, the farmer increased it gradually in the following years.





**Name of farmer: Govinda Menon**

**Address: Gosari, Kumbalakkod, Pazhayannur  
Kerala**

**Age: 72 years**

**Education: Degree**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period )			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3.5 Acre	45 Q	110250	40000
<b>Total</b>			<b>45 Q</b>	<b>110250</b>	<b>40000</b>

### 2) Status in 2020

Component Description		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	4 Acre	60 Q	156000	81000	33	102
<b>Total</b>			<b>60 Q</b>	<b>156000</b>	<b>81000</b>		<b>102.5</b>

**Brief:** The farmer earns annual income of Rs. 81000/- as compared to Rs.40000/- in the bench mark year. He achieved a greater leap in income status on account of the focused programmes on rejuvenation of rice farming in the state, better support price and subsidies, and technical handholding by KVK through capacity building and facilitation for necessary inputs, technical advisories and linkages.





**Name of farmer: Salim**

**Address: Palakkaparambil, Thali, Varavoor, Thrissur  
Kerala**

**Age: 33 years**

**Education: Plus Two**

**Size of land holding (in acre): 2 (2021), 1 (2019)**

### 1) Before Intervention

Component Description		Benchmark			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1 Acre	18 Q	46800	28800
<b>Total</b>				<b>46800</b>	<b>28800</b>

### 2) Status in 2020

Component Description		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	Rice	17 Acre (leased 15 acre)	340 Q	918000	493000	>100	>100
<b>Total</b>				<b>918000</b>	<b>493000</b>		-

**Brief:** The farmer earns annual income of Rs. 493000 /- which has increased manifold over his earlier income of Rs. 28800/-. With better market linkages, which was the result of DFI interventions he was encouraged to extend his cultivated area and took land on lease for the purpose. This, along with scientific training and awareness on the utility of application of Pseudomonas, Ayar and Sampoorna, IPDM measures and other technical practices, he was able to check the occurrence of pest and disease, manage his crop scientifically and obtain high returns.





Name of farmer: Haridas

Address: Erattakulabil, Kumbalakkod, Pazhayannur Kerala

Age: 56 years

Education: SSLC

Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period )			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 Acre	10 Q	24000	10000
Plantation Crop 1	Rubber	1 Acre	14.3Q	70000	55000
<b>Total</b>				<b>94000</b>	<b>65000</b>

2) Status in 2020

Component Description		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	16 Q	41600	30600	60	206
Plantation crop	Rubber	1 Acre	15.6Q	120000	100000	9	81.8
<b>Total</b>				<b>161600</b>	<b>130600</b>		<b>100.92</b>

**Brief:** The farmer earns annual income of Rs. 130600/- . Previous years he earned around Rs.65000/-. He achieved a greater leap in income status on account of the focused programmes on rejuvenation of rice farming in the state, better support price and subsidies, and technical handholding by KVK through capacity building and facilitation for necessary inputs, technical advisories and linkages. Farmer incurred minimal cost in rubber cultivation because land preparation and weeding operations are supported by LSGD with MNREGS.





## Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: Kuriakose K M

Address: Kottarathil (H); Kumbalakkodu, Pazhayanoor, Thrissur Kerala

Age: 69 years

Education: Tenth standard

Size of land holding (in acre): 2.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2019)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.3 Acre	20Q	54000	25000
Hort. Crop 2	Coconut	25 Nos	800 Nos	12000	10600
Livestock 1	Cow	1 No.	2000 L	82000	69000
<b>Total</b>				<b>148000</b>	<b>104600</b>

### 2) Status in 2020

Component Description		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	Rice	1.3 Acre	22Q	66000	40000	10	60
Hort. Crop 1	Rubber(Tapping)	150Nos	0.3Q	5010	4000	100	62.26
Hort. Crop 2	Coconut	25 Nos	950 Nos	17100	15850	18.75	77.40
Livestock 1	Cow	1 No.	3500 L	157500	122500	75.00	77
Other enterprise (Specify)	Poultry	16 Nos	4800 Nos	33600	29600	100	100
<b>Total</b>				<b>279210</b>	<b>211950</b>		<b>102.63</b>

**Brief:** The farmer used to get annual income of Rs. 104600/- from various enterprises. He faced problems like market price fluctuations, labor shortage, pest and disease in crops and covid related lock down issues. With DFI interventions like better advice to manage pest and disease problems and support from government through paddy seed procurement at a higher MSP (Supplyco), and better market price for produce, he is getting annual income of Rs. 211950/-



## Effect of DFI intervention

Name of farmer: Dushyanthan S

Address: Kizhekkekkaala, Kumbalankodu, Pazhayanoor, Thrissur  
Kerala

Age: 45 years

Education: ITI (Mechanical)

Size of land holding (in acre): 5.5

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2019)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4 Acres	60 Q	126000	38000
Hort. Crop 2	Coconut	100 Nos	3000 Nos	45000	50000
<b>Total</b>				<b>171000</b>	<b>88000</b>

## 2) Status in 2020

Component Description		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	4 acres	80 q	208000	108000	33	184
Hort. Crop 2	Coconut	100 Nos	4500 Nos	119000	79000	50	58
<b>Total</b>				<b>327000</b>	<b>187000</b>		<b>112.50</b>

**Brief:** The farmer used to get annual income of Rs. 88000/- from paddy and coconut cultivation. He faced problems covid related lock down issues. With DFI interventions like better advice to manage pest and disease problems and support from krishibhavans through the supply of seeds and fertilizers for vegetable cultivation, and better market price for produce especially rice with improved MSP, and timely market availability, he is now getting annual income of Rs 187000/-.





## Effect of DFI Intervention

Name Of KVK: KVK Thrissur

**Name of farmer: Bhashitha Raheem**  
**Address: Valiyakath (H), Kundaliyur P O,**  
**Thrissur,680616**  
**Kerala**  
**Age: 35**  
**Education: Plus Two**  
**Size of Land Holding (In Acre): 0.04**

### 1) Before Intervention

Component Description		Benchmark (Baseline Period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Mushroom	Mushroom	0.04 Acre	35.1 Q	702000	386100
<b>Total</b>				<b>702000</b>	<b>386100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase Over Base Year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Mushroom	Mushroom	0.04 Acre	43.07 Q	1026675	794980	22.7	105.9
<b>Total</b>				<b>1026675</b>	<b>794980</b>	<b>22.7</b>	<b>105.92</b>

**Brief:** The Farmer used to get annual income of Rs 386100 from mushroom. She faced problems like pests, diseases, contamination of beds and spawn unavailability. With DFI Interventions like facilitating Market Linkages, enhancing quality spawn production, her Annual Income has increased to Rs. 794980.



During 2017



During 2020



Name Of Farmer: Chandrika Velukutty

Address: Poluvalappil (H) Mannamangalam P O  
Thrissur,680014

Kerala

Age: 61

Education: SSLC

Size Of Land Holding (In Acre): 2.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Horti Crop 1	Banana	100 No	8 Q	28000	12000
Plantation Crop 1	Rubber	100 No	2.5Q	36250	9000
Plantation Crop 2	Coconut	50 No	2000 Nos	20000	9000
Plantation Crop 3	Arecanut	50 No	0.8 Q	10400	6400
Spices 1	Pepper	50 No	0.5 Q	14000	12350
Total				<b>108650</b>	<b>48750</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Horti Crop 1	Banana	100 No	10Q	38000	21000	25	75
Plantation Crop 1	Rubber	100 No	3Q	48600	22600	20	151.1
Plantation Crop 2	Coconut	50 No	2750	33000	18000	37.5	100
Plantation Crop 3	Arecanut	50 No	1Q	20000	10000	25	56.25
Spices 1	Pepper	50 No	1Q	30000	27690	100	124.2
Total				<b>169600</b>	<b>99290</b>		<b>103.67</b>

**Brief:** The farmer used to get annual income of Rs 48750 from banana, arecanut, coconut, pepper, rubber etc. The problems she faced were with regard to lack of proper market channels for the sale of produce and also faced the problems of pest infestation of coconut and nutrient deficiency which had reduced the productivity of Banana. With DFI interventions like finding proper market linkages and identification of the pest and the implementation of IPDM her annual income has increased to Rs 99290/-



During 2017



During 2020



**Effect of DFI intervention****Name of KVK: Thrissur****Name of farmer: Jijo George****Address: Theradai(H), Varakkara P.O Varakkara ,Thrissur PIN:680302 Kerala****Age: 38****Education: SSLC****Size of land holding (in acre): 3.5****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Field Crop 1	Paddy	0.5 Acre	8 Q	11760	3722
Horti. Crop 1	Banana	700 No.	63 Q	189000	94000
Plantation Crop 2	Arecanut	100 No.	1 Q	50000	25000
Plantation Crop 3	Coconut	100 No.	3000 nos	30000	10000
Livestock 1	Goat	40 No.	80 nos	320000	190000
Livestock 2	cow	2 No.	6200 L	241800	161800
Total				<b>842560</b>	<b>484522</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Field Crop 1	Paddy	0.5 Acre	10 Q	14700	4900	25	31.6
Plantation Crop 1	Banana	700 No.	105 Q	420000	280000	66.66	197.9
Plantation Crop 2	Arecanut	100 No.	1.1 Q	55000	35000	10	40
Plantation Crop 3	Coconut	100 No.	3500 No.	35000	20000	16.66	100
Livestock 1	Goat	60 No.	120 No.	480000	360000	50	89.5
Livestock 2	cow	4 No.	12400 L.	570400	370400	100	128.9
Total				<b>1575100</b>	<b>1070300</b>		<b>120.89</b>

**Brief:** The farmer used to get annual income of Rs.484522 From paddy, banana, plantation crops, cow, goat, etc. He faced problems such as nutrient deficiency, pest infestation of banana and lack of proper market linkages. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas prior to transplanting, spraying of sampoorana, and by improving the stock of animals his annual income has increased to Rs.1070300.



During 2017



During 2020



**Name Of Farmer:** Jini A S  
**Address:** Puthanvedu  
 Vattanathra P O  
 Thrissur,680302  
 Kerala

**Age:** 45

**Education:** MBA

**Size Of Land Holding (In Acre):** 0.81

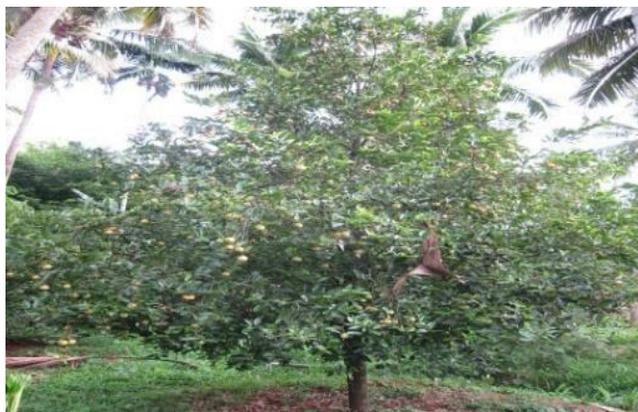
### 1) Before Intervention

Component Description	Names	Benchmark (Baseline period 2016-17)			
		Area (Acre)/Number	Production (Q/Litre/No)	Gross Income (Rs.)	Net Income (Rs.)
Spices 1	Nutmeg	30 Nos	3 Q	75000	50000
plantation crop 1	Coconut	42 Nos	1680 no.	16800	10500
<b>Total</b>				<b>91800</b>	<b>60500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Litre / No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
spices 1	Nutmeg	30 Nos	4.5Q	135000	123000	50	146
plantation crop 1	Coconut	42 Nos	1890 no.	24570	18070	12.5	72.1
<b>Total</b>				<b>159570</b>	<b>141070</b>		<b>133.17</b>

**Brief:** The farmer used to get an annual income of Rs 60500/- from nutmeg and coconut. She faced problems like pests and diseases. With adoption of IPDNM as a part of the DFI interventions her annual income increased to Rs 141070/-.



During 2017



During 2020



**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer:Peethambaran S**

**Address:Kuruvappadam (H) Vennur P.O, Pazhayannur,Thrissur  
PIN:680586**

**Kerala**

**Age: 54**

**Education: SSLC**

**Size of land holding (in acre):1.5**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Vegetable Crop	Bittergourd	0.75 acre	36 Q	72000	60000
Pulses	Cowpea	0.75 acre	70 Q	224000	194000
Cattle	Cow	1 no.	3500 L	129500	75000
<b>Total</b>				<b>425500</b>	<b>329000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Vegetable Crop	Bittergourd	0.75 acre	48Q	124800	117300	33.33	95.5
Pulses	Cowpea	0.75 Acre	94Q	376000	369500	34.3	90.5
Cattle	Cow	1 no.	5500 L	220000	197000	57.14	162.7
<b>Total</b>				<b>720800</b>	<b>683800</b>		<b>107.8</b>

**Brief:** The farmer used to get annual income of Rs.329000 From chilli, tapioca etc. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs 683800



During 2017



During 2020

Name of farmer: Pushkaran M

Address: Thrishna Oravumada(H) Vazhode, Elanad P.O

Thrissur PIN: 680586

Kerala

Age: 59

Education: SSLC

Size of land holding (in acre): 5

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Horti Crop 1	Banana	200 Nos	18 Q	54000	20000
Plantation Crop 1	Coconut	200 Nos	6000 Nos	60000	29000
Plantation Crop 2	Rubber	200 Nos	1.1T	142514	60714
Plantation Crop 3	Arecanut	300 Nos	9Q	135000	39176
Spices 1	Turmeric	0.25 Acre	7Q	14700	6000
Total				<b>406214</b>	<b>154890</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Horti Crop 1	Banana	200 No.	20Q	82000	36900	11.1	84.5
Plantation Crop 1	Coconut	200 No.	15000	180000	100000	150	244.8
Plantation Crop 2	Rubber	200 No.	1.2T	156000	79200	9.1	30.4
Plantation Crop 3	Arecanut	300 No.	10Q	180000	85000	11.1	116.9
Spices 1	Turmeric	0.25 Acre	8Q	16000	10000	14.3	66.7
Total				<b>614000</b>	<b>311100</b>		<b>100.85</b>

**Brief:** The farmer used to get annual income of Rs. 154890/-. He faced low productivity and higher cost of production in coconut and these, with the lack of proper market, was the main constraint that he had. With DFI interventions like facilitating market linkages he was able to get a better price for his produce and with the adoption of IPDNM, the low productivity from coconut was overcome. With these interventions his annual income increased to Rs. 311100/-.



During 2017



During 2020



Name of farmer: Sasi P.A

Address: Poluvalappil(H) Mannamangalam P.O Thrissur PIN:680014  
Kerala

Age: 55

Education: SSLC

Size of land holding (in acre):1.3

**1) Before Intervention**

Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Horti Crop 1	Banana	100 No.	7Q	24500	14500
Plantation Crop 1	Coconut	50 No.	1500 nos	13500	6000
Plantation Crop 2	Rubber	50 No.	0.5 Q	7250	3500
Plantation Crop 3	Arecanut	100 No.	0.5Q	10000	7000
<b>Total</b>				<b>55250</b>	<b>31000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Horti Crop 1	Banana	100 No.	10Q	37800	22800	42.8	57.2
Plantation Crop 1	Coconut	50 No.	3540	35400	15400	136	156.7
Plantation Crop 2	Rubber	50 No.	1.2Q	19440	6440	140	84
Plantation Crop 3	Arecanut	100 No.	2Q	40000	20000	300	185.7
<b>Total</b>				<b>132640</b>	<b>64640</b>		<b>108.52</b>

**Brief:** The farmer used to get annual income of Rs.31000/- from banana, coconut, rubber and arecanut. The major constraints that he faced was with the reduced productivity of arecanut, rubber and coconut owing to nutrient deficiency and pest infestation. DFI interventions included assessment of the soil fertility status, facilitation of supply of fertilizers through Krishi Bhavans and scientific application of fertilizers. The application of Ayar and Sampoorna to improve the productivity of Banana was also practiced, with these interventions the annual income increased to Rs. 64640/-





## Effect Of DFI Intervention

Name Of KVK: KVK Thrissur

Name of farmer: Sheela Anil

Address: Mundikudiyil (H) Thekkekulam, Peechi P O Thrissur,680653 Kerala

Age: 46

Education: Degree

Size Of Land Holding (In Acre): 0.03

### 1) Before Intervention

Component Description		Benchmark (Baseline Period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Mushroom	Mushroom	0.03 Acre	16.2 Q	324000	164400
<b>Total</b>				<b>324000</b>	<b>164400</b>

### 2) Status In 2020

Component Description		Period 2020-21				% Increase Over Base Year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Mushroom	Mushroom	0.03 Acre	20.4 Q	510000	364300	25.9	121.6
<b>Total</b>				<b>510000</b>	<b>364300</b>		<b>121.6</b>

**Brief:** The Farmer used to get annual income of Rs 164400 from mushroom. She faced problems like pests, diseases, contamination of beds and spawn unavailability. With DFI Interventions like facilitating Market Linkages, enhancing quality spawn production, her annual Income has increased to Rs. 364300/-.



During 2017



During 2020



**Name of farmer: Shobhana Ramachandran**

**Address: Poonoly(H) Valoor, Marottichal P.O Mannamangalam**

**Thrissur PIN: 680014**

**Kerala**

**Age: 55**

**Education: Upper Primary**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Horti Crop 1	Banana	1200 No.	8.4T	268800	78800
Plantation Crop 1	Coconut	80 No.	3200 nos	28800	12800
Plantation Crop 3	Arecanut	100 No.	0.5 Q	6500	3500
<b>Total</b>				<b>304100</b>	<b>95100</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Horti Crop 1	Banana	1200 No.	9T	342000	162000	7.14	105.6
Plantation Crop 1	Coconut	80 No.	4500	49500	17500	43.8	36.7
Plantation Crop 3	Arecanut	100 No.	1Q	20000	14000	100	300
<b>Total</b>				<b>411500</b>	<b>193500</b>		<b>103.47</b>

**Brief:** The farmer was involved in the cultivation of Banana, Coconut and arecanut and her income during 2017 was Rs 95100/-. The major challenges that she faced were reduced productivity of coconut and arecanut with higher cost of production with DFI interventions such as soil testing and assessment of nutrient status as well as application of fertilizers whose supply was ensured through Krishi Bhavans her income increased to Rs. 193500/-. KVK was instrumental in technical advisories and linkages.



Name Of Farmer: Sopna Kallingal

Address: Kallingal Plantation Pattikkad P O Thrissur,680652

Kerala

Age: 46

Education: M. Com

Size Of Land Holding (In Acre): 10

## 1) Before Intervention

Component Description		Benchmark (Baseline Period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Spices 1	Nutmeg	700 Nos	100 Q	2800000	2544000
Spices 2	Pepper	100 Nos	1 Q	30000	28000
Plantation Crop 1	Coconut	600 Nos	19800 Nos	217800	192800
Plantation Crop 2	Arecanut	3000 Nos	75 Q	2100000	1800000
<b>Total</b>				<b>5147800</b>	<b>4564800</b>

## 2) Status in 2020

Component Description		Period 2020-21				% Increase Over Base Year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Spices 1	Nutmeg	700 Nos	175Q	5250000	5196000	75.00	104.2
Spices 2	Pepper	100 Nos	1.4Q	53200	50700	40	81.1
Plantation Crop 1	Coconut	600 Nos	24600 Nos	393600	363600	24.24	88.6
Plantation Crop 2	Arecanut	3000 Nos	100 Q	3800000	3710000	33.33	106.1
<b>Total</b>				<b>9496800</b>	<b>9320300</b>		<b>104.18</b>

**Brief:** The farmer used to get annual income of Rs 4564800/- from nutmeg, pepper, coconut and arecanut. She faced problems like pests, diseases and nutrient deficiency which affected the production. With DFI interventions like training on scientific agricultural practices, adoption of IPDNM, application of fertilizers and bio inputs in a rational manner her annual income has increased to Rs 9320300/-.





**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer:Sumathy**

**Address:Madathilvalappil(H) Madakkathara P.O Vellanikkara ,Thrissur**

**PIN:680654**

**Kerala**

**Age: 39**

**Education: High School**

**Size of land holding (in acre):0.1**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Tuber Crop	Tapioca	0.03 Acre	4 Q	6000	4200
Pulses	Cowpea	0.05 Acre	3.5 Q	10500	8800
Spices	Chilli	0.02 Acre	1 Q	1000	800
<b>Total</b>				<b>17500</b>	<b>13800</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Tuber Crop	Tapioca	0.03 Acre	6Q	10800	9600	50	128.6
Pulses	Cowpea	0.05 Acre	5.25Q	18375	18275	50	107.7
Spices	Chilli	0.02 Acre	1.3Q	1950	1450	30	81.3
<b>Total</b>				<b>31125</b>	<b>29325</b>		<b>112.50</b>

**Brief:** Her major Produce were Cowpea, Chilli and tapioca and from which she used to get an annual income of Rs.13800/- only. The main challenges that she faced were low productivity in spite of application of the prescribed fertilizers.Also there was a difficulty of managing diseases in chilli. With the adoption of IPDM as a part of the DFI interventions, the occurrence of diseases reduced, which in turn improved the yield. Soil was tested, following which application of Sampoorna was suggested. This has improved the productivity and her annual income increased to Rs. 29325/-.





Name Of Farmer: Vasu T V

Address: Thottingal House Elannad P O Thrissur,680586

Kerala

Age: 65

Education: Lower Primary

Size Of Land Holding (In Acre): 1

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Cucurbits 1	Pumpkin	0.2 acre	20 Q	40000	16000
Cucurbits 2	Ash gourd	0.2 acre	20 Q	40000	19000
Cucurbits 3	Snake gourd	0.2 acre	20 Q	50000	22000
Livestock	Cow	2 No	2440 L	92720	55000
<b>Total</b>				<b>222720</b>	<b>112000</b>

## 2) Status In 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Cucurbits 1	Pumpkin	0.2 acre	20Q	44000	24000	0	50
Cucurbits 2	Ash gourd	0.2 acre	50Q	100000	45000	150	136.8
Cucurbits 3	Snake gourd	0.2 acre	40Q	120000	55000	100	150
Livestock	Cow	2 No	3500L	161000	100000	43	81.8
<b>Total</b>				<b>425000</b>	<b>224000</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs 112000/- from Pumpkin, Snake Gourd, Ash Gourd, Cow etc. The productivity of snake gourd was largely affected by pest attack and also the low soil fertility which was exacerbated by the unscientific application of fertilizers. Low productivity and silent oestrus of cattle was also a problem faced by him. With DFI Interventions such as training on vegetable cultivation and integrated pest management protocols adoption, scientific application of fertilizers after assessment of the soil fertility status, scientific feeding of cattle with micronutrient supplementation his annual income has increased to Rs 224000/-.



Name of farmer: Latha

Address: Oravumada(H) vazhod, Elanad P.O Thrissur PIN:680586  
Kerala

Age: 51

Education: SSLC

Size of land holding (in acre):2

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Plantation Crop 1	Coconut	50 No.	1500 nos	15000	7500
Plantation Crop 2	Rubber	300 No.	3 Q	60000	30000
Plantation Crop 3	Arecanut	300 No.	3 Q	150000	79000
Spices 1	Pepper	50 No.	0.5 Q	15000	8250
<b>Total</b>				<b>240000</b>	<b>124750</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Plantation Crop 1	Coconut	50 No.	3000 Nos	30000	15000	100	100
Plantation Crop 2	Rubber	300 No.	6 Q	120000	60000	100	100
Plantation Crop 3	Arecanut	300 No.	5 Q	250000	160000	66.66	102.5
Spices 1	Pepper	50 No.	0.75 Q	22500	15000	50	81.8
<b>Total</b>				<b>422500</b>	<b>250000</b>		<b>100.4</b>

**Brief:** The farmer used to get annual income of Rs.124750/- from Rubber, coconut, Arecanut and pepper She faced problems like pests, diseases and nutrient deficiency. With DFI interventions like adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar and Sampoorna, her annual income has increased to Rs. 250000/-.





**Effect of DFI intervention**

**Name of farmer: Rajanarayanan T V**  
**Address: Venkita Nivas, Kaniyarcod P.O**  
**Thiruvilwamala, Thrissur**  
**Kerala 680594**

**Name of KVK: Thrissur**

**Kerala**  
**Age: 44**  
**Education: Degree**  
**Size of land holding (in acre): 10**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numb	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 2	Areca nut	650 Nos	26 Q	253500	145000
Field Crop 3	Coconut	220 Nos	15400 Nos.	298000	238000
Hort. Crop 1	Banana	3 Acres	27 Q	216573	147638
Livestock 1	Cow	1 Nos	1220 Litres	46360	46360
<b>Total</b>				<b>858533</b>	<b>609148</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 2	Areca nut	650 Nos	32.5 Q	640500	530000	25.0	265
Field Crop 3	Coconut	220 Nos	20900 Nos.	329000	316000	35.7	32.8
Hort. Crop 1	Banana	3 Acres	30 Q	425909	329864	11	123.4
Livestock 1	Cow	1 Nos	1220 Litres	54900	54900	0	18.42
Vegetable crop 1	Cowpea	0.25 Acre	15 Q	52500	47500	100	100
<b>Total</b>				<b>1561894</b>	<b>1318964</b>		<b>116.5</b>

**Brief:** The farmer used to get annual income of Rs. 609148 from paddy, banana, arecanut, coconut, cattle etc. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc. and the additional cultivation of cowpea, his annual income has increased to Rs 1318964.



During 2020



**Effect of DFI intervention**

**Name of KVK: Thrissur**

**Name of farmer: Ajay Pulikkal**  
**Address: Pulikkalparambil House**  
**Kerala**  
**Age: 47**  
**Education: PDC**  
**Size of land holding (in acre): 0.6**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/Nos)		
Hort. Crop 1	Banana	0.6 Acre	34.5 Q	131306	70400
<b>Total</b>				<b>131306</b>	<b>70400</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/Nos)				
Hort. Crop 1	Banana	0.6 Acre	41.2 Q	178125	140959	19.42	100
<b>Total</b>				<b>178125</b>	<b>140959</b>		<b>100.22</b>

**Brief:** The farmer used to get annual income of Rs.70400/- from banana etc. He faced problems like micro nutrient deficiencies, pests and diseases etc. With DFI interventions like supply of Ayar, Nanma, Pseudomonas etc., he is getting annual income of Rs 1,40,959/- . In addition, there is cost saving of Rs.23,139/- in the production of banana especially due to the addition of Ayar and biopesticides.



During 2016-17



During 2020-21



Name of farmer: Devadas T.V.

Address: Thekkekalam House, Kumbalakod P.O.

Pazhayannur

Kerala

Age: 60

Education: SSLC

Size of land holding (in acre): 2.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 acres	32 Q	84000	69000
Livestock 1	Cow	2 Nos.	3650 L	127750	83950
<b>Total</b>				<b>211750</b>	<b>152950</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2 acres	68 Q	178500	158500	112.5	129.7
Livestock 1	Cow	2 nos.	4380	219000	153300	20	82.6
<b>Total</b>				<b>397500</b>	<b>311800</b>		<b>103.8</b>

**Brief:** The farmer used to get annual income of Rs. 152950 from paddy and cattle. He faced problems like pests, diseases, nutrient deficiency etc. With DFI interventions like application of Pseudomonas, Trichocards, KAU Sampurna etc., timely technical support in agriculture and AH sector, he now earns an annual income of Rs 311800.



During 2017



During 2020



## Effect of DFI intervention

Name of KVK: Thrissur

**Name of farmer: Pradeepkumar**  
**Address: Nadathara House, Chelakkara**  
**Kerala**  
**Age: 52**  
**Education: Degree**  
**Size of land holding (in acre): 2.2**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/Nos)		
Field Crop 1	Paddy	1.2 Acre	25 Q	36500	21500
Hort. Crop 1	Banana	0.2 Acre	10 Q	50000	30000
Hort. Crop 2	Cowpea	0.7 Acre	10 Q	30000	10000
Hort. Crop 3	Bhindi	0.3 Acre	4 Q	10000	5000
Hort. Crop 4	Bitter gourd	0.3 Acre	7.5 Q	25000	5000
Livestock 1	Cow	2 Nos.	3250 L	162500	92500
<b>Total</b>				<b>314000</b>	<b>164000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/Nos)				
Field Crop 1	Paddy	1.2 Acre	37 Q	48500	37500	48	74.4
Hort. Crop 1	Banana	0.2 Acre	18 Q	78000	68000	80	126.7
Hort. Crop 2	Cowpea	162500	18 Q	67400	46400	80	364
Hort. Crop 3	Bhindi	0.3 Acre	6 Q	15000	8000	50	60
Hort. Crop 4	Bitter gourd	0.3 Acre	8 Q	30000	9000	6.7	80
Livestock 1	Cow	2 Nos.	5850 L	227500	162500	80	75.7
<b>Total</b>				<b>466400</b>	<b>331400</b>		<b>102.07</b>

**Brief:** The farmer used to get annual income of Rs. 164000 from paddy, banana, cowpea, bhindi, bittergourd, cattle etc. He faced problems like pests, diseases, nutrient deficiency, low milk yield etc. With DFI interventions like KAU Raksha, Pseudomonas, Ayar, Sampoorna etc., trainings and timely technical support he is now getting annual income of Rs. 331400. In addition, there is cost saving of Rs. 4000 in the production of paddy.



During 2017



During 2020



**Effect of DFI intervention**  
**Name of farmer: Mathew C P**

**Name of KVK: KVK Thrissur**

**Address: Chundathu House, Marottichal P.O, Thrissur, PIN 680014**  
**Kerala**  
**Age: 57 years**  
**Education: Tenth (fail)**  
**Size of land holding (in acre): 2**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Spices	Nutmeg	1 acre	1 Q	25000	20000
Plantation	Coconut	2 acre	8000 Nuts	90000	16500
Livestock 1	Cattle	5 Nos	6100 L	250000	100000
<b>Total</b>				<b>365000</b>	<b>136500</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Spices 1	Nutmeg	1 acre	1.1 Q	37400	31000	10	55
Plantation	Coconut	2 acre	9500 Nuts	115000	21500	18.75	30
Livestock 1	Cattle	6 Nos	10675 L	491000	267000	75	167
<b>Total</b>				<b>643400</b>	<b>319500</b>		<b>134.07</b>

**Brief:** The farmer's main agricultural crops included nutmeg and coconut along with cattle rearing, his annual income amounted to Rs. 136500. He faced problems like flood, market price fluctuations, pest problems, subclinical mastitis and infertility issues. With DFI interventions like advice to minimize losses due to pests, proper management, technical support from KVK and Krishi bhavans through the supply of fertilizers, advises with regard to reduce the cost of milk production and minimize losses due to diseases- infertility, mastitis and better market price for produce, he is getting annual income of Rs 319500.



2017



2020



**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer: Damodaran**

**Address: Modikkil (H) Marottichal P.O, Thrissur Kerala**

**Age: 61 years**

**Education: Seventh standard**

**Size of land holding (in acre): 0.75**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre) Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.75 acre	45 Q	150000	30000
Livestock	Cow	2 nos	2440L	85400	25620
<b>Total</b>				<b>235400</b>	<b>55620</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Banana	0.75 acre	50Q	200000	55000	11.11	83.3
Livestock	Cow	4 Nos	6100L	256200	89670	150	250
<b>Total</b>				<b>456200</b>	<b>144670</b>		<b>160.10</b>

He faced problems like loss of soil fertility due to floods which tended to increase the cost of production and also faced problems with market price fluctuations with the banana cultivation and had low producing cattle. With DFI interventions like advice to improve the soil fertility, use changalikodan var, technical support, linkages with KB for supply of fertilizers and better marketing channels for produce and with scientific backing of the cattle rearing activities he is getting annual income of Rs. 144670.



2017



2020



Name of farmer: V P George

Address: Vallikolil House, Marottichal P O, Thrissur Kerala

Age: 56 years

Education: 7<sup>th</sup>

Size of land holding (in acre): 1.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	400 Nos	32Q	45000	15000
Spices	Nutmeg	50 Nos	1 Q	40000	21000
Plantation	Coconut	40 Nos	3500 nuts	35000	5000
Total				<b>120000</b>	<b>41000</b>

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort Crop 1	Banana	500 Nos	40Q	152000	32000	25	113
Spices	Nutmeg	50 Nos	1.1Q	45000	30000	10	42.9
Plantation	Coconut	35 Nos	4200 nuts	45000	20000	2019	300
Total				<b>242000</b>	<b>82000</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 41000/- from different enterprises. The main problems that he faced was his dependence on the local market for the produce which yielded very less profit, he also had issues with regard to low soil fertility and also lacked a scientific approach in application of fertilizers which in turn increased the cost of production, the coconut yield was also affected by pest which resulted in lower returns. With DFI interventions through KVKs like timely technical advice to manage pest and disease problems, trainings on enhancement of soil fertility by adopting a scientific approach and support from Krishi bhavans through the supply of fertilizers for area enhancement and finding better marketing points he is getting annual income of Rs. 82,000/-.



2017



2020



Name of farmer: Balakrishnan T V

Address: Thuruthiyil (H) , Karamuck, Kandassankadavu, Thrissur 680 613 Kerala

Age: 55 years

Education: PG

Size of land holding (in acre):1.1

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.1 Acre	25 Q	71000	33000
Livestock	Goat	5 Nos.	255L	15300	6120
Total				<b>86300</b>	<b>39120</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.1 Acre	39 Q	100800	59800	56	81
Livestock	Goat	8 Nos	516L	36120	19866	102	224
Total				<b>136920</b>	<b>79666</b>		<b>103.64</b>

**Brief:** The farmer used to get annual income of Rs.39120 from paddy and from goat husbandry. He faced problems like pests and diseases, fertilizer insufficiency and reduced performance from the goats. With DFI interventions like technical advice to minimize losses, supply of KAU Sampoorna, bioinputs and biopesticides including fish amino acid and by employing the goat stock replacement he could achieve an annual income of Rs. 79666.





Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: Parameswaran

Address: Puthethathu House ,Kandassankadavu , Thrissur Kerala

Age: 61 years

Education: Graduation

Size of land holding (in acre): 0.25

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.25 Acre	12 Q	25200	10080
Livestock	Cow	2 Nos	1830L	65880	28146
Total				<b>91080</b>	<b>38226</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.1 Acre	39 Q	100800	59800	56	81
Livestock	Goat	8 Nos	516L	36120	19866	102	224
Total				<b>136920</b>	<b>79666</b>		<b>108.40</b>

**Brief:** The farmer used to get annual income of Rs. 38226/- from paddy cultivation and from dairy farm. He faced problems like loss of soil fertility due to floods which tended to increase the cost of production and also faced problems with market price fluctuations and covid related difficulties. With DFI interventions like timely technical advice to improve the soil fertility and better market price for produce and by strengthening the cattle stock and by employing scientific feeding practices, he is getting annual income of Rs. 79666/-





## Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: Vijayan N.K

Address: Nambiyath House, Karamuck, Kandassankadavu. Thrissur Kerala

Age: 59 years

Education: Graduation

Size of land holding (in acre): 0.83

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.83Acre	24.5 Q	44100	21000
Total				<b>44100</b>	<b>21000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.83 Acre	40.6 Q	109620	43848	65.7	109
Total				<b>109620</b>	<b>43848</b>		<b>108.8</b>

**Brief:** The farmer used to get annual income of Rs. 21000/- from different enterprises. He faced problems like floods, pest problems, COVID crisis which affected the marketing of the produce etc. With DFI interventions like timely technical advice to manage pest and disease problems and support from KVK and KB through the supply of fertilizers and selection of HYV he is getting annual income of Rs. 43848/-. An increase of income by 108% is observed.





Name of farmer: P.D.Sunil

Address: Pottekkattu House, Kandassankadav P.O. Thrissur  
Kerala

Age: 57 years

Education: Graduation

Size of land holding (in acre): 1

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 Acre	24 Q	43200	18440
Total				<b>43200</b>	<b>18440</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1 Acre	30. Q	83106	37398	25.00	103
Total				<b>83106</b>	<b>37398</b>		<b>102.81</b>

**Brief:** The farmer used to get annual income of Rs. 18440/- from various enterprises. He faced problems like market price fluctuations, pest and disease in crops and covid related lock down issues. With DFI interventions like timely technical advice to manage pest and disease problems and support from krishi bhavans through the supply of fertilizers and better market price for produce, he is getting annual income of Rs.37398/-.





**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer: Surjith V.N**

**Address: Vadassery House , Kandassankadavu. Mampully, Thrissur**

**Kerala**

**Age: 48 years**

**Education: UG**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4 Acre	72 Q	254000	130000
Livestock	Cow	2 Nos	1220L	43920	13176
Total				<b>297920</b>	<b>143176</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	4 Acre	116 Q	366000	240000	61.11 Q	84.6
Livestock	Cow	3Nos	3660L	157380	47214	200	258
Total				<b>523380</b>	<b>287214</b>		<b>100.60</b>

**Brief:** The farmer's main agricultural crops is paddy and he has a cattle rearing unit also and his annual income amounted to Rs.1.43 lakhs. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like advice to minimize losses due to floods and support from krishibhavans through the supply of fertilizers and by replacing the cattle stock. He could achieve an annual income of Rs. 2.87 lakhs.





## Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: P.N. Shanmughan

Address: Potttekkat House, Palazhi, Kandassankadavu Thrissur

Kerala

Age: 58 years

Education: High school

Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.8 Acre	10 Q	24500	11500
Livestock	Cattle	3 Nos	4110L	147960	44388
Total				<b>172460</b>	<b>55888</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.8Acre	18 Q	38200	20200	80	75.65
Livestock	Cattle	3Nos	5490	263520	105408	34	137
Total				<b>301720</b>	<b>125608</b>		<b>124.75</b>

**Brief:** The farmer's main agricultural produce is paddy and milk and his annual income amounted to Rs. 55888/-. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like technical know how on HYV, timely technical advice to minimize losses due to pests and diseases and support from krishibhavans through the supply of fertilizers and by getting trained in scientific cattle management practices, he could achieve an annual income of Rs. 125608/-





## Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: Shaji Kumar V.

Address: Vellovvaikath Mana., Palazhi, Kandassankadavu Thrissur

Kerala

Age: 58 years

Education: Graduate

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5 Acre	30 Q	54000	20500
Total				<b>54000</b>	<b>20500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.5Acre	38 Q	102600	41040	26.7	100
Total				<b>102600</b>	<b>41040</b>		<b>100.19</b>

**Brief:** The farmer's main agricultural crops is paddy and his annual income amounted to Rs. 20500. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like advice to minimize losses due to pests, diseases etc. and support from krishibhavans through the supply of fertilizers, his income increases to Rs. 41040/- after the intervention.





**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer: Unnikrishnan T.**

**Address:Thuruthiyath House, KandassankadavuThrissur**

**Kerala**

**Age: 58 years**

**Education: Post Graduate**

**Size of land holding (in acre): 0.8**

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.8 Acre	10.5 Q	34700	10100
Total				<b>34700</b>	<b>10100</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.8Acre	16 Q	45250	20250	52.38	100
Total				<b>45250</b>	<b>20250</b>		<b>100.49</b>

**Brief:** The farmer's main agricultural crops is paddy and his annual income amounted to Rs. 10100/-. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like advice to minimize losses and support from krishibhavans through the supply of fertilizers. Now he is getting an increased income of 20250/.





Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: Gokul V

Address: Vellovvaikath Mana, Kandassankadavu Thrissur

Kerala

Age: 51 years

Education: Post Graduate

Size of land holding (in acre): 0.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.75 Acre	9 Q	31200	11600
Total				<b>31200</b>	<b>11600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.75Acre	15 Q	44250	23250	66.67	100
Total				44250	23250		100.43

**Brief:** The farmer's main agricultural crops is paddy and his annual income amounted to Rs. 11600 Lakhs. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like technical advice to minimize losses, and support from krishibhavans through the supply of fertilizers. A 100 % increase in income in paddy farming and was observed.





## Effect of DFI intervention

Name of KVK: KVK Thrissur

Name of farmer: M. B. Mohanan

Address: Mukkapuzha House, Kandassankadavu Thrissur Kerala

Age: 63 years

Education: High school

Size of land holding (in acre):0.60

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2017)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.6 Acre	10	22700	5400
	Coconut	25 Nos	2000 Nos	16000	6000
Total				<b>38700</b>	<b>11400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/Nos)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.8 Acre	18 Q	32900	13900	80.00	157.4
	Coconut	25 Nos	2300 Nos	22000	9000	15	50.00
Total				<b>54900</b>	<b>22900</b>		<b>100.88</b>

**Brief:** The farmer's main agricultural crops is paddy and coconut and his annual income amounted to Rs. 11400/-. He faced problems like flood, market price fluctuations and covid related lock down issues. With DFI interventions like advice to minimize losses and support from krishibhavans through the supply of fertilizers, an income increase by 100.88 % was observed.





**Effect of DFI intervention**

**Name of KVK: KVK Thrissur**

**Name of farmer: Mani**

**Address: Chembankkattil, Kumbalathodu P O, Pazhayannur, Thrissur Kerala**

**Age: 74 years**

**Education: Ninth Std.**

**Size of land holding (in acre): 0.5**

**1) Before Intervention**

Component Description		Benchmark			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cowpea (2 seasons)	1 acre	5 Q	14000	7800
Hort. Crop 2	Bitter gourd	0.5 acre	5 Q	12500	9000
Plantation	Coconut	20 nos	316 nos	8700	5000
Livestock 1	Cow	2 nos.	2440 L	87840	23352
Other enterprise (Specify)	Coconut (oil)	-	20L	2600	2100
<b>Total</b>				<b>125640</b>	<b>47252</b>

**2) Status in 2020**

Component Description		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	Cowpea (2 seasons)	1 acre	7 Q	21000	12000	40	53
Hort. Crop 2	Bitter gourd	0.5 acre	8 Q	24000	14000	60	55
Plantation	Coconut	20 nos	400 nos	11700	6700	25	34
Livestock 1	Cows	2 nos.	3050 L	137250	54900	25	135
Other enterprise (Specify)	Coconut (oil)		42L	8820	7600	111	261.9
<b>Total</b>				<b>202770</b>	<b>95200</b>		<b>101.00</b>

**Brief:** The farmer now earns annual income of Rs. 95200/- compared to earlier income of Rs. 47252/- per annum. He faced problems like market price fluctuations, pest and disease in crops and covid related lock down issues. With DFI interventions like trainings and timely advisory services for the management of manage pest and disease problems and support from krishibhavans through the supply of seeds and fertilizers for vegetable cultivation, and better market price for produce, scientific cattle management practices.





**Name of farmer: T.K Ali**

**Address: Thekkethil(H)**

**Kombalakode P.O Pazhayannur**

**Thrissur PIN:680587**

**Kerala**

**Age:58**

**Education: Lower Primary**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Cucurbits 1	Snake Gourd	0.2 Acre	10Q	27000	16500
Cucurbits 2	Ash Gourd	0.2 Acre	8Q	6400	3900
Cucurbits 3	Pumpkin	0.2 Acre	9Q	7200	3000
Spices 1	Turmeric	0.5 Acre	12 Q	14400	5800
Spices 2	Ginger	0.5 Acre	12.5 Q	31250	16000
Horti Crop 1	Banana	100 No.	7Q	24500	9500
Total				<b>110750</b>	<b>54700</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Cucurbits 1	Snake Gourd	0.2 Acre	14Q	42000	30000	40	81.81
Cucurbits 2	Ash Gourd	0.2 Acre	10Q	12000	8500	25	117.95
Cucurbits 3	Pumpkin	0.2 Acre	11Q	11000	6270	22	109
Spices 1	Turmeric	0.5 Acre	16Q	33600	11760	33	102
Spices 2	Ginger	0.5 Acre	15Q	54000	35500	20	121.9
Horti Crop 1	Banana	100 No.	8.5Q	34000	18000	21	89.4
Total				<b>119000</b>	<b>110,030</b>		<b>101.15</b>

**Brief:** The farmer used to get annual income of Rs. 54700/- from ginger, turmeric, banana and vegetables. With DFI interventions such as soil management in a scientific manner following expert advises, adoption of integrated pest management the productivity of all the agricultural produce increased. Through DFI interventions a stable market linkage was also established which gave better returns and thus his annual income increased to Rs. 110030/-





**Name of farmer: Jose K V**  
**Address: Kalliparambil (H)**  
**Marottichal P.O,**  
**680014**

**Kerala**

**Age: 69**

**Education: Lower Primary**

**Size of land holding (in**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	50 No	3.5 Q	12250	4750
Plantation Crop 1	Coconut	50 No	2000 no	18000	4000
Plantation Crop 2	Rubber	200 No	2Q	31000	5000
Plantation Crop 3	Arecanut	50 No	0.5 Q	12500	5500
Spices 1	Nutmeg	100 No	1.5 Q	90000	54000
<b>Total</b>				<b>163750</b>	<b>73250</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti Crop 1	Banana	50 No	4Q	16000	8500	14.2	79
Plantation Crop 1	Coconut	50 No	2250	27000	7000	12.5	75
Plantation Crop 2	Rubber	200 No	3Q	48600	9600	50	92
Plantation Crop 3	Arecanut	50 No	0.7Q	21000	13000	40	136
Spices 1	Nutmeg	100 No	2.5Q	125000	110000	67	104
<b>Total</b>				<b>194600</b>	<b>148100</b>		<b>102.18</b>

**Brief:** The farmer used to get annual income of Rs. 73250/- from banana, arecanut, coconut, rubber etc. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar and Sampoorana, his annual income has increased to Rs 148100/-





**Effect of DFI**  
**Name of farmer:Baby K.V**  
**Address:Kalparambil(H)**  
**Marottichal P.O Thrissur**  
**PIN:680014**  
**Kerala Age: 64**  
**Education: B.Ed**  
**Size of land holding (in acre):1.05**

**Name of KVK: KVK**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	100 No.	8 Q	28000	11200
Plantation Crop 1	Coconut	40 No.	1800 nos	16200	4200
Plantation Crop 2	Rubber	200 No.	2 Q	31000	7550
Plantation Crop 3	Arecanut	25 No.	0.5Q	12550	9050
Spices 1	Nutmeg	200 No.	2 Q	43200	19000
<b>Total</b>				<b>130950</b>	<b>51000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	100 No.	9Q	36000	16500	12.5	47.32
Plantation Crop 1	Coconut	40 No.	2400Nos.	28800	7200	33	71
Plantation Crop 2	Rubber	200 No.	3Q	47100	14850	50	96.68
Plantation Crop 3	Arecanut	25 No.	1Q	30000	18600	100	105
Spices 1	Nutmeg	200 No.	3.7Q	83250	45000	85	136.8
<b>Total</b>				<b>225150</b>	<b>102150</b>		<b>100.29</b>

**Brief:** The farmer used to get annual income of Rs. 51000/- from banana, coconut, rubber, arecanut and nutmeg. The challenges he faced was with regard to reduced production due to poor soil fertility, diseases and pest. With DFI interventions like adoption of IPDM, application of Sampoorana and with proper market linkages his annual income has increased to Rs 102150/-



P





**Name of farmer: Joseph**  
**Address: Chirakuzhy(H)**  
**Marottichal P.O Thrissur PIN: 680014**  
**Age: 60**  
**Education: SSC**  
**Size of land holding (in acre): 3**

### 1) Before

#### Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Hen	5600 No.	896000 nos	5376000	1490000
Plantation Crop 1	Coconut	70 No.	2800 nos	28000	10000
Plantation Crop 2	Rubber	300 No.	2Q	31000	6200
Plantation Crop 3	Arecanut	100 No.	3Q	75000	15000
<b>Total</b>				<b>5510000</b>	<b>1521200</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Livestock 1	Hen	6000 No.	1200000	9600000	2890000	34	94
Plantation Crop 1	Coconut	70 No.	3500	52500	27500	25	175
Plantation Crop 2	Rubber	300 No.	3Q	48600	20000	50	222
Plantation Crop 3	Arecanut	100 No.	3.5Q	105000	64600	17	331
Vegetable Crop 1	Bittergourd	0.5 acre	23Q	55200	50200	>100	>100
<b>Total</b>				<b>9861300</b>	<b>3052300</b>		<b>100.65</b>

**Brief:** The farmer used to get annual income of Rs. 1521200/- from layer poultry rearing, rubber, arecanut and coconut. Following DFI interventions like scientific advise on the rearing of improved varieties of layer birds, capacity building in the field of rubber tapping and thus employing the family members his production cost decreased and also he was able to combat nutrient deficiency by the scientific application of fertilizers his income has increased to Rs. 3052300/-





**Name of farmer:**Nainan P.S

**Address:**Pathrakulam(H)

**Kumbalakode P.O Potta,Pazhayannur**

**PIN:**680587

**Kerala**

**Age:** 63

**Education:** Upper Primary

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

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 Acre	30 Q	44100	10950
Cucurbits 1	Pumpkin	0.2 Acre	9Q	7200	2200
Cucurbits 2	Ashgourd	0.2 Acre	8 Q	6400	2000
Cucurbits 3	Snakegourd	0.2 Acre	2Q	5000	1500
Total				<b>62700</b>	<b>16650</b>

## 2) Status in 2020

Component Description		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 Acre	40Q	60000	23000	33	110
Cucurbits 1	Pumpkin	0.2 Acre	11Q	11000	4400	22	100
Cucurbits 2	Ashgourd	0.2 Acre	10Q	10000	4000	25	100
Cucurbits 3	Snakegourd	0.2 Acre	3Q	8400	2100	50	40
Total				18400	33500		101.20

**Brief:** The farmer used to get annual income of Rs. 16650/- from Paddy and vegetables. The problems he faced was reduced productivity due to pests, diseases among vegetables and reduced soil fertility which was aggravated by unscientific fertilizer applications. With the adoption of IPDM, application of Sampoorna his annual income has increased to Rs 33500/-





**Effect of DFI**  
**Name of farmer: Sajeew V.I**  
**Address: Vadakkanadiyil(H)**  
**Marottichal P.O Thrissur**  
**PIN: 680014**  
**Kerala Age: 51**  
**Education: Plus Two**  
**Size of land holding (in acre): 6.5**

**Name of KVK: KVK**

**1) Before**

**Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	1200 No.	84Q	235200	101200
Plantation Crop 1	Coconut	60 No.	2100 nos	18900	5670
Plantation Crop 2	Rubber	100 No.	1 Q	15500	4650
Plantation Crop 3	Arecanut	200 No.	2 Q	50000	20000
Spices 1	Nutmeg	50 No.	3.75 Q	81000	28350
<b>Total</b>				<b>400600</b>	<b>159870</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	1200 No.	108Q	453600	228600	29	125.9
Plantation Crop 1	Coconut	60 No.	3300 Nos	39600	11088	57	96
Plantation Crop 2	Rubber	100 No.	1.5Q	24300	8505	50	83
Plantation Crop 3	Arecanut	200 No.	3Q	90000	31500	50	50
Spices 1	Nutmeg	50 No.	4Q	90000	40500	7	43
<b>Total</b>				<b>697500</b>	<b>320193</b>		<b>100.41</b>

**Brief:** The farmer used to get annual income of Rs. 159870/- from banana, coconut, rubber, arecanut and nutmeg. He faced problems like low productivity caused specially by nutrient deficiency and pests. With DFI interventions trainings on scientific management of pest, application of Sampoorna, Ayar which improved the productivity that his annual income has increased to Rs 320193/-



**Effect of DFI****Name of KVK: KVK****Name of farmer: T.K Sadasivan****Address: Thandassery(H)****Marottichal P.O Thrissur****PIN: 680014****Kerala****Age: 57****Education:****SSLC****Size of land holding (in acre): 6****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	2500 No.	150Q	375000	93750
Plantation Crop 1	Coconut	40 No.	1600 Nos.	14400	5040
Plantation Crop 2	Rubber	100 No.	0.5Q	7750	2700
Plantation Crop 3	Areca nut	800 No.	8Q	200000	40000
Spices 1	Nutmeg	10 No.	0.5Q	10800	7560
<b>Total</b>				<b>607950</b>	<b>149050</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	2500 No.	212Q	678400	169600	41	81
Plantation Crop 1	Coconut	40 No.	2200 Nos.	26400	8976	38	78
Plantation Crop 2	Rubber	100 No.	1Q	16200	7290	100	170
Plantation Crop 3	Areca nut	800 No.	12Q	360000	144000	50	260
Spices 1	Nutmeg	10 No.	1Q	21600	14040	100	86
<b>Total</b>				<b>1081000</b>	<b>343906</b>		<b>130.73</b>

**Brief:** The farmer used to get annual income of Rs. 149050/-from banana,coconut, Rubber, Arecanut and Nutmeg. The Dfi Interventions such as adoption of IPDM helped to increase the yield from arecanut. He also was benefitted with the supply of fertilizers from Krishi bhavans also he changed the variety of banana and with these DFI interventions, his annual income has increased to Rs. 343906/-



**Effect of DFI****Name of KVK: KVK****Name of farmer:Subran C.K****Address:Chenthurthi(H)****Mechara P.O Kodaserry Thrissur PIN:680721****Kerala****Age:62****Education: Lower Primary****Size of land holding (in acre):2.5****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Goat	2 No.	150L	10500	6000
Plantation Crop 1	Coconut	40 No.	1600 Nos	12800	5120
Plantation Crop 2	Arecanut	300 No.	1.5Q	30000	16500
Spices 1	Nutmeg	200 No.	4Q	80000	48000
<b>Total</b>				<b>133300</b>	<b>75620</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Livestock 1	Goat	2 No.	170L	14450	8670	13	45
Plantation Crop 1	Coconut	40 No.	2000 Nos	24000	9600	25	88
Plantation Crop 2	Areanut	300 No.	3Q	105000	63000	100	281
Spices 1	Nutmeg	200 No.	6Q	135000	70200	50	46
<b>Total</b>				<b>278450</b>	<b>151470</b>		<b>100.30</b>

**Brief:** The farmer used to get annual income of Rs. 75620/- goat rearing, coconut, arecanut and nutmeg plantations. He faced problems with reduced soil fertility and nutrient deficiency which was corrected with DFI interventions of scientific application of fertilizers and also he received training in INM and with these interventions his annual income has increased to Rs 151470/-



**Effect of DFI****Name of KVK: KVK****Name of farmer: Thomas****Antony****Address: Elavummoottil(H)****Marottichal P.O****Thrissur PIN: 680014****Kerala Age: 46****Education: SSLC****Size of land holding (in acre): 2.5****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	700 No.	49 Q	122500	40875
Plantation Crop 1	Coconut	50 No.	1500 nos	13500	5400
Plantation Crop 2	Rubber	300 No.	3 Q	45000	15750
Livestock 1	Cow	1 No.	1500 L	54000	24300
<b>Total</b>				<b>235000</b>	<b>86325</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	700 No.	63Q	201600	64512	29	58
Plantation Crop 1	Coconut	50 No.	2250 Nos	24750	9405	50	74
Plantation Crop 2	Rubber	300 No.	4Q	64000	25600	33	63
Livestock 1	Cow	3 No.	5490L	247050	74115	266	205
<b>Total</b>				<b>537400</b>	<b>173632</b>		<b>101.13</b>

**Brief:** The farmer used to get annual income of Rs. 86325/-. He was involved in cattle rearing and cultivation of Banana, coconut and rubber. The major activities that gave him profits were cattle rearing and Banana. The problems he faced were with regard to lack of proper market for his produce, low productivity of coconut due to nutrient deficiency and pest. With DFI interventions he adopted IPDM and applied Ayar and sampoorna which increased the productivity of banana and coconut. He also purchased CB cattle with higher productivity and his annual income has increased to Rs 173632/-





**Name of farmer: Ramkumar**

**Address: Thonoor(H)**

**Elanad P.O Chelakkara ,Thrissur**

**PIN:680586**

**Kerala**

**Age: 65**

**Education:**

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	250 No.	19Q	47500	17100
Plantation Crop 1	Coconut	80 No.	3600 Nos	32400	16848
Plantation Crop 2	Rubber	100 No.	1 Q	15500	6510
Livestock	Cow	2 No.	2700L	97200	29020
<b>Total</b>				<b>192600</b>	<b>69478</b>

## 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	250 No.	21Q	79800	27930	11	63
Plantation Crop 1	Coconut	80 No.	4400Nos.	52800	18480	22	10
Plantation Crop 2	Rubber	100 No.	2Q	32000	12160	100	87
Livestock	Cow	3 No.	4500L	202500	81000	67	179
<b>Total</b>				<b>367100</b>	<b>139570</b>		<b>100.88</b>

**Brief:** The farmer used to get annual income of Rs.69478/-. His problems included lack of good market linkages to sell the produce for a fair price and pest infestation. With adoption of IPDM and through DFI interventions he was able to establish a good market linkage, and his annual income has increased to Rs 139570/- He also started the cultivation of vegetables the income was yet to compute





## Effect of DFI

Name of KVK: KVK

Name of farmer: Narayanan

Address: Machampilli (H)

Mannamangalam P O

Mannamangalam PIN: 680014

Kerala

Age: 64

Education: Lower Primary

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.)
Livestock 1	Cow	2 No.	3050L	109800	42410
Hort. Crop 1	Banana	200 No.	15Q	42000	16800
Cucurbits Crop 1	Ash gourd	0.2 Acre.	8 Q	6400	2880
Cucurbits Crop 2	Pumpkin	0.5 Acre.	22Q	22000	13200
Cucurbits Crop 3	Snake gourd	0.5 Acre.	28Q	56000	28000
Total				<b>236200</b>	<b>103290</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Livestock 1	Cow	2 No.	4000L	180000	99000	31	100
Hort. Crop 1	Banana	200 No.	18Q	63000	34650	20	106
Cucurbits Crop 1	Ash gourd	0.2 Acre.	10Q	12000	6000	25	108
Cucurbits Crop 2	Pumpkin	0.5 Acre.	28Q	33600	18488	27	40
Cucurbits Crop 3	Snakguard	0.5 Acre.	30Q	90000	49500	7	77
Total				<b>375600</b>	<b>207638</b>		<b>101.02</b>

**Brief:** The farmer used to get annual income of Rs. 103290/- from banana, cow, ash gourd etc. He faced problems like pests, diseases and nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Ayar, Samporna etc., his annual income has increased to Rs 207638 /-





**Name of farmer: Kunjumon**

**Address: Chenakuzhiyil (H)**

**Mannamangalam P O Murikumpara**

**PIN: 680014**

**Kerala**

**Age: 66**

**Education: Upper Primary**

**Size of land holding (in acre): 2**

### 1) 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	Banana	500 No.	40 Q	116000	34800
Cucurbits Crop 1	Ash gourd	0.5 Acre	20 Q	20000	5000
Cucurbits Crop 2	Pumpkin	0.5 Acre	22Q	22000	7700
Cucurbits Crop 3	Snakguard	0.5 Acre	27Q	55000	22000
Total				213000	69500

### 2) Status in 2020

Component Description		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	Banana	500 No.	45Q	202500	91125	12.5	161.85
Cucurbits Crop 1	Ash gourd	0.5 Acre	26Q	31200	14040	30	181
Cucurbits Crop 2	Pumpkin	0.5 Acre	28Q	33600	13440	27	75
Cucurbits Crop 3	Snakguard	0.5 Acre	30Q	75000	31500	11	43.18
Total				<b>342300</b>	<b>150105</b>		<b>115.97</b>

**Brief:** The farmer used to get annual income of Rs. 69500/- from banana, pumpkin, ash gourd etc. He faced problems like lack of proper market for selling the vegetables, diseases and nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs 150105





Name of Farmer: Shiji Johnson

Address: Peenikkaparamban (H) Chattikulam

P.O Chalakudy , Thrissur 680721

Kerala

Age: 48

Education:

B.Com

Size of land holding (in acre): 8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	200 No	14 Q	40600	12180
Plantation Crop 1	Coconut	200 No	5000 nos	45000	13500
Plantation Crop 2	Arecanut	300 No	3 Q	75000	30000
Spices 1	Nutmeg	200 No	15 Q	315000	117000
Total				<b>475000</b>	<b>172680</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Horti Crop 1	Banana	200 No	18Q	72000	32400	29	166
Plantation Crop 1	Coconut	200 No	8000 Nos	96000	43200	60	220
Plantation Crop 2	Arecanut	300 No	4Q	120000	72000	33	140
Spices 1	Nutmeg	200 No	20Q	464000	198000	33	69
Total				<b>752000</b>	<b>345600</b>		<b>100.13</b>

**Brief:** The farmer used to get annual income of Rs. 172680 from nutmeg, banana, arecanut, coconut, etc. the problems he had were that of low soil fertility resulting in nutrient deficiency, low water availability and lack of scientific agricultural practices. With DFI interventions such as trainings, adoption of IPDM, application of bio fertilizers and adoption of micro-irrigation techniques his annual income has increased to Rs 345600/.





### Effect of DFI

Name of KVK: KVK

Name of farmer: Unnikrishnan K.V

Address: Kunnath (H)

Potta, Kumbalakode P O Pazhayannur  
, Thrissur PIN: 680587

Kerala

Age: 52

Education: Lower Primary

Size of land holding (in

#### 1) Before

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	Banana	20 No.	1.6 Q	4800	1680
Cucurbits Crop 1	Ash gourd	0.2 Acre	8Q	8000	2560
Cucurbits Crop 2	Pumpkin	0.2 Acre	9Q	9000	2700
Cucurbits Crop 3	Snakgourd	0.2 Acre	11Q	24200	6860
<b>Total</b>				<b>46000</b>	<b>13800</b>

#### 2) Status in 2020

Component Description		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	Banana	20 No.	1.8Q	7200	3240	13	93
Cucurbits Crop 1	Ash gourd	0.2 Acre	10Q	12000	4800	25	88
Cucurbits Crop 2	Pumpkin	0.2 Acre	11Q	13200	5280	22	96
Cucurbits Crop 3	Snakguard	0.2 Acre	12Q	36000	14400	9	98
<b>Total</b>				<b>64800</b>	<b>27720</b>		<b>100.86</b>

**Brief:** The farmer used to get annual income of Rs.13800/- from banana, pumpkin, ash gourd etc. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Ayar, Sampoorna, his annual income has increased to Rs 27720/-



Pho





**Name of farmer: Princy**  
**Wilson Address: Pattath (H)**  
**P O Chattikullam 680721**

**Kerala**

**Age: 38**

**Education:**

**B.Ed**

**Size of land holding (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.)
Horti Crop 1	Banana	100 No	7Q	21000	6300
Plantation Crop 1	Coconut	10 No	300 nos	3000	1500
Plantation Crop 2	Arecanut	25 No	0.3Q	7500	2250
Livestock 1	Hen	20 No	3600 nos	10800	7800
Livestock 2	Goat	2 No	96L	6720	2352
Spices 1	Nutmeg	20 No	15 Q	99000	91000
<b>Total</b>				<b>148020</b>	<b>111202</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	100 No	9Q	36000	14400	29	129
Plantation Crop 1	Coconut	10 No	400Nos	4400	2640	33	76
Plantation Crop 2	Arecanut	25 No	0.5Q	15000	6000	67	166
Livestock 1	Hen	20 No	4400Nos.	35200	12320	22	58
Livestock 2	Goat	2 No	132L	9240	5080	38	115
Spices 1	Nutmeg	20 No	18Q	405000	182250	20	100
<b>Total</b>				<b>504840</b>	<b>222690</b>		<b>100.25</b>

**Brief:** The farmer used to get annual income of Rs. 111202/- from banana, arecanut, coconut, nutmeg , goat , etc. he faced problems due to unscientific practices and also was affected by pest menace. With DFI interventions of providing training on scientific farming, use of micro irrigation techniques, application of bio fertilizers his annual income has increased to Rs 222690/



**Effect of DFI****Name of KVK: KVK****Name of farmer: Abraham TS****Address: Thuruthichira(H)****Pullanikkad R.S P.O, Thrissur****PIN: 680623****Kerala Age: 59****Education: PDC****Size of land holding (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.)
Hort. Crop 1	Banana	0.6	33.54	107328	45528
Tuber Crop 1	Tapioca	0.1	23.409	37454	31054
Tuber Crop 2	Tania	0.02	1.478	5618	3558
Tuber Crop 3	Amorphophallus	0.02	2.968	7420	4570
Total				<b>157820</b>	<b>84710</b>

**2) Status in 2020**

Component Description		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	Banana	0.6	41.172	185274	103816	23	128
Tuber Crop 1	Tapioca	0.1	31.586	78965	71665	35	131
Tuber Crop 2	Tania	0.02	2.395	10779	8259	62	132
Tuber Crop 3	Amorphophallus	0.02	4.464	13392	10257	50	124
Total				<b>288410</b>	<b>193997</b>		<b>129.01</b>

**Brief:** The farmer used to get annual income of Rs. 84710 from Banana, Tapioca, Tania, Amorphophallus etc. He faced problems like imbalanced fertilizer application, Mosaic disease in Tapioca , fusarium wilt in Banana etc. With DFI interventions like FLD, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.193997.



During 2017



During 2020

**Effect of DFI****Name of KVK: KVK****Name of farmer: Philip Mathews****Address: Puthiyamadam(H)****Vasanth Vihar, Pattikkad P.O Thrissur****PIN: 680652****Kerala Age: 61****Education: MA****Size of land holding (in acre): 4****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Coconut	50 No.	1500 nos	15000	7500
Plantation Crop 2	Rubber	300 No.	3 Q	60000	16500
Plantation Crop 3	Areca nut	300 No.	3 Q	150000	80000
Spices 1	Pepper	50 No.	0.5 Q	15000	9250
<b>Total</b>				<b>240000</b>	<b>113250</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Coconut	50 No.	3000 Nos	30000	15000	100	100
Plantation Crop 2	Rubber	300 No.	5Q	100000	45000	66.66	173
Plantation Crop 3	Areca nut	300 No.	4Q	200000	150000	33.33	87.5
Spices 1	Pepper	50 No.	1 Q	30000	18000	100	94.6
<b>Total</b>				<b>100000</b>	<b>228000</b>		<b>101.32</b>

**Brief:** The farmer used to get annual income of Rs. 113250/- from rubber, coconut, areca nut & pepper. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs 228000/-



During 2017



During 2020



### Effect of DFI

Name of KVK: KVK

Name of farmer: Mohammed Iqbal CA

Address: Chembeth(H)

Akkikkavu P.O Thrissur

PIN: 680652

Kerala Age: 31

Education: Plus Two

Size of land holding (in acre): 0.10

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horticultural Crop 1	Amorphophallus	100 No.	1Q	1500	800
<b>Total</b>				<b>1500</b>	<b>800</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horticultural Crop 1	Amorphophallus	100 No.	2 Q	3000	1500	100	100
<b>Total</b>				<b>3000</b>	<b>1500</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 750 from Amorphophallus. He faced problems like low yield due to nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs.1500.



During 2017  
During 2017



During 2020  
During 2020



### Effect of DFI

Name of KVK: KVK

Name of farmer: Inasu KA

Address: Kanjirathungal(H)

Iravimngalam P.O, Thrissur

PIN: 680751

Kerala Age: 65

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

Size of land holding (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.)
Plantation Crop 1	Nutmeg	50 No.	0.5 Q	65000	33000
Total				<b>65000</b>	<b>33000</b>

## 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Nutmeg	70 No.	1.05 Q	136500	66500	110	101.5
Total				<b>136500</b>	<b>66500</b>		<b>101.5</b>

**Brief:** The farmer used to get annual income of Rs.33000 from Nutmeg. He faced problems like pests, diseases, nutrient deficiency and marketing problems. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs. 66500.



During 2017



During 2020



**Effect of DFI**  
**Name of farmer:PI James**  
**Address:Palamattathu Kuttiyl(H)**  
**Chalakkudy P.O, Thrissur**  
**PIN:680307**  
**Kerala**  
**Age: 54**  
**Education:SSLC**  
**Size of land holding (in acre):0.5**

**Name of KVK: KVK**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Coconut	20 No.	600 nos	6000	3000
Plantation Crop 2	Nutmeg	50 No.	1.5 Q	60000	30000
Plantation Crop 3	Arecanut	20 No.	0.60 Q	18000	9000
Livestock	Cattle	1 No.	5000 L	175000	80000
<b>Total</b>				<b>259000</b>	<b>122000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Coconut	20 No.	1000 Nos	10000	5000	66.66	66.66
Plantation Crop 2	Nutmeg	50 No.	2 Q	80000	40000	33.33	33.33
Plantation Crop 3	Arecanut	20 No.	1 Q	40000	25000	67	178
Livestock	Cattle	1 No.	9000	376000	180000	80	125
<b>Total</b>				<b>506000</b>	<b>250000</b>		<b>104.92</b>

**Brief:** The farmer used to get annual income of Rs.122000/- from Coconut,Arecanut, Nutmeg, Cattle etc. He faced problems like pests, diseases, nutrient deficiency and marketing problems. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs. 250000/-



During 2017



During 2020

**Effect of DFI****Name of KVK: KVK****Name of farmer: Jyothy Sankar****Address: Pandarathil(H)****Puranattukara P.O, Thrissur****PIN: 680551****Kerala Age: 60****Education: BA****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.)
Plantation Crop 1	Coconut	20 No.	600 nos	7200	4000
Plantation Crop 2	Nutmeg	100 No.	3 Q	120000	65000
Plantation Crop 3	Banana	1000	70 Q	280000	90000
<b>Total</b>				<b>407200</b>	<b>159000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Coconut	20 No.	1000 Nos	18000	8200	66.66	95.24
Plantation Crop 2	Nutmeg	100 No.	5 Q	225000	125000	66.66	89.4
Plantation Crop 3	Banana	1000 No.	120 Q	480000	185000	71.42	106
<b>Total</b>				<b>723000</b>	<b>318200</b>		<b>100.12</b>

**Brief:** The farmer used to get annual income of Rs. 159000/- from Coconut, Nutmeg and Banana. He faced problems like pests, diseases, nutrient deficiency and marketing problems. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs. 318200 /-



During 2017



During 2020



**Effect of DFI**  
**Name of farmer: Ouseph KG**  
**Address: Panachikkattil(H)**  
**Chalakkudy P.O,**  
**Thrissur PIN: 680307**  
**Kerala Age: 63**  
**Education: PDC**  
**Size of land holding (in acre): 2**

**Name of KVK: KVK**

### 1) 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. Crops	Rubber
Hort crops	Nutmeg	0.75 Acre	6.5Q	250000	120000
<b>Total</b>				<b>430000</b>	<b>210000</b>

### 2) Status in 2020

Component Description		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 Crops	Rubber
Hort. Crops	Nutmeg	0.75 acre	7Q	275000	225000	7.7	87.50
Hort crops	Rambootan	50 nos	5.5Q	100000	70000	>100	>100
Fisheries		0.07 Acre	5Q	75000	50000	>100	>100
<b>Total</b>				<b>600000</b>	<b>445000</b>		<b>111.9</b>

**Brief:** The farmer used to get annual income of Rs. 210000/- from Rubber, Nutmeg. He faced problems like health and family issues, lack of support from family. With DFI interventions like training in exotic fruit cultivation, support from krishi bhavan, he is getting annual income of Rs 445000/-.



During 2017



During 2020



**Name of farmer: Sherly George**  
**Address: Chowalloor(H)**  
**Enkakkadu P.O, Wadakkancherry PIN:680307**  
**Kerala Age: 58**  
**Education: SSLC**  
**Size of land holding (in acre):0.86**

### 1) 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	Banana	0.65	35.98	115149	48199
Tuber Crop 1	Tapioca	0.2	48.52	77629	64829
Tuber Crop 2	Amorphophallus	0.25	39.27	98166	62533
Spice crop 1	Ginger	0.05	8.01	60103	54103
Spice crop 2	Turmeric	0.05	15.84	47525	44025
Vegetable crop 1	Cowpea	0.01	4.05	11341	6514
<b>Total</b>				<b>409913</b>	<b>280203</b>

### 2) Status in 2020

Component Description		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	Banana	0.65Acre	44.83 Q	201731	113485	25	135
Tuber Crop 1	Tapioca	0.2 Acre	64.72 Q	161805	147205	33	127
Tuber Crop 2	Amorphophalus	0.25 Acre	57.33 Q	171983	132787	46	112.35
Spice crop 1	Ginger	0.05 Acre	11.81 Q	135823	129173	47	139
Spice crop 2	Turmeric	0.05 Acre	19.26 Q	96300	92600	22	110
Vegetable crop 1	Cowpea	0.01 Acre	5.64 Q	19756	14896	39	129
<b>Total</b>				<b>787398</b>	<b>630146</b>		<b>124.89</b>

**Brief:** The farmer used to get annual income of Rs.280203 from Cowpea, Banana, Amorphophallus, Tapioca, Ginger, Turmeric etc. He faced problems like poor soil health, fungal diseases in amorphophallus etc. With DFI interventions like soil health management, FLD, trainings, Advisories etc., he is getting annual income of Rs. 630146.



During 2017



During 2020

**Effect of DFI****Name of KVK: KVK****Name of farmer: Raveesh MR****Address: Mundanthara(H)****Orumanayoor P.O, Thrissur****PIN: 680622****Kerala Age: 42****Education: Civil Engineering****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 Crops	Banana	1 Acre	82 Q	180000	120000
Hort. Crops	Coconut	12 Nos	300 nuts	6300	4000
Hort. Crops	Arecanut	30 Nos	0.25 Q	5000	3400
<b>Total</b>				<b>191300</b>	<b>127400</b>

**2) Status in 2020**

Component Description		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 Crops	Banana	1.2 Acre	88Q	220000	175000	7.32	45
Hort. Crops	Coconut	16 nos	420 nuts	10000	7500	40	87.5
Hort Crops	Amorphophallus	2000 nos	6000 kg	150000	100000	>100	>100
Hort. Crops	Black Pepper	0.5 Acre	1.5Q	35000	22000	>100	>100
<b>Total</b>				<b>415000</b>	<b>304500</b>		<b>139.01</b>

**Brief:** The farmer used to get annual income of Rs. 127400/- from Banana, Arecanut, Coconut. He faced problems like nut fall in coconut, lack of labours, health issues. With DFI interventions like training in inter cropping methods, Support from krishi bhavan through SHM he is getting annual income of Rs 304500/-.



During 2017



During 2020



Name of farmer: Dhaneesha EK  
Address: Kakkanattu(H)  
Chittattukara P.O, Thrissur  
PIN: 680307

Kerala Age: 43  
Education: +2  
Size of land holding (in acre): 1.5 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.)
Hort Crops	Banana	500 nos	6000 kg	180000	80000
Hort. Crops	Ginger	0.2 Acre	1000 kg	48000	30000
Livestock	Cow	2 Nos	6100L	200000	110000
<b>Total</b>				<b>428000</b>	<b>220000</b>

## 2) Status in 2020

Component Description		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 Crops	Banana	0.75 Acre	8000 kg	280000	200000	33	150
Hort. Crops	Ginger	0.2 Acre	1200 kg	72000	55000	20	83
Hort Crops	Turmeric	0.2 Acre	700 kg	18000	12000	>100	>100
Livestock	Cow	4 Nos	10675L	400000	220000	75	100
<b>Total</b>				<b>770000</b>	<b>487000</b>		<b>121.36</b>

**Brief:** The farmer used to get annual income of Rs. 220000/- from Banana, Ginger, Cow. He faced problems like pest attack in banana, disease problems in ginger. With DFI interventions like training in use of bio inputs as a preventive measure against pest and disease from KVK, he is getting annual income of Rs **487000/-**.



During 2017



During 2020

**Effect of DFI****Name of KVK: KVK****Name of farmer: Subrahmanyan V.S****Address: Vettuvanthra (H)****Thalikulam P.O Thrissur****PIN:680 569****Kerala Age: 65****Education: Professional; School level****Size of land holding (in acre): 3 acre****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Plantation Crop 1	Coconut	150 No.	4500 Nos	54000	32000
Plantation Crop 2	Rice	1.5 acre	10 Q	20000	10500
Total				<b>74000</b>	<b>42500</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	production	income
			(Q/Liter/No.)				
Plantation Crop 1	Coconut	150 No.	6000 Nos	90000	65000	33	103
Field crop 1	Rice	1.5 acre	15 Q	32250	20250	50	92.85
Total				122250	85250		100.58

**Brief:** The farmer used to get annual income of Rs 42500 from Rice and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs. 85250.



**Effect of DFI****Name of KVK: KVK****Name of farmer: E.P. Raveendran****Address: Eranezhuth(H)****Thalikulam P.O Thrissur****PIN:680 569****Kerala Age: 70****Education: Technical****Size of land holding (in acre): 5****1) Before**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	0.5 acre	27 Q	54000	28000
Plantation Crop 1	Coconut	0.6 acre	1520 no	21280	9280
Plantation Crop 2	Arecanut	28 Nos	0.5	15000	13000
Field Crop 1	Rice	1 Acre	10 Q	18000	8500
Spices 1	Garcinea	10 Nos	0.75	20500	16000
<b>Total</b>				<b>128780</b>	<b>74780</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti Crop 1	Banana	0.5 acre	40 Q	92000	70500	48.14	151.8
Plantation Crop 1	Coconut	0.6 acre	1920 no	34560	17060	26.32	83.84
Plantation Crop 2	Arecanut	28 Nos	0.65	30000	24000	30	85
Field Crop 1	Rice	1 Acre	12Q	24000	16500	20	94
Spices 1	Garcinea	10 Nos	0.8	26500	22000	7	38
<b>Total</b>				<b>207060</b>	<b>150060</b>		<b>100.66</b>

**Brief:** The farmer used to get annual income of Rs 74780 from Banana, Arecanut, Rice, Garcenia and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs. 150060.





### Effect of DFI

Name of KVK: KVK

Name of farmer: Ashokan C.V.

Address: Chittangara (H)

Amballoor P.O

Thrissur PIN:680

Kerala Age: 65

Education:

SSLC

Size of land holding (in acre): 3.5

1) Before

2) Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	400 Nos	50 Q	80000	57000
Plantation Crop 1	Coconut	80Nos	3200	38400	30200
Plantation Crop 2	Nutmeg	50 Nos	0.3 Q	6000	5000
Plantation Crop 3	Arecanut	50 Nos	0.6 Q	24000	20000
Spices 1	Pepper	50 Nos	12	44000	34000
Total				<b>204000</b>	<b>146200</b>

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
Horti Crop 1	Banana	1200 Nos	100Q	200000	140000	100	145.6
Plantation Crop 1	Coconut	80 Nos	4000	70000	55000	25	82
Plantation Crop 2	Nutmeg	50 Nos	0.5 Q	10000	8500	67	70
Plantation Crop 3	Arecanut	50 Nos	1Q	55000	35000	67	75
Spices 1	Pepper	50 Nos	15	64000	54000	25	59
Total				<b>399000</b>	<b>292500</b>		<b>100.06</b>

**Brief:** The farmer used to get annual income of Rs.146200 from Banana, Arecanut, Nutmeg, Pepper and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs. 292500.



**Effect of DFI****Name of KVK: KVK****Name of farmer: Somashekharan V****Address: Vallath (H)****Thalikulam P.O Thrissur****PIN:680 569****Kerala Age: 75****Education: Graduation****Size of land holding (in acre): 4.5**
**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.)
Plantation Crop 1	Coconut	3 Acre	4500 no	54000	37200
Horti Crop 1	Banana	1 Acre	64 Q	128000	80000
Vegetables	Vegetables	0.5 Acre	5Q	10000	6000
Total				<b>192000</b>	<b>123200</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Plantation Crop 1	Coconut	3 Acres	6300 no	94500	69500	43	87
Horti Crop 1	Banana	1 Acre	90 Q	211500	168700	40.63	110.70
Vegetables	Vegetable	0.5 Acres	6Q	13200	8200	20	36.66
Total				<b>319200</b>	<b>246400</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 123200 from Banana, Vegetables and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs. 246400.





**Name of farmer: Prasad Kanath**  
**Kanath House,**  
**Kundaliyoor, P.O.**

**Kerala**

**Age: 53**

**Education: School Level**

**Size of land holding (in acre): 2.6 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.)
Plantation Crop 1	Coconut	0.6 Acre	1120 no	15680	8700
Field Crop 1	Rice	2 Acre	12 Q	24000	10000
Total				<b>39680</b>	<b>18700</b>

## 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Plantation Crop 1	Coconut	0.6 Acre	1520	25080	19080	35.71	116.8
Spices 1	Field Crop 1	2 Acre	15 Q	33000	18500	>100	>100
Total				58080	37580		100.96

**Brief:** The farmer used to get annual income of Rs. 18700 from Rice and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs. 37580.



**Effect of DFI****Name of KVK: KVK**

**Name of farmer: Velayudhan**  
**Neeratty House**  
**Thoyakkavu**  
**P.O.**

**Kerala****Age: 61****Education: School Level****Size of land holding (in acre): 1acre**

**1) Before Intervention**

Component 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	0.8 Acres	8 Q	17600	8100
Plantation crop 1	Coconut	0.2 Acres	380 no	5320	2320
Total				<b>22920</b>	<b>10420</b>

**2) Status in 2020**

Component Description		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	Rice	0.8 Acres	10 Q	25000	16500	25	91.86
Plantation Crop 1	Coconut	0.2 Acres	450 no	7200	4700	18.42	100
Total				<b>32200</b>	<b>21200</b>		<b>103.45</b>

**Brief:** The farmer used to get annual income of Rs 10420 from Rice and Coconut. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna, micro irrigation techniques etc., his annual income has increased to Rs. 21200.



**Effect of DFI****Name of KVK: KVK****Name of farmer: Prabhakaran K.R.****Address: Kottayil House Thonoorkara P.O.,  
Chelakkara, Thrissur PIN: 680586****Kerala****Age: 70****Education: Predegree****Size of land holding (in acre): 5****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 Acres	30 Q	43200	30900
Horti Crop 1	Banana	3 Acres	27 Q	100000	37000
Total				143200	67900

**2) Status in 2020**

Component Description		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	2.0 Acre	35Q	60000	42000	16.67	35.9
Horti Crop 1	Banana	3 Acres	30 Q	176000	96000	11.11	159.5
Total				176000	138000		<b>103.24</b>

**Brief:** The farmer used to get annual income of Rs143200/-. The main agricultural produce were paddy and banana. He faced low productivity and higher cost of production in paddy and banana. With DFI interventions like facilitating market linkages he was able to get a better price for his produce and with the application of Ayar and adoption of IPDM, the low productivity was overcome, with these interventions his annual income increased to Rs. 176000/-.



Name of farmer: Nasar V

Address: Thijas Manzil

Vazhani P.O Wadakkanchery, Thrissur

PIN: 680582

Kerala

Age: 51

Education:

Degree

Size of land holding (in acre): 10

## 1) Before Intervention

Component 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	10 Acres	200 Q	480000	405000
Total				<b>480000</b>	<b>405000</b>

## 2) Status in 2020

Component Description		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	10 Acres	320 Q	896000	868000	60	114.3
Total				896000	868000	60	<b>114.32</b>

**Brief:** The farmer used to get annual income of Rs. 405000/-. The main agricultural produce is rice. He faced low productivity, pest and disease incidence and higher cost of production in rice. With DFI interventions like facilitating market linkages and with the adoption of IPDM, his annual income increased to Rs. 868000/-.



**Name Of Farmer: Krishnanunni**  
**Address: Thonnoorkkara Chelakkara Thrissur**  
**Kerala Age: 54**  
**Education: Diploma**  
**Size Of Land Holding (In Acre): 0.64**



### 1) Before Intervention

Component Description		Benchmark (Baseline Period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation 1	Coconut	0.25 acre	5Q	15000	10,000
Fruit crop 1	Banana	0.24 acre	20Q	52000	30,000
Total				67000	40,000

### 2) Status in 2020

Component Description		Period 2020-21				% Increase Over Base Year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation 1	Coconut	0.25 acre	7Q	21000	15,000	40	50
Plantation 2	Arecanut	0.15acre	5Q	25000	15000	>100	>100
Fruit crop 1	Banana	0.24 acre	24Q	72,000	50,000	20	66.7
Total				118000	80,000		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs 40,000 from Coconut, Arecanut and Banana. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs.80,000.



During 2017



During 2020



**Effect of DFI**

**Name of KVK: KVK**

**Name of farmer:Gopi T.M.**

**Address:Thandamparambil House Elinjipra P.O Thrissur**

**PIN:680721**

**Kerala**

**Age: 59**

**Education:**

**Degree**

**Size of land holding (in acre): 2**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Banana	300 No.	33 Q	131150	70805
Total				<b>131150</b>	<b>70805</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Banana	500 No.	54.5 Q	228125	154959	65.2	119
Total				<b>228125</b>	<b>154959</b>		<b>118.85</b>

**Brief:** The farmer used to get annual income of Rs. 70805/-. The main agricultural produce was banana. He faced low productivity and higher cost of production in banana. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Ayar, the low productivity from banana was overcome, with these interventions his annual income increased to Rs. 154959/-.





**Name Of Farmer: Rithul C D**  
**Address: Chalissery kuttukarn(H)**  
**Eravu P O, Arimpur**  
**Thrissur, 680620**

**Kerala Age: 31**

**Education:**

**Degree**

**Size Of Land Holding (In Acre): 2.1**

## 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	Rice	1.5 acre	15Q	40500	15500
Vegetables	Vegetables	0.6 acre	3.8Q	7800	3800
Total				<b>48300</b>	<b>19300</b>

## 2) Status in 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 crops 1	Rice	1.5 acre	18 Q	54000	27000	20	74.19
Vegetables	Vegetables	0.6 acre	6.45Q	13275	6775	69.74	78.28
Livesock 1	Cow	1 No	1300 l	59800	9940	>100	>100
Total				<b>127075</b>	<b>43715</b>		<b>126.50</b>

**Brief:** The farmer used to get annual income of Rs 19,300 from Rice and Vegetables. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc. and the introduction of livestock, his annual income has increased to Rs. 43715.





**Name Of Farmer: Abdul Majeed K S**

**Address: Pallivasal**

**Thiruvilwamala**

**Thrissur**

**Kerala**

**Age: 58**

**Education:**

**SSLC**

**Size Of Land Holding (In Acre): 6**

### 1) Before Intervention

Component Description		Benchmark (Baseline Period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Cereals 1	Rice	5 acre	8 T	2,20,000	65,000
Fruit crop 1	Banana	1 acre	52 Q	104000	64000
Total				<b>324000</b>	<b>129000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase Over Base Year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Cereals 1	Rice	5 acre	11 T	3,08,000	1,23,000	37.5	75.71
Fruit crop 1	Banana (Nendran)	1 acre	81 Q	178200	135200	55.77	111.94
Total				<b>486200</b>	<b>258200</b>		<b>100.15</b>

**Brief:** The farmer used to get annual income of Rs 129000 from Rice and Banana. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, micro irrigation techniques etc., his annual income has increased to Rs 258200.



During 2017



During 2020



**Name of farmer: M Muraleedharan**

**Address: Kannukuzhiyal, Kumbalakkodu P O, Pazhayanoor, Thrissur Kerala**

**Age: 56 years**

**Education: SSLC**

**Size of land holding (in acre): 1.5 acres**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2019)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Coconut	50 nos	1500 nos	37500	27500
Hort. Crop 2	Arecanut	300 no.s	90 Q	25000	15000
Livestock 1	cow	2	4000 L	120000	95000
<b>Total</b>				<b>182500</b>	<b>137500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Coconut	50 nos	2250 nos	72000	52000	50	89
Hort Crop 1	Arecanut	300 no.s	100 Q	48000	30000	11	100
Hort. Crop 3	Coleus & Turmeric (Fld)	35 cents	18 Q	63000	55000	>100	>100
Livestock 1	cows	2	4320 L	210000	174000	8	83
<b>Total</b>				<b>393000</b>	<b>311000</b>		<b>126.18</b>

**Brief:** The farmer used to get annual income of Rs. 137500/- from different enterprises. He faced problems like wild animal attacks in fields, pest problems etc. With DFI interventions like better advice to manage pest and disease problems and support from KVKs through the supply of seeds and fertilizers for spice area enhancement through FLD/OFTs, and better market price for produce, he is getting annual income of Rs. 311000/-. An increase of income by 82 % is observed





**Name of farmer: Pramod K**

**Address: Mutilakodu kalam**

**Elanad P.O Thrissur**

**Kerala**

**Age: 49**

**Education:**

**SSLC**

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

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.5 Acre	6 Q	13200	6200
Vegetable crop	vegetable	1 Acre	20 Q	30000	16000
Plantation Crop	Rubber	1 Acre	30 Q	40000	24500
Total				<b>83200</b>	<b>46700</b>

## 2) Status in 2020

Component Description		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	Rice	0.5 Acre	7 Q	18900	10500	16	69
Vegetable crop	vegetable	1 Acre	25 Q	50000	25000	25	56
Plantation Crop	Rubber	1 Acre	40 Q	60000	34000	33.33	36
Enterprise	Poultry	40 nos	10950	49500	24000	>100	>100
Total				<b>178400</b>	<b>93500</b>		<b>100.2</b>

**Brief:** The farmer used to get annual income of Rs. 46700/-. The major crops were Rice, vegetables and rubber, He faced low productivity and higher cost of production, With DFI interventions like facilitating market linkages he was able to get a better price for his produce and with the adoption of IPDM, the low productivity from crops were overcome, with these interventions his annual income increased to Rs. 93500





Name of farmer: Vincent

Address: Pullokkaran (H)Randukai , Chaipamkuzhi  
Thrissur

Kerala

Age: 53

Education:

Degree

Size of land holding (in acre): 4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Rubber	500 Nos	100 Q	1500000	525000
Plantation Crop 2	Coconut	35 Nos	1050 Nos	16800	9750
Fruit crop 1	Banana	450 Nos	22.5Q	45000	23400
Total				1561800	558150

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Rubber	500 Nos	150 Q	2370000	1137600	50	117
Plantation Crop 2	Coconut	35Nos	1330 Nos	23990	15561	26.66	59.6
Fruit crop 1	Banana	450Nos	38.25 Q	91800	53244	70	127
Total				<b>2485790</b>	<b>1206405</b>		<b>116.14</b>

**Brief:** The farmer used to get annual income of Rs. 558150 from Rubber, Banana and Coconut. He faced problems like pests, diseases and nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of micronutrient mixture- Ayar etc., his annual income has increased to Rs 1206405/-





**Name of farmer: Jose A S**  
**Address: Arinjaniyil (H)**  
**Randukai, Thrissur**

**Kerala**  
**Age: 56**  
**Education: Collegiate**  
**Size of land holding (in acre): 2**

### 1) Before

#### Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fruit crop 1	Banana	1300 Nos	104 Q	275600	124020
Plantation crop 1	Rubber	1 acre	60 Q	912000	228000
Plantation crop 2	Coconut	60 Nos	1860 Nos	23250	7800
Plantation crop 3	Arecanut	60 Nos	2.5 Q	62500	25000
Total				<b>1273350</b>	<b>384820</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	1300 Nos	143 Q	471900	254826	37.5	105
Plantation crop 1	Rubber	1 acre	85 Q	1326000	463000	41.66	103
Plantation crop 2	Coconut	80 Nos	2640 Nos	46200	16800	41.9	115
Plantation crop 3	Arecanut	60 Nos	3.2 Q	89600	43000	28	72
Total				<b>1933700</b>	<b>777626</b>		<b>102.08</b>

**Brief:** The farmer used to get annual income of Rs. 384820 from Banana , Coconut, Arecanut and Rubber. The challenges he faced was reduced productivity due to nutrient deficiency and had increased cost of production due to unscientific fertilizer applications. With DFI interventions such as soil testing, training on scientific agricultural practices, application of micronutrient mixtures and increased availability of fertilizers through Krishi bhavans his annual income has increased to Rs 777626/-





**Name of farmer: Abhilash K T**  
**Address: Achuparambil (H)**  
**Engandiyoor P O ,Thrissur**

**Kerala**

**Age: 42**

**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.)
Tuber crop 1	Coleus	1 Acre	80 Q	1040000	676000
Tuber crop 2	Tapioca	0.5 Acre	45Q	67500	37800
Vegetables	Vegetables	0.5 Acre	3.5 Q	7700	5200
Total				<b>1115200</b>	<b>719000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Tuber crop 1	Coleus	1 Acre	120 Q	1704000	1329120	50	96.62
Tuber crop 2	Tapioca	0.5 Acre	90Q	180000	104400	100	176
Vegetables	Vegetables	0.5 Acre	6Q	15600	11076	71.42	113
Total				<b>1899600</b>	<b>1444596</b>		<b>100.91</b>

**Brief:** The farmer used to get annual income of Rs. 719000/- from Coleus, Tapioca and Vegetables. He faced problems like pests and diseases. With DFI interventions adoption of IPDM and with timely application of Pseudomonas, Metarrhizium his annual income has increased to Rs 1444596/-





**Name of farmer: Anto P G**

**Address: Puthussery Kattalan(H) Chalakkudi, Thrissur Kerala**

**Age: 58**

**Education:**

**SSLC**

**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.)
Plantation crop 1	Coconut	20 Nos	760 Nos	11400	7980
Plantation crop 2	Nutmeg	25 Nos	1.5 Q	10800	7344
Fruit crop	Banana	200 Nos	15 Q	27000	16200
Live stock	Cow	2 Nos	1224 L	44064	22914
<b>Total</b>				<b>93264</b>	<b>54438</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation crop 1	Coconut	20 Nos	880 Nos	19800	13662	15.78	71.2
Plantation crop 2	Nutmeg	40 Nos	2.8 Q	21000	13860	86.66	88.72
Fruit crop	Banana	250 Nos	25 Q	55000	39600	66.66	144
Live stock	Cow	2 Nos	1530 L	70380	45747	25	99.65
<b>Total</b>				<b>166180</b>	<b>112869</b>		<b>107.33</b>

**Brief:** The farmer used to get annual income of Rs. 54438 from Coconut, Nutmeg, Banana and Livestock. The challenges he faced included reduced productivity of coconuts due to pest infestation, nutrient deficiency and lack of better marketing channels for the milk from his farm. With DFI interventions that included adoption of IPDM, timely application of fertilizers the availability of which was ensured by the Krishibhavans and through proper markwet linkages his annual income has increased to Rs 112869/-





**Name of farmer: Deepa Babu**

**Address:**

**Nedumattummal, Kundalli  
ur Thrissur**

**Kerala**

**Age: 55**

**Education: Predegree**

**Size of land holding (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.)
Fruit crop 1	Banana	0.6 Acre	15 Q	34500	20355
Tuber crop 1	Coleus	0.2 Acre	2.5 Q	11250	6200
Vegetables	Vegetables	0.2 Acre	3.2Q	7500	4950
Total				<b>53250</b>	<b>31505</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	0.6 Acre	30 Q	79500	42135	100	107
Tuber crop 1	Coleus	0.2 Acre	4 Q	20800	12272	60	98
Vegetables	Vegetables	0.2 Acre	6 Q	14400	9850	87.5	99
Total				<b>114700</b>	<b>64257</b>		<b>103.95</b>

**Brief:** The farmer used to get annual income of Rs. 31505 from Banana, Coleus and Vegetables. She faced problems like pests, diseases, nutrient deficiency. With DFI interventions like adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorna etc., her annual income has increased to Rs 64257/-





**Name of farmer: Indira Lawrence**

**Address: Vengasseri maarath(H)Kunnathara , Kodakara Thrissur**

**Kerala**

**Age: 61**

**Education: Diploma**

**Size of land holding (in acre): 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	Rice	4 Acre	30 Q	75000	42000
Vegetables	Vegetables	2 Acre	35 Q	75250	47408
Tubers	Tapioca	1 Acre	200 Q	280000	154000
Total				<b>430250</b>	<b>243408</b>

## 2) Status in 2020

Component Description		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	Rice	4 Acre	35 Q	105000	79800	16.66	90
Vegetables	Vegetables	2 Acre	65 Q	175500	93000	85.71	96.16
Tubers	Tapioca	1 Acre	350 Q	770000	346500	75	125
Total				<b>1050500</b>	<b>519300</b>		<b>113.34</b>

**Brief:** The farmer used to get annual income of Rs. 243408 from Rice, Vegetables and Tapioca. She faced problems such as lack of proper marketing channels, pest and diseases that reduced the productivity of vegetables and increased the cost of production, with DFI interventions such as proper market linkages, identification of the nutrient deficiency by conduct of soil testing and application of Ayar, Sampoorana and with timely application of Pseudomonas against diseases her annual income has increased to Rs 519300/-





**Name of farmer: Jalish A S**  
**Address: Ambatt (H) Engandiyoor P.O, Thrissur**  
**Kerala**  
**Age: 45**  
**Education**  
**:**  
**Size of land holding (in acre): 3.5**

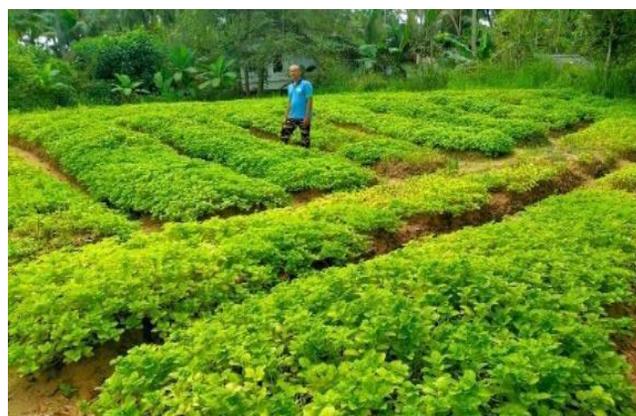
### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Tuber crop	Coleus	3 Acre	80 Q	960000	576000
Vegetables	Vegetables	0.5 Acre	4Q	10000	5500
Total				<b>970000</b>	<b>581500</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Tuber crop	Coleus	3 Acre	120 Q	1800000	1170000	50	103
Vegetables	Vegetables	0.5 Acre	6.5Q	16800	10800	62.5	96.36
Total				<b>1816800</b>	<b>1180800</b>		<b>103.06</b>

**Brief:** The farmer used to get annual income of Rs. 581500 from Coleus and Vegetables he faced problems of nutrient deficiency, pest and diseases that had reduced the productivity. With DFI interventions such as adoption of IPDM, application of micronutrient mixtures such as Ayar and Sampoorana his annual income has increased to Rs 1180800/-





Name of farmer: Jinto Sunny  
**Address: Kizhakkuden, Paryaram Thrissur  
 Kerala**  
**Age: 42**  
**Education:**  
**Degree**  
**Size of land holding (in acre): 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.)
Fruit crop 1	Banana	200 Nos	15 Q	34500	22500
Fruit crop 2	Rambutan	12 Nos	8.5 Q	114750	80325
Fruit crop 3	Mangostene	100 Nos	5Q	40000	27200
Plantation crop 1	Nutmeg	200 Nos	10 Q	58000	33700
Plantation crop 2	Rubber	600 Nos	7.5 Q	112500	69750
Total				<b>359750</b>	<b>233475</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	200 Nos	20 Q	62000	44640	33.33	98.4
Fruit crop 2	Rambutan	12 Nos	12 Q	216000	168480	41.2	109
Fruit crop 3	Mangostene	100 Nos	8 Q	76000	54720	60	101
Plantation crop 1	Nutmeg	200 Nos	14 Q	95200	68600	40	103
Plantation crop 2	Rubber	600 Nos	12 Q	189600	132720	60	90.27
Total				<b>638800</b>	<b>469160</b>		<b>100.94</b>

**Brief:** The farmer used to get annual income of Rs. 233475 from Bananna, Rambutan, Mangostene, Nutmeg and Rubber. The major issue he faced was nutrient deficiency. With DFI interventions scientific application of fertilizers and ensuring the supply of fertilizers through the Krishi bhavans his annual income has increased to Rs 469160/-





**Name of farmer: Kesavarajan**

**Address: Kodappully (H) ,**

**Thrissur Kerala**

**Age: 60 years**

**Education: Diploma**

**Size of land holding (in acre): 4.25**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2019)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1 acre	2 6 Q	65880	32200
Hort. Crop 1	Banana	30 Nos	2Q	4400	2250
Hort. Crop 2	Coconut	67 Nos	2144 no	34304	15304
Hort. Crop 3	Arecanut	30 Nos	4 Q	24000	10500
<b>Total</b>				<b>128584</b>	<b>60254</b>

### 2) Status in 2020

Component Description		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	Rice	1 Acre	30 Q	84000	65200	15.38	102
Hort. Crop 1	Banana	38 Nos	3.4Q	7480	4585	70	104
Hort. Crop 2	Coconut	67 Nos	2546 no	50920	32625	18.75	113
Hort. Crop 3	Arecanut	30 Nos	5 Q	32000	23500	25	123.8
<b>Total</b>				<b>174400</b>	<b>125910</b>		<b>109.00</b>

**Brief:** The farmer used to get annual income of Rs. 60254/- from various enterprises. He faced problems like market price fluctuations, labor shortage, pest and disease in crops and covid related lock down issues. With DFI interventions like better advice to manage pest and disease problems and support from govt. through the paddy seed procurement at a higher MSP (Supplyco), and better market price for produce, he is getting annual income of Rs. 125910/-





**Name of farmer: Manikandan C U**  
**Address: Challiyil (H) , Thrissur**  
**Kerala**  
**Age: 54 years**  
**Education: SSLC**  
**Size of land holding (in acre): 4.5**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2019)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	4.5 Acre	100 Q	215000	71500
<b>Total</b>				<b>215000</b>	<b>71500</b>

### 2) Status in 2020

Component Description		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	Rice	4.5 Acre	130 Q	357240	145000	30.00	<b>103</b>
<b>Total</b>				<b>357240</b>	<b>145000</b>		<b>102.79</b>

**Brief:** The farmer used to get annual income of Rs. 71500/- from Rice crop. He faced problems like market price fluctuations, labour shortage, pest and diseases etc. With DFI interventions like better advice to manage pest and disease problems and support from govt. through the paddy seed procurement at a higher MSP (Supplyco), and better market price for produce, he is getting annual income of Rs. 145000/-





**Name of farmer: Mohanan V A**  
**Address: Valiyavalapil (H) Elavally P O Thrissur**  
**Kerala**  
**Age: 58**  
**Education:**  
**Degree**  
**Size of land holding (in acre): 3**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Rice	1 Acre	8Q	17600	9328
Fruit crop 1	Banana	1.5 Acre	75 Q	165000	86800
Vegetables	Vegetables	0.5 Acre	8Q	16800	7560
Livestock	Cow	1 No.	1200 L	45600	31000
Total				<b>245000</b>	<b>134688</b>

### 2) Status in 2020

Component Description		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	Rice	1 Acre	10.5 Q	25200	15624	31.25	67.49
Fruit crop 1	Banana	1.5 Acre	120 Q	300000	210000	60	142
Vegetables	Vegetables	0.5 Acre	9.5Q	20900	13376	18.75	77
Livestock	Cow	3 Nos	4590 L	206550	115668	283	273
Total				<b>552650</b>	<b>354668</b>		<b>163.32</b>

**Brief:** The farmer used to get annual income of Rs. 134688 from Rice, Banana, Vegetables and Livestock. He faced problems like pests, diseases, nutrient deficiency and frequent occurrence of mastitis. With DFI interventions like scientific management of pest and diseases such as with the use of Trichocards, application of Psuedomonas and with the govt. procurement of paddy seed at higher MSP, his annual income has increased to Rs 354668/-





**Name of farmer: Praveen Gopi**

**Address: Vayakkattil (H) Kundallyur P.O, Engandiyoor, Thrissur Kerala**

**Age: 43**

**Education:**

**Btech**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Coconut	100 no	3000	42000	17000
Plantation Crop 2	Arecanut	200 no	28 Q	126000	94500
Fruit crop 1	Banana	300 no	24Q	52800	34320
Vegetables	Vegetables	0.1 acre	4 Q	8800	5500
Total				<b>229600</b>	<b>151320</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Coconut	100 no	3500	59500	36000	16.66	112
Plantation Crop 2	Arecanut	600 no	70Q	325500	227850	150	141
Fruit crop 1	Banana	500 no	45 Q	17225	70380	87.5	105
Vegetables	Vegetables	0.1 acre	6.5Q	16800	9646	62.5	75.4
Total				<b>419025</b>	<b>343876</b>		<b>156.44</b>

**Brief:** The farmer used to get annual income of Rs. 151320 from Coconut, Arecanut, Banana and Vegetables. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages he increased his production area and thus his annual income has increased to Rs 343876/-





**Name of farmer: Rajeev**  
**Address: Panikkassery (H)**  
**Thrithallur, Thrissur**

**Kerala**

**Age: 48**

**Education: Collegiate**

**Size of land holding (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.)
Fruit crop 1	Banana	0.6 Acre	18Q	36900	24354
Vegetables	Vegetables	0.4 Acre	6Q	13500	7450
Total				<b>50400</b>	<b>31804</b>

### Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	0.6 Acre	35 Q	84000	50400	94	107
Vegetables	Vegetables	0.4 Acre	9 Q	21150	14600	50	96
Total				<b>105150</b>	<b>65000</b>		<b>104.37</b>

**Brief:** The farmer used to get annual income of Rs. 31804 from Banana and Vegetables. He faced problems due to pests and diseases. With DFI interventions like adoption of IPDM, application of Pseudomonas, Metarrhizium, his annual income has increased to Rs 65000/-





**Name of farmer: Rajish T V**  
**Address: Thooprana (H), Randukai**  
**Chaipumkuzhi P O**  
**Thrissur**

**Kerala**

**Age: 42**

**Education: Diploma**

**Size of land holding (in acre): 4.05**

## 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.)
Fruit crop 1	Banana	3 acre	180 Q	504000	277200
Vegetable Crop 1	Green chilli	1acre	8 Q	256000	148480
Tuber crop 1	Coleus	0.05 acre	0.8 Q	4000	2080
<b>Total</b>				<b>764000</b>	<b>427760</b>

## 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	3 acre	240 Q	840000	554400	33.33	100
Vegetable Crop 1	Green chilli	1 acre	10 Q	400000	304000	25	105
Tuber crop 1	Coleus	0.05 acre	1 Q	5200	4000	25	92
<b>Total</b>				<b>1245200</b>	<b>862400</b>		<b>101.61</b>

**Brief:** The farmer used to get annual income of Rs. 427760 from Banana , Green chilli and Coleus. He faced problems like nutrient deficiency and lack of proper marketing channels. With DFI interventions like facilitating market linkages and with scientific application of fertilizers his annual income has increased to Rs 862400/-





**Name of farmer: Raju Sebastian**  
**Address: Meenpooru (H), Randukai Chaipumkuzhi P O**  
**Thrissur**

**Kerala**

**Age: 60**

**Education: Diploma**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation crop 1	Rubber	12 Nos	56 Q	840000	280000
Plantation crop 2	Arecanut	250 Nos	10 Q	80000	46400
Plantation crop 3	Nutmeg	15 Nos	0.8 Q	20000	11200
Livestock	Cow	1 No	1680 L	87360	42000
Total				<b>1027360</b>	<b>379600</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation crop 1	Rubber	12 Nos	72 Q	1123200	606528	28.5	116
Plantation crop 2	Arecanut	300 Nos	14 Q	123200	91500	40	97
Plantation crop 3	Nutmeg	15 Nos	1.5 Q	48000	22100	87.5	97
Livestock	Cow	2 Nos	3400 L	204000	85680	102	104
Total				<b>1498400</b>	<b>805808</b>		<b>112.27</b>

**Brief:** The farmer used to get annual income of Rs. 379600 from Rubber, arecanut, nutmeg and Livestock. He faced problems like pests, diseases, nutrient deficiency. With DFI interventions like adoption of IPDM, and scientific application of fertilizers his annual income has increased to Rs 805808/-





**Name of farmer: Sanil K D**  
**Address: Kalathil (H) Kundaliyur P O**  
**Thrissur, 680616**

**Kerala**

**Age: 53**

**Education:**

**SSLC**

**Size of land holding (in acre): 2.3**

### 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	Rice	1.3 Acre	36 Q	79200	44352
Plantation crop 1	Coconut	70 Nos	1960 no	23520	15053
Plantation crop 2	Areca nut	80 Nos	5 Q	25000	15750
Plantation crop 3	Nutmeg	40 Nos	3 Q	20400	10390
Livestock	Cow	8 Nos	20400 L	734400	352512
<b>Total</b>				<b>882520</b>	<b>438057</b>

### Status in 2020

Component Description		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	Rice	1.3 Acre	43 Q	111800	89440	19.4	102
Plantation crop 1	Coconut	70 Nos	2310 no	41580	28275	18	87.83
Plantation crop 2	Areca nut	80 Nos	7 Q	38500	30800	40	95.55
Plantation crop 3	Nutmeg	40 Nos	4 Q	28000	20720	33.33	99.42
Livestock	Cow	8 Nos	22500 L	967500	725625	10.3	106
<b>Total</b>				<b>1187380</b>	<b>894860</b>		<b>104.27</b>

**Brief:** The farmer used to get annual income of Rs. 438057 from Rice, Coconut, Areca nut, Nutmeg and Livestock. He faced problems like pest infestation and nutrient deficiency. With DFI interventions like application of Metarhizium and with timely application of fertilizers and with govt. support by procurement of paddy seeds at higher MSP, his annual income has increased to Rs 894860/-





**Name of farmer: Shaija**

**Sunilkumar Address:**

**Panamukkathu (H)**

**Thrissur**

**Kerala**

**Age: 46**

**Education: BA**

**Size of land holding (in acre): 1.28**

### 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.)
Fruit crop 1	Banana	25 Nos	2 Q	5000	3100
Field crop 1	Rice	1 acre	10 Q	22000	12760
Plantation crop 1	Coconut	50 Nos	1400	18900	10945
Plantation crop 2	Arecanut	30 Nos	1.5 Q	12750	7650
Livestock	Cow	2 Nos	3360 L	120960	58100
<b>Total</b>				<b>179610</b>	<b>92555</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Fruit crop 1	Banana	25 Nos	2.75 Q	9625	6100	37.5	97
Field crop 1	Rice	1 acre	15 Q	39000	26520	50	107
Plantation crop 1	Coconut	50 Nos	1700	28050	21550	21.4	105.3
Plantation crop 2	Arecanut	30 Nos	2.2 Q	20680	15476	46.66	102
Livestock	Cow	3 Nos	6720 L	288960	124250	100	114
<b>Total</b>				<b>386315</b>	<b>193896</b>		<b>109.49</b>

**Brief:** The farmer used to get annual income of Rs. 92555 from Rice, Banana , Coconut, Arecanut and Livestock. She faced problems like nutrient deficiency and increased incidence of mastitis and fertility issues amongst the livestock with DFI interventions such as application of Ayar, Sampurna and with adoption of scientific animal husbandry practices as well as supplementation of cattle with area specific mineral mixtures his annual income has increased to Rs 193896/-





**Name of farmer: Vargheese C A**  
**Address: Chirammel (H) Manakkodi P O**  
**Thrissur, 680012**

**Kerala**

**Age: 57**

**Education:**

**SSLC**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Rice	5 Acre	72 Q	158400	70000
Plantation crop 1	Nutmeg	75 Nos	4.5 Q	27900	15000
Plantation crop 2	Coconut	40 Nos	1280	19200	10000
Spice crop 1	Turmeric	1 Acre	2Q	12000	7800
<b>Total</b>				<b>217500</b>	<b>102800</b>

### 2) Status in 2020

Component Description		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	Rice	5 Acre	80 Q	208000	133120	11.11	90.08
Plantation crop 1	Nutmeg	75 Nos	7.5 Q	48000	36000	66.66	140
Plantation crop 2	Coconut	40 Nos	1640	34440	21352	28.12	114
Spice crop 1	Turmeric	1 Acre	4Q	25600	15360	100.00	96.92
<b>Total</b>				<b>316040</b>	<b>205832</b>		<b>106.88</b>

**Brief:** The farmer used to get annual income of Rs. 102800/- from Rice, Nutmeg, Coconut and Turmeric. He faced problems like pests, diseases, nutrient deficiency and lack of proper market. With DFI interventions like application of Pseudomonas, Metarrhizium and use of trichocards against pest and diseases and with application of micronutrient mixtures like Ayar, Sampoorana and with govt. procurement of paddy seeds at higher MSP, his annual income has increased to Rs 205832/-





**Name of farmer: Latha S S**

**Address: Sankaran thadathil (H) Mulloor, Parappoor PO Thrissur Kerala**

**Age: 51**

**Education: High school**

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

### 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	Rice	3.5 Acre	28 Q	61600	34496
Vegetables	Vegetables	1 Acre	12 Q	30000	18600
<b>Total</b>				<b>91600</b>	<b>53096</b>

### 2) Status in 2020

Component Description		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	Rice	3.5 Acre	38 Q	106400	70240	36	104
Vegetables	Vegetables	1 Acre	15 Q	48000	37440	25	101
<b>Total</b>				<b>154400</b>	<b>107680</b>		<b>102.8</b>

**Brief:** The farmer used to get annual income of Rs. 53096 from Rice and Vegetables. She faced problems like pests, disease and nutrient deficiency. With DFI interventions like adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar and Sampoorana, her annual income has increased to Rs 107680/-





**Name of farmer: Leena K G**  
**Address: Kadavil (H) Thrithallur PO Thrissur**  
**Kerala**  
**Age: 62**  
**Education:**  
**degree**  
**Size of land holding (in acre): 1.3**

### 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.)
Vegetables	Vegetables	1 Acre	10 Q	25000	16000
Plantation Crop 1	Coconut	40 Nos	1280 no	17920	9300
Fruit Crop 1	Banana	75 Nos	6 Q	16500	9240
Total				<b>59420</b>	<b>34540</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Vegetables	Vegetables	1 Acre	15Q	42000	32760	50	104
Plantation Crop 1	Coconut	40 Nos	1440 no	25920	18500	12.5	99
Fruit Crop 1	Banana	90 Nos	9.5 Q	30400	18672	58.33	102
Total				<b>98320</b>	<b>69932</b>		<b>102.47</b>

**Brief:** The farmer used to get annual income of Rs. 34540 from Vegetables, Coconut and Banana. She faced problems like pests, diseases, nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of Pseudomonas, Metarrhizium, Ayar, Sampoorana, her annual income has increased to Rs 69932/-





**Name of farmer: Maheswari**  
**Address: Nambipareechi (H)**  
**Vadanappalli, Thrissur**  
**Kerala**  
**Age: 58**  
**Education: Collegiate**  
**Size of land holding (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.)
Vegetables	Vegetables	0.6 Acre	8Q	20800	12100
Plantation Crop 1	Coconut	60 Nos	2100 no	31500	18900
Total				<b>52300</b>	<b>31000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Vegetables	Vegetables	0.8 Acre	15Q	48000	28400	87.5	135
Plantation Crop 1	Coconut	60 Nos	2580 no	47730	36900	23	95
Total				<b>95730</b>	<b>65300</b>		<b>110.64</b>

**Brief:** The farmer used to get annual income of Rs. 31000 from Vegetables and Coconut. She faced problems like pests, diseases and nutrient deficiency. With DFI interventions like adoption of IPDM, application of micronutrient mixtures such as Ayar, Sampoorna and with better market linkages, her annual income has increased to Rs 65300/-





## Effect of DFI

Name of KVK:

Name of farmer: Kannan.K

Address: Mangalathu(H), Nellani P.O Mulayam ,Thrissur

PIN:680751

Kerala

Age: 54

Education:

SSLC

Size of land holding (in acre): 2

### 1) 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	Cowpea	0.3 Acre	13Q	50760	17000
Hort. Crop 2	Banana	1 Acre	59Q	189880	86000
Hort. Crop 3	Snakegourd	0.2 Acre	7Q	35640	15000
Hort. Crop 4	Bhindi	0.05 Acre	2Q	5667	3300
Total				<b>281947</b>	<b>121300</b>

### 2) Status in 2020

Component Description		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	Cowpea	0.3 Acre	15Q	77220	39000	15	129
Hort. Crop 2	Banana	1 Acre	73Q	327060	191300	24	122
Hort. Crop 3	Snakegourd	0.2 Acre	11Q	61732	35000	57	133
Hort. Crop 4	Bhindi	0.05 Acre	3Q	9828	7400	50	124
Total				<b>475840</b>	<b>272700</b>		<b>124.8</b>

**Brief:** The farmer used to get annual income of Rs.121300/- from Banana, Bittergourd, Cowpea, Bhindi etc. He faced problems like sigatoka incidence in Banana and fusarium wilt in cowpea etc. With DFI interventions like Training, Awareness programs, Advisories such as application of Psuedomonas etc., he is getting annual income of Rs.272700/-.





**Effect of DFI**

**Name of KVK:**

**Name of farmer: Madhusoodhan C.V**

**Address: Cherrusseryvariam(H) P.O Thaikkattusery ,Thrissur**

**PIN:680322**

**Kerala**

**Age: 52**

**Education:**

**SSLC**

**Size of land holding (in acre): 2.4**

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crops	Paddy	2 Acre	34 Q	88400	60000
<b>Total</b>				<b>88400</b>	<b>60000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crops	Paddy	2 Acre	50 Q	145000	100000	47	66
Hort. Crops	Bittergourd	0.5 Acre	12 Q	100000	75000	>100	>100
<b>Total</b>				<b>245000</b>	<b>175000</b>		<b>191.67</b>

**Brief:** The farmer used to get annual income of Rs. 60000/-from paddy etc. He faced problems like weeds, labour shoratge etc. With DFI interventions like training on the use of conoweeder, brushcutter etc. and through proper market linkages, he is getting annual income of Rs 175000/- .



**Effect of DFI****Name of KVK:****Name of farmer: Abdul Manaf****Address: Tharupeedikayil(H),Kadalayi P.O Kavumathra ,Thrissur****PIN:680123****M Kerala****Age: 43****Education:Degre****Size of land holding (in acre): 0.25 own, 0.75 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 Crops	Banana	0.75 Acre	60Q	180000	80000
Hort. Crops	Tubers	0.2 Acre	32 Q	48000	30000
Livestock	Cow	2 Nos	6100L	200000	110000
<b>Total</b>				<b>428000</b>	<b>220000</b>

**2) Status in 2020**

Component Description		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 Crops	Banana	0.75 Acre	80Q	280000	200000	33	150
Hort. Crops	Tubers	0.2 Acre	42 Q	72000	55000	31.25	83
Hort Crops	Turmeric	0.2 Acre	7Q	18000	12000	>100	>100
Livestock	Cow	4 Nos	10675L	400000	220000	75	100
<b>Total</b>				<b>770000</b>	<b>487000</b>		<b>121.36</b>

**Brief:** The farmer used to get annual income of Rs. 220000/- from Banana, Ginger, Cow. He faced problems like pest attack in banana, disease problems in ginger. With DFI interventions like training in use of bio inputs as a preventive measure against pest and disease from kvk., he is getting annual income of Rs 487000/-.



**Name of farmer: Mohammed Sagheer K.M**  
**Address: Karukappadath Puthenvedu(H) Eriyad P.O**  
**,Thrissur PIN:680668**

**Kerala**

**Age: 46**

**Education: PDC & ITC**

**Size of land holding (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. Crops	Rubber	0.5 Acre	10 Q	100000	70000
Total				<b>100000</b>	<b>70000</b>

## 2) Status in 2020

Component Description		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. Crops	Tapioca	0.5	60Q	50000	40000	>100	>100
Hort. Crops	Rubber	0.5	14Q	140000	100000	40	42
Total				<b>190000</b>	<b>140000</b>		<b>100.00</b>

**Brief:** The farmer used to get annual income of Rs. 70000/- from rubber. He faced problems like tapping panel dryness, price fall. With DFI interventions like rubber tapping training, and advisories on the cultivation of tapioca, he is getting annual income of Rs 140000/-.





**Name of farmer: Saji Antony**

**Address: Chiramel(H), Nellani P.O Mulayam ,Thrissur**

**PIN:680751**

**Kerala**

**Age: 49**

**Education:**

**SSLC**

**Size of land holding (in acre): 3.2**

## 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Tapioca	0.6 Acre	53 Q	68250	27750
Field crop 2	Amorphophallus	130 nos	5Q	10400	2600
Hort. Crop 1	Coconut	15 nos	720 nos	8640	1440
Hort. Crop 2	Banana	2000 nos	150 Q	450000	165000
Hort. Cop 3	Ginger	0.30 Acre	14Q	50750	9750
<b>Total</b>					<b>206540</b>

## 2) Status in 2020

Component Description		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	Tapioca	0.6 Acre	60Q	120000	80000	13	188
Field crop 2	Amorphophallus	4000 nos	14 Q	29400	20400	180	685
Hort. Crop 1	Coconut	15 nos	840 nos	12600	5000	16.67	247
Hort. Crop 2	Banana	2000 nos	180 Q	650000	450000	20	172
Hort. Cop 3	Ginger	0.10	6Q	45000	39000	-57.1	300
Hort Crop 4	Turmeric	0.1	5 Q	10000	8000	>100	>100
<b>Total</b>				<b>867000</b>	<b>602400</b>		<b>191.66</b>

**Brief:** The farmer used to get annual income of Rs. 206540/- from tapioca, amorphophallus, coconut, banana, ginger etc. He faced problems like poor yield, soil related constraints, pest and diseases, etc. With DFI interventions like HYV, INM especially use of Ayar in banana and micronutrient mixture in ginger, IPDM, Training etc., He is getting annual income of Rs 602400/-.





**Effect of DFI** **Name of KVK:**  
**Name of farmer: Saraswathy Sivan**  
**Address: Karavattakkudy(H) P.O Kannara ,Thrissur**  
**PIN:680652**

**Kerala**  
**Age: 48**  
**Education: 8th**  
**Size of land holding (in acre): 1.6**

**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. Crops	Rubber	0.8 Acre	12Q	120000	85000
Hort. Crops	Banana	0.5 Acre	32Q	80000	62000
Livestock	Goat	6 Nos	2.5Q	100000	75000
<b>Total</b>				<b>300000</b>	<b>222000</b>

**2) Status in 2020**

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crops	Rubber	0.8 Acre	18Q	180000	140000	50	65
Hort. Crops	Banana	0.5 Acre	40 Q	144000	110000	25	77
Livestock	Goat	10 Nos	5Q	200000	150000	100	100
Livestock	Cow	4 Nos	12200L	350000	275000	>100	>100
<b>Total</b>				<b>874000</b>	<b>675000</b>		<b>204.05</b>

**Brief:** The farmer used to get annual income of Rs. 222000/- from Rubber, Banana, Goat . She faced problems like weeds, labor shortage . With DFI interventions like application of micronutrient mixtures such as Ayar and the scientific use of fertilizers for rubber as well as by being trained in the use of milking machine, She is getting annual income of Rs. 675000/-





## Effect of DFI

## Name of KVK:

**Name of farmer: Sheena Lenin**  
**Address: Pottekkat(H), Ganeshamangalam Vadanappally P.O**  
**,Thrissur PIN:680614**

**Kerala**

**Age: 35**

**Education: B-Tech-E & C**

**Size of land holding (in acre): 2.3**

### 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 Crops	Ginger	0.4 Acre	1.25Q	80000	55000
Hort. Crops	Amorphopallus	0.6 Acre	50 Q	50000	42000
Livestock	Cow	4 Nos	10675L	300000	190000
<b>Total</b>				<b>430000</b>	<b>287000</b>

### 2) Status in 2020

Component Description		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. Crops	Ginger	0.4 Acre	1.75Q	100000	87000	40	58
Hort. Crops	Amorphophallus	0.6 Acre	75Q	75000	60000	50	43
Hort. Crops	Banana	0.35 Acre	30Q	60000	48000	>100	>100
Livestock	Cow	12 Nos	36600L	700000	550000	242	189
<b>Total</b>				<b>935000</b>	<b>745000</b>		<b>159.58</b>

**Brief:** The farmer used to get annual income of Rs. 287000/- from ginger, amorphophallus, cow . She faced problems like disease for cow, pest attack, price fall. With DFI interventions like training on farm mechanization thus got skilled in the use of milking machine, brush cutter weeding etc.. which reduced the labour cost. Also she got benefitted with the adoption of IPDM and now she is getting annual income of Rs 745000/-.





**Name of farmer: Unni E.R**  
**Address: Edathaan(H) P.O Aloor ,Thrissur**  
**PIN:680683**

**Kerala**

**Age: 61**

**Education:**

**SSLC**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.5 Acre	9Q	25000	16000
Hort. Crops	Banana	250 nos	50 Q	100000	75000
Livestock	Cow	2 Nos	5490L	180000	110000
<b>Total</b>				<b>305000</b>	<b>201000</b>

### 2) Status in 2020

Component Description		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 Crops	Paddy	1 Acre	20 Q	65000	45000	122	181
Hort. Crops	Banana	400 nos	80 Q	185000	120000	60	60
Livestock	Buffalo	2 Nos	2.4Q	65000	38000	>100	>100
Livestock	Cow	3 Nos	9150L	300000	200000	66	82
<b>Total</b>				<b>615000</b>	<b>403000</b>		<b>110.99</b>

**Brief:** The farmer used to get annual income of Rs. **201000/-** from Paddy, Banana, Cow. He faced problems like pest attack in banana, lack of labours . With DFI interventions like support from krishi bhavan in paddy and banana cultivation, adoption of IPDM and application of Ayar and Sampoorna he is getting annual income of Rs 403000/-.



## intervention



**Name of farmer: Jayaprakash P.G**  
**Address: Puthiyaparambil(H) Vattappara P.O Kundukad ,Thrissur**  
**PIN:680028**

**Kerala**

**Age: 53**

**Education:**

**B.Com**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crops	Rubber	1 Acre	1.2 Q	120000	60000
Hort. Crops	Banana	200 nos	40Q	100000	60000
Hort. Crops	Coconut	200 Nos	12000 Nos	144000	104000
<b>Total</b>				<b>364000</b>	<b>224000</b>

### 2) Status in 2020

Component Description		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 Crops	Rubber	1 Acre	1.5 Q	150000	100000	25	67
Hort. Crops	Banana	300 nos	90Q	220000	150000	125	150
Livestock	Goat	3 Nos	120Kg	54000	44000	>100	>100
Hort.Crops	Coconut	200	14000 Nos	252000	212000	16.67	104
<b>Total</b>				<b>676000</b>	<b>506000</b>		<b>125.89</b>

**Brief:** The farmer used to get annual income of Rs. 224000/- from Rubber, Banana, Coconut . He faced problems like pest attack, lack of labours . With DFI interventions like use of bio inputs like pseudomonas, nanma, menma provided from kvk and with scientific training on broiler goat rearing, he is getting annual income of Rs 506000/-.



During 2017



During



## Effect of DFI

## Name of KVK:

**Name of farmer: Ashfak V.A**

**Address: Vattaparambil(H) P.O Konathukunnu ,Thrissur**

**PIN:680123**

**Kerala**

**Age: 42**

**Education:**

**Degree**

**Size of land holding (in acre): 3 acre 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. Crops	Banana	0.5 Acre	32Q	65000	50000
Livestock	Goat	2 Nos	0.8Q	36000	32000
<b>Total</b>				<b>101000</b>	<b>82000</b>

### 2) Status in 2020

Component Description		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. Crops	Banana	0.5 Acre	55Q	120000	95000	71	90
Hort. Crops	Papaya	0.5 Acre	80Q	82000	65000	100	103.13
Livestock	Goat	3	1.35Q	67500	63000	68.8	97
<b>Total</b>				<b>269500</b>	<b>223000</b>		<b>171.95</b>

**Brief:** The farmer used to get annual income of Rs. 82000/- from Banana, goat . He faced problems like lack of knowledge in proper agriculture, pest problems, market unavailability . With DFI interventions like Support for banana and papaya from krishi bhavan, Training on correct fertilizer application , Sale through krishi bhavan outlets etc., he is getting annual income of Rs 223000/-.



During 2017



During 2020



**Name of farmer: Arun Baby**

**Address: Neevumthanathu (H) Vennoor P O , Elanadu Thrissur**

**Kerala**

**Age: 39**

**Education:**

**Degree**

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

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Plantation Crop 1	Arecanut	200 Nos	12 Q	90000	40500
Plantation Crop 2	Coconut	60 Nos	1680 no	23520	13650
Vegetables	Vegetables	1 acre	6 Q	15000	8250
Total				<b>128520</b>	<b>62400</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Plantation Crop 1	Arecanut	200 Nos	20 Q	160000	81800	66.66	102
Plantation Crop 2	Coconut	60 Nos	1920 no	40320	27620	14.28	102
Vegetables	Vegetables	1 acre	8.5 Q	27625	16200	41.66	96.36
Total				<b>227945</b>	<b>125620</b>		<b>100.99</b>

**Brief:** The farmer used to get annual income of Rs. 62400 from Vegetables, Arecanut and Coconut. He faced problems like pests, diseases and nutrient deficiency. With DFI interventions like facilitating market linkages, adoption of IPDM, application of micronutrient mixture- Ayar etc., his annual income has increased to Rs 125620/-





Name of farmer: Murali A K  
 Address: Aattathara (H) Thrissur Kerala  
 Age: 53  
 Education:  
 8<sup>th</sup>  
 Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production	Gross Income (Rs.)	Net Income (Rs.)
			(Q/Liter/No.)		
Livestock	Cow	8 Nos	24960 L	898560	314500
Plantation Crop 2	Coconut	100 Nos	3200 Nos	51200	27648
Total				<b>949760</b>	<b>342148</b>

### 2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
			(Q/Liter/No.)				
Livestock	Cow	10 Nos	39000 L	1599000	639600	56.25	103.3
Plantation Crop 2	Coconut	125 Nos	4025 Nos	88550	55030	25.78	99
Total				<b>1687550</b>	<b>694830</b>		<b>103.07</b>

**Brief:** The farmer used to get annual income of Rs. 342148 from Livestock and Coconut. He faced problems like reduced production from coconut due to nutrient deficiency and pest infestation and mastitis was the problem he faced in the dairy sector. With DFI interventions like adoption of IPDM, use of Trichoderma enriched cowdung for the coconut garden and with training on clean milk production practices, his annual income has increased to Rs 694830/-

