



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: George Mathew

Address: Alumoottil house, Parathodu P.O, KottayamKerala

Age: 49

Education: M.COM

Size of land holding (in acre): 2.8 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.2	10 Q	160000	100000
Hort. Crops	Pineapple	1.4	75 Q	90000	55000
<b>Total</b>				<b>250000</b>	<b>155000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1.2	17.5 Q	262500	185000	75	85
Hort. Crops	Pineapple	1	100 Q	125000	90000	33.33	63.64
Hort. Crops	Coconut	25 nos	500 nuts/annum	11000	7500	>100	>100
Hort. Crops	Banana	200 nos	36 Q	54000	35000	>100	>100
<b>Total</b>				<b>452500</b>	<b>317500</b>		<b>104.83</b>

**Brief:** The farmer used to get annual income of Rs 155000./- from rubber, pineapple etc. He faced problems like lack of experienced labours, price fall, storage problem etc. With DFI interventions like small machineries, training in post harvest management for pineapple from KVK etc he is getting annual income of Rs 317500 /-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: PC Thomas

Address: Churangattu house, Mundakayam P.O , KottayamKerala

Age: 58

Education: 10 th

Size of land holding (in acre): 4.5 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort, Crops	Rubber	1.8	27 Q	400000	220000
Livestock	Cow	2	1500 ltr	240000	120000
<b>Total</b>				<b>640000</b>	<b>340000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	2.7	42 Q	700000	450000	55.56	104.5
Hort.Crops	Banana	0.8	5.5 Q	18000	12000	>100	>100
Livestock	Cow	4	3200 ltr	400000	220000	113.33	83.33
<b>Total</b>				<b>1118000</b>	<b>682000</b>		<b>100.58</b>

**Brief:** The farmer used to get annual income of Rs 340000./- from rubber, cow etc. He faced cattle diseases, tapping panel dryness etc. With DFI interventions like support for banana cultivation from KVK, rubber tapping machine at subsidy etc he is getting annual income of Rs 682000 /-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Saji CJ

Address: Puthiyadathukunnel house, Mundakayam, KottayamKerala

Age: 45

Education: Basic school

Size of land holding (in acre): 22 cent own & 80 cent lease

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Snakegourd	0.3	20 Q	20000	12000
Hort. Crops	Cow pea	0.35	4.5 Q	16000	12000
Livestock	Goat	2	0.9 Q	45000	28000
<b>Total</b>				<b>81000</b>	<b>52000</b>

### 2) Status in 2020

ComponentDescription		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/ Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Snakegourd	0.4	40 Q	40000	30000	100	150
Hort.Crops	Cow pea	0.4	6 Q	25000	18000	33.33	50
Hort Crops	Amaranthus	0.15	4.2 Q	10000	7500	>100	>100
Livestock	Goat	4	2 Q+ milk	120000	85000	122.22	203.57
<b>Total</b>				<b>195000</b>	<b>140500</b>		<b>170.19</b>

**Brief:** The farmer used to get annual income of Rs.52000 /- from Snake gourd, cow pea, Goat etc. He faced like fungal diseases of snakegourd, pest of cow pea etc With DFI interventions like bioinputs like pseudomonas and trichoderma, support for vegetable farming etc he is getting annual income of Rs 140500 /-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joshy Philip

Address: Kunnathettu house, Madappally P.O, Kottayam Kerala

Age: 43 Education:

BCA

Size of land holding (in acre): 1.75 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Coconut	28 nos	600 nuts	12000	9000
Fisheries		0.07	4 Q	105000	80000
<b>Total</b>				<b>117000</b>	<b>89000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	46 nos	1380 nuts	30000	22000	130	144.44
Hort. Crops	Banana	0.75	65 Q	120000	85000	>100	>100
Fisheries		0.1	6.5 Q	245000	165000	62.5	106.25
Poultry	Chicken	100 nos	Meat-Depemds	88000	65000	>100	>100
<b>Total</b>				<b>483000</b>	<b>337000</b>		<b>278.6</b>

**Brief:** The farmer used to get annual income of Rs 89000/- from coconut, fisheries etc. He faced problems like flood, pests, diseases, weeds. With DFI interventions like coconut oil processing for oil, SHM scheme in banana cultivation etc he is getting annual income of Rs 337000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Girija Omanakuttan Address: Vengacheril, Thrikodithanam P.O, Kottayam Kerala:

Age: 52

Education: Pre Degree

Size of land holding (in acre): 32 cent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production (Q/Ltr/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crops	Amaranthus	0.25	6 Q	18000	12000
Poultry	Hen	20 nos	12-15 eggs/day	60000	40000
Livestock	Goat	1 nos	0.5 Q	30000	20000
<b>Total</b>				<b>108000</b>	<b>72000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production (Q/Ltr/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Amaranthus	0.25	9 Q	30000	20000	50	66.67
Mushroom		0.02	3.5 Q	130000	75000	100	100
Livestock	Goat	2 nos	1 Q	63000	42000	100	110
Poultry	Hen	30 nos	20-25 eggs/day	105000	80000	67	300
<b>Total</b>				<b>328000</b>	<b>217000</b>		<b>201.38</b>

**Brief:** The farmer used to get annual income of Rs. 72000/- from amaranthus, hen, goat etc. He faced problems like flood, pest, diseases, weeds. With DFI interventions like support for vegetable cultivation, training in mushroom cultivation from KVK etc he is getting annual income of Rs 217000/-.



(Before DFI crops/system)



(After DFI crops/system)



Name of farmer: Elsy Sebastian

Address: Pokkudiyil house, Thrikodithanam P.O, KottayamKerala:

Age: 55

Education: BSc Chemistry

Size of land holding (in acre): 1.4 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Coconut	35 nos	Avg 700 nuts	15000	12000
Poultry	Quail	300 nos	160 eggs/day	200000	140000
<b>Total</b>				<b>215000</b>	<b>152000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Componen ts	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	150 nos	28 Q	115000	80000	>100	>100
Hort.Crops	Coconut	50 nos	Avg 1200 nuts	24000	18000	71.4	50
Poultry	Quail	500 nos	420 eggs/day	300000	220000	162.5	57.14
Fisheries		0.01	2 Q	100000	60000	>100	>100
<b>Total</b>				<b>539000</b>	<b>378000</b>		<b>148.68</b>

**Brief:** The farmer used to get annual income of Rs.152000/- from coconut, quail etc. He faced problems like poultry diseases, price fluctuations for outputs etc . With DFI interventions like support for coconut farming through keragramam, training in fish farming etc he is getting annual income of Rs 378000/-.



(Before DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jomon Mathew

Address: Varuvellil house, Paipad P.O, KottayamKerala:

Age: 47

Education: ITI

Size of land holding (in acre): 0.70 Acre own & 0.5 acre lease

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.8 acre	15 Q	42000	27500
Hort. Crops	Coconut	12 nos	0.75 Q	7500	5000
Livestock	Cow	2	20 ltr/day	200000	125000
<b>Total</b>				<b>249500</b>	<b>157500</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Componen ts	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.8 acre	20 Q	56000	41000	33.33	49.1
Hort. Crops	Coconut	15 nos	1.2 Q	10000	7000	60	40
Hort. Crops	Bsuh cowpea	0.35	3.5 Q	7000	5000	>100	>100
Livestock	Cow	4	40ltr/day	375000	270000	100	116
<b>Total</b>				<b>448000</b>	<b>323000</b>		<b>105.07</b>

**Brief:** The farmer used to get annual income of Rs. 157500 /- from paddy, coconut, cow etc. He faced problems like flood, cattle diseases, pest and diseases in paddy etc With DFI interventions like seed supply from KVK, training in paddy pest control etc he is getting annual income of Rs 323000 /-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Vargheese Joseph

Address: Mundattuchundayil , Paipad P,O, KottayamKerala:

Age: 52 Education:

Degree

Size of land holding (in acre): 0.9 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.6	10 Q	30000	24000
Poultry	Duck	15 nos	10 eggs/day	85000	55000
<b>Total</b>				<b>115000</b>	<b>79000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.6	14 Q	42000	35000	40	45.8
Hort. Crops	Banana	30 nos	6 Q	24000	16000	>100	>100
Livestock	Goat	2 nos	1 Q	60000	45000	>100	>100
Poultry	Duck	18 nos	12-14 eggs/day	105000	82000	40	49.09
<b>Total</b>				<b>231000</b>	<b>178000</b>		<b>125.3</b>

**Brief:** The farmer used to get annual income of Rs.79000/- from paddy, duck etc. He faced problems like Flood, severe disease in rice etc. With DFI interventions like support for bund strengthening from krishi bhavan, support from KVK in IFS, supply of pseudomonas from KVK etc he is getting annual income of Rs 178000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Binu Varkey

Address: Chemabathinal house, Vazhappally P.O, KottayamKerala:

Age: 48 Education:

B.com

Size of land holding (in acre): 1.2 Acre

### 1) Before Intervention

ComponentDescription		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Coconut	55 nos	1500 nuts	32000	22000
Hort. Crops	Banana	0.8 acre	20 Q	60000	45000
<b>Total</b>				<b>92000</b>	<b>67000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	70 nos	2000 nuts	45000	35000	33.33	59.09
Hort. Crops	Banana	0.8 acre	35 Q	110000	78000	75	73.33
Fisheries		0.04	5 Q	75000	55000	>100	>100
<b>Total</b>				<b>230000</b>	<b>168000</b>		<b>150.75</b>

**Brief:** The farmer used to get annual income of Rs.67000/- from coconut, banana etc. He faced problems like lack of coconut climbers, price fall in outouts etc. With DFI interventions like keragramam programme in coconut cultivation, support for fish farming etc he is getting annual income of Rs 168000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Mathai Babu

Address: Akattumundayil house, Changanassery P.O, Kottayam Kerala:

Age: 57

Education: Pre Degree

Size of land holding (in acre): 1.5 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1	20 Q	60000	45000
Hort. Crops	Coconut	15 nos	300 nuts	7500	5500
Livestock	Cow	1 nos	10 ltr/day	135000	80000
<b>Total</b>				<b>202500</b>	<b>130500</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1	35 Q	100000	70000	75	55.56
Hort.Crops	Yam	0.2	3 Q	5200	3500	>100	>100
Hort.Crops	Tapioca	0.25	10 Q	14000	10000	>100	>100
Hort.Crops	Coconut	15 nos	400 nuts	9000	7200	33.33	30.91
Livestock	Cow	2 nos	20 ltr/day	245000	175000	100	118.7
<b>Total</b>				<b>373200</b>	<b>265700</b>		<b>103.6</b>

**Brief:** The farmer used to get annual income of Rs. 130500/- from paddy, coconut, cow etc. He faced problems like high temperature, cattle diseases etc. With DFI interventions like support in paddy cultivation, supply of yam root stocks from krishi bhavan etc he is getting annual income of Rs 265700/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jose John

Address: Marangattu house, Udayanapuram P.O , KottayamKerala

Age: 45 Education:

Degree

Size of land holding (in acre): 1.5 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Nutmug	10 nos	Depends	80000	58000
Hort. Crops	Coconut	17 nos	450 nuts	10000	7500
Hort. Crops	Banana	0.55	8 Q	24000	18000
<b>Total</b>				<b>114000</b>	<b>83500</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Nutmug	12 nos	Production from varies source	105000	80000		37.93
Hort.Crops	Coconut	21 nos	600 nuts	15000	11500	33.33	53.33
Hort.Crops	Banana	0.75	12 Q	40000	32000	50	77.78
Hort.Crops	Cowpea	0.25	2.5 Q	7500	5800	>100	>100
Poultry	Quail	400 nos	320 eggs/day	125000	80000	>100	>100
<b>Total</b>				<b>292500</b>	<b>209300</b>		<b>150.65</b>

**Brief:** The farmer used to get annual income of Rs. 83500/- from nutmug , coconut, banana etc. He faced problems like price fall in coconut and nutmeg, severe rhizome weevil in banana cultivation etc . With DFI interventions like nanma and menma for banana cultivation from KVK, training in processing techniques of nutmeg rind from KVK he is getting annual income of Rs 209300/-.



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Murali CN

Address: Puthiyidom House, Udayanapuram P.O, KottayamKerala:

Age: 51

Education: Pre Degree

Size of land holding (in acre): 95 cents

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.6	8 Q	25000	18000
Hort. Crops	Coconut	5	140 nuts	3000	2200
Livestock	Cow	2	18 ltr/dsy	180000	130000
<b>Total</b>				<b>208000</b>	<b>150200</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Componen ts	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.6	12 Q	35000	25000	50	38.8
Hort. Crops	Coconut	8	240 nuts	6000	4000	71.43	81.81
Poultry	Hen	12 nos	6-8 eggs/day	60000	42000	>100	>100
Livestock	Cow	3 nos	30 ltr/day	450000	275000	66.7	111.54
Livestock	Goat	2 nos	1 Q	60000	40000	>100	>100
<b>Total</b>				<b>611000</b>	<b>386000</b>		<b>156.99</b>

**Brief:** The farmer used to get annual income of Rs.150200/- from paddy, coconut, cow etc. He faced problems flood, excess rainfall, bacterial diseases in rice etc. With DFI interventions like he is getting annual income of Rs 386000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Ajayan Kunjumon

Address: Koipurathu house, Thellakom P.O, KottayamKerala:

Age:38

Education: Electrician

Size of land holding (in acre): 1.2 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Cow	5 nos	45 ltr/day	350000	215000
<b>Total</b>					<b>215000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	0.6	15 Q	45000	32000	>100	>100
Hort. Crops	Tarro	0.35	7 Q	30000	18000	>100	>100
Livestock	Cow	7 nos	75 ltr/day	580000	405000	66.6	88.37
<b>Total</b>				<b>655000</b>	<b>455000</b>		<b>111.63</b>

**Brief:** The farmer used to get annual income of Rs 215000./- from cow etc. He faced problems like cattle diseases, lack of fodder etc With DFI interventions like milking machine, fodder stem cutting supply from KVK etc he is getting annual income of Rs 455000/-.



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Vinoth Raj

Address: Sankaramangalam, Arpookara P.O, Kottayam Kerala:

Age: 52

Education: Msc Physics

Size of land holding (in acre): 1.55 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.2	4500 ltr milk	260000	160000
Fisheries		0.025	2 Q	35000	25000
<b>Total</b>				<b>295000</b>	<b>185000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	15 nos	450 nuts	10000	7500	>100	>100
Hort. Crops	Rubber	0.85	20 Q	320000	205000	Now sold as sheet	28.12
Fisheries		0.03	6 Q	300000	200000	200	700
<b>Total</b>				<b>630000</b>	<b>412500</b>		<b>122.97</b>

**Brief:** The farmer used to get annual income of Rs.185000/- from rubber, fisheries etc. He faced problems like tapping panel dryness, fish diseases etc With DFI interventions like training in fish cultivation from KVK, aerated pond, coconut seedling supply from krishi bhavan etc he is getting annual income of Rs 412500/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Johny Jose

Address: Koovakalayil house, Arumanoor P.O, Kottayam, Kerala:

Age: 62

Education: Basic School

Size of land holding (in acre): 3.8 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1.25	25 Q	75000	56000
Hort. Crops	Rubber	1.5	17 Q	255000	160000
Livestock	Cow	2 nos	15 ltr/day	185000	130000
<b>Total</b>				<b>515000</b>	<b>346000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1.25	32 Q	92000	70000	28	25
Hort. Crops	Rubber	1.75	22 Q	385000	250000	29.4	56.25
Hort. Crops	Coconut	22 nos	650 nuts	14000	11000	>100	>100
Hort. Crops	Banana	0.75	12 Q	300000	220000	>100	>100
Livestock	Cow	4 nos	28 ltr/day	340000	200000	86.7	53.85
<b>Total</b>				<b>1131000</b>	<b>751000</b>		<b>117.05</b>

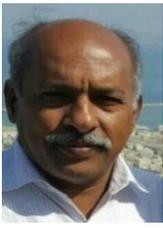
**Brief:** The farmer used to get annual income of Rs.346000/- from paddy, rubber, cow etc. He faced problems like lack of experienced labours, flood etc . With DFI interventions like supply of bioinputs like pseudomonas, subsidy for rubber tapping machine etc he is getting annual income of Rs 751000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Varkey Thomas

Address: Palakulathil house, Thellakom P.O, KottayamKerala:

Age: 62

Education: Pre Degree

Size of land holding (in acre): 2.5 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Coconut	25 nos	600 nuts	12000	9000
Hort Crops	Rambootan	0.3	2.2 Q	45000	32000
<b>Total</b>				<b>57000</b>	<b>41000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Component	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	41 nos	1300 nuts	30000	22000	116.67	144.44
Hort. Crops	Rambutan	0.7	4.5 Q	84000	68000	104.5	112.5
Poultry	Quail	200 nos	160 eggs/day	85000	50000	>100	>100
<b>Total</b>				<b>199000</b>	<b>140000</b>		<b>241.46</b>

**Brief:** The farmer used to get annual income of Rs 41000./- from coconut. rambootan etc. He faced problems like price fall, rhinozerous beetle attack etc. With DFI interventions like keragramam scheme for coconut, supply of bioinputs metarhizium etc he is getting annual income of Rs 140000 /-.



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Reji AS

Address: Santhi Nivas, Illical P.O, KottayamKerala:

Age: 60

Education: Basic School

Size of land holding (in acre): 0.85 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.5	7 Q	21000	15000
Hort. Crops	Coconut	6 nos	180 nuts	5000	3500
Livestock	Cow	2 nos	20 ltr/day	200000	140000
<b>Total</b>				<b>226000</b>	<b>158500</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.5	10 Q	30000	22000	42.8	46.67
Hort. Crops	Coconut	14 nos	380 nuts	12000	8500	111.11	142.86
Fisheries		0.02	1.5 Q	225000	145000	>100	>100
Livestock	Cow	3 nos	30 ltr/day	350000	220000	50	57.14
<b>Total</b>				<b>617000</b>	<b>395500</b>		<b>149.52</b>

**Brief:** The farmer used to get annual income of Rs.158500/- from paddy, coconut, cow etc. He faced problems like cattle diseases, bacterial blight in paddy, flood etc. With DFI interventions like cono weeder in rice, coconut climbing machine training, training in fish cultivation etc, he is getting annual income of Rs 395500/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Aji Kunjumon

Address: Konical house, Mattakkara P.O, KottayamKerala:

Age: 51

Education: Pre Degree

Size of land holding (in acre): 1.2 Acre

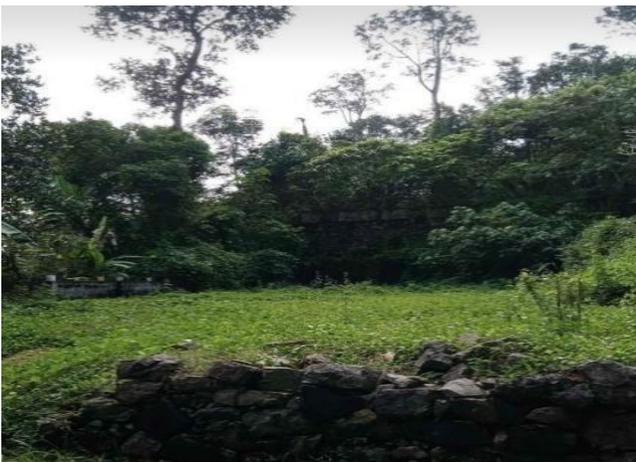
### 1) Before Intervention

ComponentDescription		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Yam	0.45	2 Q	3000	2000
Hort. Crops	Rubber	0.7	2500 ltr milk	105000	70000
<b>Total</b>				<b>108000</b>	<b>72000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	0.25	3 Q	60000	45000	>100	>100
Hort. Crops	Rubber	0.6	10 Q	180000	110000	Rubber is sold as sheet	57.14
Hort crops	Coconut	5 nos	150 nuts	3200	2400	>100	>100
Hort.Crops	Yam	0.25	2.5 Q	3000	2500	25	25
<b>Total</b>				<b>246200</b>	<b>159900</b>		<b>122.08</b>

**Brief:** The farmer used to get annual income of Rs.72000/- from yam, rubber etc. He faced problems like rubber tapping difficulty, price fall etc. With DFI interventions like rubber taping machine training, rubber tapping machine, support for banana farming, farmer ecoshop etc he is getting annual income of Rs 159900/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Sunny Antony

Address: Vazhayil house, Kavumkandom P.O , KottayamKerala:

Age: 62

Education: BA Malayalam

Size of land holding (in acre): 1.75 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Rubber	1	14 Q	210000	140000
Hort. Crops	Coconut	11 nos	300 nuts	7500	5500
Poultry	Hen	15 nos	10-12 eggs/day	85000	60000
<b>Total</b>				<b>302500</b>	<b>205500</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1	17.5 Q	280000	180000	25	28.5
Hort Crops	Coconut	17 nos	500 nuts	14500	12000	66.67	118.18
Poultry	Hen	20 nos	15 eggs/day	110000	75000	50	25
Apiculture		100 boxes	Depends	100000	70000	>100	>100
Fisheriers		0.02	2 Q	200000	125000	>100	>100
<b>Total</b>				<b>704500</b>	<b>462000</b>		<b>124.82</b>

**Brief:** The farmer used to get annual income of Rs.205500/- from rubber, coconut, hen etc. He faced problems like climatic variations, tapping panel dryness, etc With DFI interventions like training in apiculture, support for fish farming etc he is getting annual income of Rs462000 /-.



(Before DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Anil Jose

Address: Mundamattom house, Mananam P.O, Kottayam Kerala:

Age:58 Education:

BBA

Size of land holding (in acre): 0.6 acre

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Rubber	0.3	4 Q	60000	43000
Hort. Crops	Coconut	4 nos	120 nuts	3000	2000
Livestock	Goat	1	0.5 Q	26000	18000
<b>Total</b>				<b>89000</b>	<b>63000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	0.4	7 Q	90000	65000	75	51.16
Hort.Crops	Coconut	7 nos	200 nuts	5000	3000	66.67	50
Mushroom		0.015	2 Q	70000	47000	>100	>100
Livestock	Goat	2	1 Q+ milk	65000	42000	100	133.33
<b>Total</b>				<b>230000</b>	<b>157000</b>		<b>149.2</b>

**Brief:** The farmer used to get annual income of Rs.63000/- from rubber, coconut, goat etc. He faced problems like training in mushroom, cultivation, support for coconut cultivation. With DFI interventions like small machineries, he is getting annual income of Rs 157000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Zakharias J Shan

Address: Kallunkathra, Pulikutissery, Aymanam, Ettumanoor, Kerala

Age: 46

Education: Degree

Size of land holding (in acre): 0.60 & 1.8 acre leased

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Bhindi	0.30 cents	7 Q	35000	25000
Hort. Crop 2	Tomato	0.10	2 Q	10000	8000
Hort. Crop 3	Salad cucumber	0.10	2 Q	10000	8000
Hort. Crop 3	Chilli	0.10	1 Q	5000	4000
Hort. Crop 3	Amaranthus	0.05	1 Q	6000	5000
Fisheries	Fish	2 cent	2 Q	20000	10000
<b>Total</b>				<b>86000</b>	<b>60000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Rice	1.8 acre	30 Q	84000	59000	>100	>100
Hort. Crop 1	Bhindi	0.30 cents	10 Q	50000	45000	42.86	80
Hort. Crop 4	Amaranthus	0.05	2 Q	12000	9000	100	80
Hort. Crop 5	Water melon	0.10	5 Q	20000	14000	>100	>100
Fisheries	Fish	2 cent	3.5 Q	35000	20000	75	100
Poultry	Hatchery	1000 nos		20000	20000	>100	>100
<b>Total</b>				<b>221000</b>	<b>167000</b>		<b>178.33</b>

**Brief:** With DFI interventions like mechanized transplanting, use of conoweeder, PGPR mix 1, Beauvaria, pseudomonas etc., he is getting annual income of Rs 60000 from organic paddy. The production of vegetables also increased with effective use of PGPR mix 1 and other bioagents. More vegetable components were added resulting in a higher income. Poultry hatchery was started in 2020 adding to his farm income. Now his income is 167000.



Transplanting paddy



Use of conoweeder



Name of farmer: K. N. Raveendran

Address: Bhaskaranilayam, Aymanom P O, Kottayam

Kerala:

Age: 72 years Education: SSLC

Size of land holding (in acre): 1.2

### 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	Paddy	0.65	7 Q	15750	10160
Hort. Crop 1	Banana	0.9	15.4 Q	61600	41600
Total				77350	51760

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Paddy	0.65	10 Q	28000	18000	42.86	77.16
Hort. Crop 1	Banana	0.9	22 Q	88000	63000	42.86	51.44
Livestock 1	Poultry layers	10 nos	1500 nos	15000	10000	>100	>100
Fisheries	Natural pond	0.05	2.5 Q	45000	24000	>100	>100
Total				176000	115000		122.2

**Brief:** The farmer used to get annual income of Rs. 51760 from paddy. He faced problems like high cost, shortage of organic manure, pest and diseases, etc. With DFI interventions like use of low cost bioinputs like PGPR mix 1, green manure Daincha, low cost rice husk ash, soil amendment like dolomite etc., he is getting annual income of Rs 18000. In addition, there is cost saving of Rs. 400 in the production of paddy. Following INM in banana has increased the yield and reduced the cost by Rs. 500. He gets additional income of Rs. 10000 from poultry layer birds. Now his income is 115000/-



Organic cultivation



## Effect of DFI intervention

Name of KVK: KVK, Kottayam

Name of farmer: Venu Gopal V

Address: Kavinakunnel house, Kumaranalloor Kerala:

Age: 39

Education: Plus Two

Size of land holding (in acre): 6.5 ac

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Yard long bean	0.1 ac	13 Q	32500.00	29500.00
Hort. Crop 2	Brinjal	0.1 ac	10 Q	25000.00	21000.00
Hort. Crop 3	Tomato	0.1 ac	6.6 Q	13200.00	10400.00
Hort. Crop 4	Coconut	15 nos.	825 nos.	12375.00	9300.00
Hort. Crop 5	Banana	0.5 ac	40 Q	120000.00	65000.00
Livestock	Cattle	2 nos.	3660 Lit	109800.00	73800.00
<b>Total</b>				<b>312875</b>	<b>209000.00</b>

### 2) Status in 2020

Component Description		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	Yard long bean	0.1 ac	17 Q	47600.00	42600.00	30.77	44.46
Hort. Crop 2	Brinjal	0.1 ac	15 Q	42000.00	38500.00	50	83.33
Hort. Crop 3	Tomato	0.1 ac	11.6 Q	29000.00	23000.00	75.76	121.15
Hort. Crop 4	Coconut	15 nos.	975 nos.	17550.00	15550.00	18.18	67.20
Hort. Crop 5	Banana	0.5 ac	53 Q	185500.00	115500.00	32.5	77.69
Hort. Crop 6	Marigold	0.1 ac	2.85 Q	19950.00	12500.00	100	100
Livestock	Cattle	3 nos.	6720 lit.	228480.00	156480.00	83.6	112.03
Poultry	Poultry	20 nos.	4000 nos.	20000.00	14000.00	>100	>100
<b>Total</b>				<b>590080</b>	<b>418130.00</b>		<b>100.06</b>

**Brief:** The farmer used to get annual income of Rs.209000 from banana, coconut, yard long bean etc. He faced problems like poor yield, soil related constraints, pest and diseases, etc. With DFI interventions like HYV, grafted vegetable seedlings, INM especially use of Ayar in banana, IPDM, Training etc., he is getting annual income of Rs.

418130/-.





## Effect of DFI intervention

Name of KVK: KVK, Kottayam

Name of farmer: P J Joseph

Address: Poovakkottu (H), Kuravilangadu PO, Pin-686633

Kerala:

Age: 70 Education:

SSLC

Size of land holding (in acre): 3 ac.

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1.5 ac	120 Q	360000.00	198000.00
Hort. Crop 2	Coconut	15 nos.	825 nos.	12375.00	9375.00
Hort. Crop 3	Brinjal	0.1 ac	10 Q	25000.00	21000.00
Hort. Crop 4	Salad cucumber	0.02 ac	0.98 Q	3430.00	2630.00
<b>Total</b>				<b>400805</b>	<b>231005.00</b>

### 2) Status in 2020

Component Description		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	1.5 ac	220 Q	590000.00	426500.00	83.33	115.40
Hort. Crop 2	Coconut	15 nos.	975 nos.	19500.00	17000.00	18.18	81.33
Hort. Crop 3	Tomato	0.1 ac	11.6 Q	29000.00	23000.00	>100	>100
Hort. Crop 4	Brinjal	0.1 ac	15 Q	45000.00	41200.00	50	96.19
Hort. Crop 5	Salad cucumber	0.05 ac	1.4 Q	5320.00	4720.00	42.86	79.47
Hort. Crop 6	Sweet potato	0.1 ac	5.6 Q	14000.00	13500.00	>100	>100
Poultry	Poultry	12 nos.	2400	15000.00	12000.00	>100	>100
<b>Total</b>				<b>717820</b>	<b>537920.00</b>		<b>132.86</b>

**Brief:** The farmer used to get annual income of Rs.231005/- from banana, coconut, and vegetables. He faced problems like poor yield, soil related constraints, pest and diseases, etc. With DFI interventions like HYV and hybrids, grafted vegetable seedlings, INM especially use of Ayar in banana and INM in coconut, IPDM, Training etc., he is getting annual income of Rs.537920/- which is 86.54% increased over base year.





Name of farmer: Baiju P.G.  
 Address: Avalil (H), TV puram  
 Kerala:  
 Age: 53  
 Education: High School  
 Size of land holding (in acre): 0.05+ 0.84 (leased land)

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Yard long bean	0.10	15 Q	37500	35500
Hort. Crop 2	Tomato	0.04	4.2Q	16800	15300
Hort. Crop 3	Njalipoovan	700 nos	72 Q	158400	120000
Livestock 1	Dairy	1no	1980 L	49500	34200
<b>Total</b>				<b>262200</b>	<b>205000</b>

### 2) Status in 2020

Component Description		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	Amorphophallus	100 nos	0.7 Q	2660	1960	>100	>100
Hort. Crop 1	Banana (Nendran)	200 nos	3.6Q	122400	114400	>100	>100
Hort. Crop 2	Ginger	0.05	3.5 Q	26250	22250	>100	>100
Hort. Crop 3	Turmeric	0.05	2.5Q	5000	4000	>100	>100
Hort. Crop 5	Bitter gourd	0.10	5Q	20000	18900	>100	>100
Hort. Crop 6	Yard long bean	0.10	19 Q	57000	55500	26.67	56.33
Livestock 1	Dairy	1 no	2400 L	91200	52344	21.21	53.05
Livestock 2	Poultry	160 nos	31600 nos	208000	178000	>100	>100
<b>Total</b>				<b>532510</b>	<b>447354</b>		<b>118.22</b>

**Brief:** The farmer used to get annual income of Rs. 205000/- from tomato, yard long bean, Njalipoovan, dairy etc. He faced problems like poor yield, soil related constraints, pest and diseases etc. With DFI interventions like HYV, INM, IPDM, Training, poultry etc., he is getting annual income of Rs. 447354/-. In addition, there is cost saving of Rs. 500/- in the production of 19 Q of yard long bean.



Before intervention



After intervention

## Effect of DFI intervention

Name of KVK: **KVK, Kottayam**



**Name of farmer:** Joseph Thomas  
**Address:** Panikkaredam (H), Thrikkodithanam, Changanacherry, Kottayam Kerala:  
**Age:** 66 **Education:** B.Sc  
**Size of land holding (in acre):** 3.20

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Tapioca	1500 nos	52.5 Q	68250	27750
Field crop 2	Amorphophallus	130 nos	5.20 Q	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	14Q	50750	9750
<b>Total</b>				<b>588040</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	0.60	60Q	120000	80000	14.29	188.29
Field crop 2	Amorphophallus	4000 nos	14 Q	29400	20400	169.2	684.62
Hort. Crop 1	Coconut	15 nos	840 nos	12600	5000	16.67	247.22
Hort. Crop 2	Banana	2000 nos	180 Q	650000	450000	20	172.73
Hort. Cop 3	Ginger	0.10	6Q	45000	3000	-57.1	-69.23
Hort Crop 4	Turmeric	0.10	5 Q	10000	8000	>100	>100
<b>Total</b>				<b>867000</b>	<b>566400</b>		<b>174.23</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 566400/-**.



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Dany Sebastian  
 Address: Thulanmaakal, Muzhoor  
 Kerala:  
 Age: 35 Education:  
 Btec  
 Size of land holding (in acre): 0.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Coconut	0.3	220 nuts	25000	18000
<b>Total</b>				<b>25000</b>	<b>18000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Coconut	0.3	350 nuts	40000	34000	59.09	88.89
Hort. Crops	Ginger	0.2	7 Q	28000	20000	>100	>100
Hort. Crops	Turmeric	0.2	7.5 Q	22500	15000	>100	>100
Livestock	Buffalo	2	1.8 Q	100000	80000	>100	>100
<b>Total</b>				<b>190500</b>	<b>149000</b>		<b>727.78</b>

**Brief:** The farmer used to get annual income of Rs. 18000/- from Coconut. He faced problems like wage hike, pest attack. With DFI interventions like mechanized coconut climber, support for vegetable farming from KVK, High yielding vegetables, he is getting annual income of Rs 149000/-



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Sajith Lal Address:  
Poovellil, AkalakunnamKerala:

Age: 38  
Education: ITI  
Size of land holding (in acre): 0.3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Rabbit	38	0.8 Q	80000	60000
<b>Total</b>				<b>80000</b>	<b>60000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Mushroom		0.01	0.6 Q	21000	15000	>100	>100
Poultry	Hen	65	18000 eggs	100000	65000	>100	>100
Livestock	Rabbit	75	1.8 Q	150000	100000	125	66.67
<b>Total</b>				<b>271000</b>	<b>180000</b>		<b>200</b>

**Brief:** The farmer used to get annual income of Rs. 60000/- from Rabbit. He faced problems like disease for rabbit. With DFI interventions like Jaivagraham from krishibhavan, training in mushroom production from KVK ., he is getting annual income of Rs 180000/-

(Before DFI crops/system)



(After DFI crops/system)





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Binu Thomas Address:  
Ozhungalil, Akalakunnam

Kerala:

Age: 44 Education:

BCA

Size of land holding (in acre): 1.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.8	8.5 Q	120000	85000
Hort. Crops	Banana	0.5	32 Q	80000	62000
Livestock	Goat	6	2.5 Q	100000	75000
<b>Total</b>				<b>300000</b>	<b>222000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	0.8	11 Q	180000	140000	29.41	64.71
Hort. Crops	Banana	0.5	40 Q	144000	110000	25	77.42
Livestock	Cow	4	12000ltr	350000	275000	>100	>100
Livestock	Goat	10	5 Q	200000	150000	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 . He faced problems like weeds, labor shortage . With DFI interventions like milking machine ., he is getting annual income of Rs . 675000/-



(Before DFI crops)

## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Johnson Mathew

Address: Tharayil, Akalakunnam

Kerala:

Age: 52

Education: Pre degree

Size of land holding (in acre): 1.2



### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Rabbit	60	1.5 Q	125000	80000
<b>Total</b>				<b>125000</b>	<b>80000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Mushroom		80 kg	0.8 Q	28000	22000	>100	>100
Poultry	Hen	80	25000	150000	100000	>100	>100
Livestock	Rabbit	100	3 Q	250000	160000	100	100
<b>Total</b>				<b>428000</b>	<b>282000</b>		<b>252.5</b>

**Brief:** The farmer used to get annual income of Rs. 80000 from rabbit. He faced problems like food shortage, less price in market . With DFI interventions like hi-tech cage, training for mushroom farming from krishi bhavan ., he is getting annual income of Rs 282000.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: George Vincent Address: Njarathadathil, Kanakkary

Kerala:

Age: 32 Education:

M.Com

Size of land holding (in acre): 3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	0.5	3.2 Q	65000	50000
Livestock	Goat	2	1 Q	30000	22000
<b>Total</b>				<b>95000</b>	<b>72000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q /Ltr/No.)	Gross Income(Rs.)	Net Income(Rs.)	Production	Income
Hort. Crops	Banana	0.5	5.5 Q	120000	95000	71.88	90
Hort. Crops	Papaya	0.5	24 Q	82000	65000	>100	>100
Livestock	Goat	3	1.5 Q	55000	42000	50	90.91
<b>Total</b>				<b>257000</b>	<b>202000</b>		<b>180.56</b>

**Brief:** The farmer used to get annual income of Rs. 72000/- 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 202000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jerry Joseph

Address: Thuruthimaalil, Mananam P.O, AthirambuzhaKerala:

Age: 35 Education:

MPhil

Size of land holding (in acre): 2.25

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	1	80 Q	160000	100000
Poultry	Hen	80	30000 eggs	185000	120000
<b>Total</b>				<b>345000</b>	<b>220000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No	Production( Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	1	100 Q	240000	150000	25	50
Hort. Crops	Tapioca	0.8	75 Q	75000	55000	>100	>100
Poultry	Hen	140	40000 eggs	290000	200000	33.3	66.67
Poultry	Quail	300	97200 eggs	150000	80000	>100	>100
<b>Total</b>				<b>755000</b>	<b>485000</b>		<b>120.45</b>

**Brief:** The farmer used to get annual income of Rs. 220000/- from banana, poultry . He faced problems like pseudo stem weevil of banana, weed problem. With DFI interventions like brush cutter weeding, using Beauveria, Pseudomonas ., he is getting annual income of Rs 485000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Cherian Thomas

Address: Kuzhipallil, Kanakkary

Kerala:

Age: 45 Education:

BA

Size of land holding (in acre): 2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Ginger	0.45	15 Q	80000	55000
Hort. Crops	Amorphopallus	0.6	50 Q	50000	42000
Livestock	Cow	4	12775 ltr	300000	190000
<b>Total</b>				<b>430000</b>	<b>287000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Ginger	0.45	20 Q	100000	87000	33.33	58.18
Hort. Crops	Amorphophallus	0.6	75 Q	75000	60000	50	42.86
Hort. Crops	Banana	0.35	30 Q	60000	48000	>100	>100
Livestock	Cow	12	42000 ltr	700000	550000	228.8	189.47
<b>Total</b>				<b>935000</b>	<b>745000</b>		<b>159.6</b>

**Brief:** The farmer used to get annual income of Rs. 287000/- from ginger, amorphophallus, cow. He faced problems like disease for cow, pest attack, price fall. With DFI interventions like milking machine, brush cutter weeding, biogas, he is getting annual income of Rs 745000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Ajay Sajith Address:

Karattillathu, Kidangoor

Kerala:

Age: 27 Education:

B.Com

Size of land holding (in acre): 0.75 Own & 0.5 rent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.5	55 Q	100000	70000
<b>Total</b>				<b>100000</b>	<b>70000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Tapioca	0.5	60 Q	50000	40000	>100	>100
Hort. Crops	Rubber	0.5	75 Q	140000	100000	36.36	42.86
Poultry	Quail	500	125000 eggs	180000	100000	>100	>100
<b>Total</b>				<b>370000</b>	<b>240000</b>		<b>242.86</b>

Photo-1



Photo -2

**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, Hi-tech quail shed ., he is getting annual income of Rs 240000/-.



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Pradheesh S Address: Charathu, Kidangoor South  
 Kerala:  
 Age: 47 Education: B.Com  
 Size of land holding (in acre): 2.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Cow	4	12500 ltr	320000	240000
<b>Total</b>				<b>320000</b>	<b>240000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Livestock	Cow	14	60000 ltr	900000	530000	380	120.83
Livestock	Goat	8	4 Q meat + 500 ltr	200000	125000	>100	>100
Livestock	Rabbit	50	1 Q meat	100000	75000	>100	>100
Fisheries		0.12	2.8 Q	125000	80000	>100	>100
<b>Total</b>				<b>1325000</b>	<b>810000</b>		<b>237.5</b>

**Brief:** The farmer used to get annual income of Rs. 240000/- from cow . He faced problems like labor shortage, diseases for animals c. With DFI interventions like milking machine, biogas plant , he is getting annual income of Rs 810000/-



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Dhanoop Sasi

Address: Puthepurackal

Kerala:

Age: 39

Education: ITI

Size of land holding (in acre): 1.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.5	10 Q	25000	15000
Livestock	Cow	1	3000 ltr	90000	75000
<b>Total</b>				<b>115000</b>	<b>90000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.5	14 Q	39200	30000	40	100
Hort. Crops	Tapioca	0.55	60 Q	60000	45000	>100	>100
Livestock	Cow	3	10000 ltr	350000	250000	233.33	233.33
<b>Total</b>				<b>449200</b>	<b>325000</b>		<b>261.11</b>

**Brief:** The farmer used to get annual income of Rs. 90000/- from paddy, cow. He faced problems like weeds in rice, diseases of cow . With DFI interventions like Training on paddy cultivation, cow mats ., he is getting annual income of Rs 325000/- .



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Teena John  
 Address: Pullapallil, Kurupanthara P.O, ManjoorKerala:  
 Age: 45 Education:  
 Bsc  
 Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Poultry	Chicken	100	25000 eggs	180000	120000
<b>Total</b>				<b>180000</b>	<b>120000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Mushroom		0.02	1 Q	35000	25000	>100	>100
Poultry	Chicken	150	40000 eggs	325000	210000	60	75
Livestock	Goat	10	5 Q + 200 ltr	200000	120000	>100	>100
<b>Total</b>				<b>560000</b>	<b>355000</b>		<b>195.83</b>

**Brief:** The farmer used to get annual income of Rs. 120000/- from poultry. She faced problems like diseases for chicken, waste management problem. With DFI interventions like composting technique training using waste decomposer, she is getting annual income of Rs.355000/- .



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Tomy Jose Address:

Kauvakulam, Manjoor

Kerala:

Age: 49

Education: Pre Degree

Size of land holding (in acre): 2.1

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1	20 Q	54000	40000
Hort. Crops	Tapioca	0.8	50 Q	45000	38000
<b>Total</b>				<b>99000</b>	<b>78000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1	29 Q	85000	62000	45	55
Hort. Crops	Tapioca	0.5	50 Q	50000	42000	0	10.53
Hort. Crops	Banana-Nj	0.5	40 Q	100000	75000	>100	>100
<b>Total</b>				<b>235000</b>	<b>179000</b>		<b>129.5</b>

**Brief:** The farmer used to get annual income of Rs.78000/- from paddy, Tapioca etc. He faced problems like viral diseases of tapioca, pest problems etc. With DFI interventions like training on banana cultivation, subsidy for paddy and banana etc., he is getting annual income of Rs 179000/-.





Name of farmer: Jayakumar P S  
 Address: Thanikal, Kurppanthara P.O, Manjoorkerala:  
 Age: 52  
 Education:  
 Size of land holding (in acre): 0.8 own & 1.2 acre rent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	0.6	50 Q	75000	50000
Livestock	Cow	2	7900 ltrs	180000	120000
<b>Total</b>				<b>255000</b>	<b>170000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1.2	30 Q	84000	70000	>100	>100
Hort. Crops	Banana	0.6	60 Q	90000	72000	20	44
Livestock	Cow	3	11000 ltrs	280000	200000	<b>39.24</b>	66.67
<b>Total</b>				<b>454000</b>	<b>342000</b>		<b>101.18</b>

**Brief:** The farmer used to get annual income of Rs. 170000/- from banana, cow . He faced problems like severe rhizome weevil attack, diseases cow . With DFI interventions like nanma and menma for banana, high yielding paddy seeds ., he is getting annual income of Rs 342000/- .



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jomon Mathew Address:

Nellical, Manvattom, Manjoor

Kerala:

Age: 60

Education: Retd Bank staff

Size of land holding (in acre): 1.55

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.7	10 Q	25000	18000
Livestock	Goat	4	2 Q	150000	100000
<b>Total</b>				<b>175000</b>	<b>118000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.7	14.5 Q	40600	32000	45	77.78
Livestock	Cow	2	6000 ltr	200000	120000	>100	>100
Livestock	Goat	8	4 Q	380000	270000	100	170
<b>Total</b>				<b>620600</b>	<b>422000</b>		<b>257.63</b>

**Brief:** The farmer used to get annual income of Rs. 118000/- from paddy, goat. He faced problems like weeds in rice, pest attack in rice. With DFI interventions like conoweeder, drumseeder., he is getting annual income of Rs 422000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Shibin KS

Address: Therakkuzhiyil, Kuruppanthara P.O, ManjoorKerala:

Age: 28 Education:

B.Com

Size of land holding (in acre): 1.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1	10 Q	180000	100000
<b>Total</b>				<b>180000</b>	<b>100000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rambo otan	0.5	2.2 Q	150000	100000	>100	>100
Hort. Crops	Rubber	1	15 Q	220000	130000	50	30
Livestock	Rabbit	20	0.6 Q	60000	40000	>100	>100
<b>Total</b>				<b>430000</b>	<b>270000</b>		<b>170</b>

**Brief:** The farmer used to get annual income of Rs.100000 from Rubber. He faced problems like labour wage hike, taping panel dryness. With DFI interventions like training for inter cropping, high tech rabbit cage. He is getting annual income of Rs 270000.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joseph Chacko Address: Nedussheril, Manjoor south

Kerala:

Age: 48

Education:

Size of land holding (in acre): 1.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1	21 Q	54000	40000
Hort. Crops	Coconut	0.5	850 nuts	40000	30000
Livestock	Cow	2	6500 ltr	150000	100000
<b>Total</b>	<b>2) Status in</b>	<b>020</b>		<b>244000</b>	<b>170000</b>

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1	28 Q	75000	62000	33.33	55
Hort. Crops	Coconut	0.5	1250 nuts	65000	50000	47.06	66.67
Apiculture		18	30 ltr/annum	50000	38000	>100	>100
Livestock	Cow	4	11500 ltr	340000	220000	76.92	120
<b>Total</b>				<b>530000</b>	<b>370000</b>		<b>117.65</b>

**Brief:** The farmer used to get annual income of Rs. 170000/- from Paddy, Coconut, Cow . He faced problems like pest attack, lack of labors . With DFI interventions like training in apiculture, coconut climbing machine, milking machine ., he is getting annual income of Rs 370000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Georgekutty James

Address: Kunnel House, Poovarany P.O, KottayamKerala:

Age: 51

Education: Pre degree

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.8	8 Q	150000	80000
Fisheries		0.05	0.5 Q	50000	35000
<b>Total</b>				<b>200000</b>	<b>115000</b>

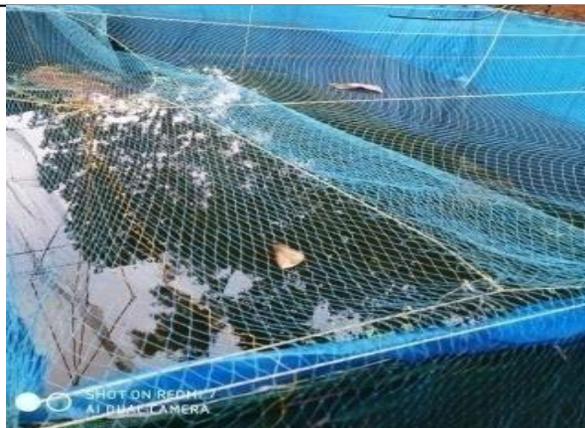
### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	0.8	12 Q	180000	100000	50	25
Hort. Crops	Coconut	0.5	520 nuts	120000	75000	>100	>100
	Mushroom	0.02	4.5 Q	162000	100000	>100	>100
	Fisheries	0.05	2 Q	300000	175000	300	400
<b>Total</b>				<b>762000</b>	<b>450000</b>		<b>291.30</b>

**Brief :** The farmer used to get annual income of Rs. 115000/- from Rubber & Fisheries . He faced problems like tapping panel dryness, lack of labors . With DFI interventions like training in rubber tapping, support for fisheries department., he is getting annual income of Rs 450000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Gigimon Xavier

Address: Thanical, Kottaramattom P.O, MeenichilKerala:

Age: 48

Education: Pre Degree

Size of land holding (in acre):0.75

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.5	2 Q	80000	60000
Livestock	Cow	2	7000 ltr	210000	150000
<b>Total</b>				<b>290000</b>	<b>210000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	0.5	3 Q	100000	75000	50	25
Hort. Crops	Banana	0.2	20 Q	40000	25000	>100	>100
Livestock	Cow	3	10000 ltr	350000	250000	42.86	66.67
Livestock	Buffalo	2	2 Q	80000	50000	>100	>100
Fisheries	Biofloc	0.02	3 Q	45000	30000	>100	>100
Apiculture		50	90 ltr	20000	12000	>100	>100
<b>Total</b>				<b>635000</b>	<b>442000</b>		<b>110.48</b>

**Brief:** The farmer used to get annual income of Rs. 210000/- from Rubber & Cow . He faced problems like tapping panel dryness, lack of experienced labours, Diseases for cow. With DFI interventions like training in Rubber tapping , support from fisheries department, milking machine, bio inputs like nanma and menma., he is getting annual income of Rs 442000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jayamohan PG

Address: Puthenveetil, Nattakom, KottayamKerala:

Age: 47

Education: ITI

Size of land holding (in acre): 1.75 Acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Cucumber	0.4	2.5 Q		
Hort. Crops	Banana	500 nos	90 Q	180000	100000
Livestock	Goat	2 nos	1 Q Meat	50000	32000
<b>Total</b>				<b>230000</b>	<b>132000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production( Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Snake gourd	0.5	80 Q	80000	54000	>100	>100
Hort. Crops	Banana	780 nos	171.6 Q	377520	250000	90.67	150
Poultry	Duck	50	12000 egss	144000	90000	>100	>100
Fisheries		0.03	10 Q	120000	75000	>100	>100
Livestock	Goat	5	2.5 Q Meat	125000	70000	150	118.75
<b>Total</b>				<b>846520</b>	<b>539000</b>		<b>308.33</b>

**Brief:** The farmer used to get annual income of Rs. 132000/- from Cucumber, Banana, Goat. He faced problems like Pseudo stem weevil and sigatoka of banana, price fall. With DFI interventions like bio inputs like *Pseudomonas*, VAM, Beauveria from KVK, sale through Eco shop, he is getting annual income of Rs 539000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

**Name of farmer: Shaji Kuriakose Address:**  
**Kaniyamparambil, Kurichy**  
**Kerala:**  
**Age: 50**  
**Education: Pre Degree**  
**Size of land holding (in acre): 1.4**

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.75	10 Q	30000	18000
Hort. Crops	Banana	0.3	15 Q	38000	26000
Livestock	Cow	1	2500 ltr	100000	60000
Total				<b>168000</b>	<b>104000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.75	14 Q	45000	27000	40	50
Hort. Crops	Banana	0.3	22 Q	66000	42000	46.67	61.54
Hort. Crops	Bhindi	0.3	1.2 Q	2640	1500	>100	>100
Livestock	Cow	3 nos	10000 ltr	300000	225000	300	275
Poultry	Quail	300 nos	85000 eggs	180000	95000	>100	>100
Total				<b>593640</b>	<b>390500</b>		<b>275.48</b>

**Brief:** The farmer used to get annual income of Rs. 104000/- from Paddy, Bbanana, Cow . He faced problems like bbacterial blight paddy, Diseases of cow, pest attack banana. With DFI interventions like training in vegetable cultivation, coconut climbing machine, milking machine ., he is getting annual income of Rs 390500/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Nandakumar KG

Address: GeetaNivas, Kurichy

Kerala:

Age: 36 Education:

BTEC

Size of land holding (in acre): 0.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Coconut	8 nos	180 nuts	3600	2000
Livestock	Cow	2 nos	5000 ltr	175000	110000
Total				<b>178600</b>	<b>112000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	22 nos	900 nus	25000	15000	400	650
Hort. Crops	Bhindi	0.4	3.5 Q	4900	2500	>100	>100
Livestock	Cow	6 nos	18000 ltr	480000	340000	260	209.09
Total				<b>509900</b>	<b>357500</b>		<b>219.2</b>

**Brief:** The farmer used to get annual income of Rs. 112000/- from Coconut, Cow . He faced problems like pest attack in coconut, less price for milk in store. With DFI interventions like training on proper pest management in coconut, Training on coconut climbing from KVK,, he is getting annual income of Rs 357500/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: PM Thankachan Address:  
Mattom, Kottaramattom , Pala

Kerala:

Age: 51

Education: BA Theology

Size of land holding (in acre): 2.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Rubber	1.2	10 Q	180000	120000
Hort. Crops	Coconut	12 nos	300 nuts	6300	4000
Hort. Crops	Garcinia	10 Nos	1 Q dry rind	5000	3400
Total				<b>191300</b>	<b>127400</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1.2	12.5 Q	220000	175000	25	45.83
Hort. Crops	Coconut	16 nos	420 nuts	10000	7500	40	87.5
Hort Crops	Banana	200 nos	60 Q	150000	100000	>100	>100
Hort. Crops	Amaranth	0.5	7 Q	35000	22000	>100	>100
Total				<b>415000</b>	<b>304500</b>		<b>139.01</b>

**Brief:** The farmer used to get annual income of Rs. 127400/- from Rubber, Garcinia, Coconut. He faced problems like nut fall in coconut, lack of labours for rubber tapping, 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.



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Vijayan PK

Address: Povellil, Kurichy

Kerala:

Age: 59

Education: Pre Degree

Size of land holding (in acre): 0.88

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Cattle	2 nos	6500 ltr	240000	160000
<b>Total</b>				<b>240000</b>	<b>160000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Poultry	Hen	25 nos	7000 eggs	140000	80000	>100	>100
Fisheries		0.02	1.5 Q	45000	30000	>100	>100
Livestock	Cow	4	11500 ltr	520000	350000	76.92	118.75
Hort crops	Coconut	5	250 nuts/day	6250	4000	>100	>100
<b>Total</b>				<b>711250</b>	<b>464000</b>		<b>190</b>

**Brief:** The farmer used to get annual income of Rs. 160000/- from Cow only . He faced problems like cattle diseases, health issues. With DFI interventions like support for organic farming , training in integrated farming system from KVK, he is getting annual income of Rs 464000/-.



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Augusthi Philip

Address: Kudakkasheril, Kurichy

Kerala:

Age: 48

Education: Pre Degree

Size of land holding (in acre): 1.55

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.9	12 Q	33000	20000
Hort. Crops	Coconut	15 nos	350 nuts	7500	5000
Poultry	Duck	20	5000 eggs	100000	65000
<b>Total</b>				<b>140500</b>	<b>90000</b>

### 2) Status in 2020

Component Description		Benchmark(Baseline period 2016-17)				% increase over base year	
Componen ts	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.9	18 Q	52000	35000	50	75
Hort. Crops	Banana	170 nos	34 Q	80000	55000	>100	>100
Hort. Crops	Coconut	22 nos	650 nuts	18000	12000	85.7	140
Fisheries		0.01	2 Q	15000	9000	>100	>100
Poultry	Duck	35 nos	8000 eggs	150000	95000	60	46.15
Poultry	Hen	50 nos	14000 eggs	120000	85000	>100	>100
<b>Total</b>				<b>435000</b>	<b>291000</b>		<b>223.33</b>

**Brief:** The farmer used to get annual income of Rs. 90000/- from Paddy, Coconut, Duck . He faced problems like pest attack in paddy and coconut. With DFI interventions like Support from krishi bhavan for paddy cultivation and coconut cultivation , Support for setting up integrated farming system. he is getting annual income of Rs 291000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Mathew KP Address:

Onamthuruthu, Puthupally

Kerala:

Age: 60

Education: DPharm

Size of land holding (in acre): 1

### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.75	11 Q	30000	18000
<b>Total</b>				<b>30000</b>	<b>18000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.75	14 Q	40000	26000	27.27	44.44
Hort. Crops	Coconut	10 nos	300 nuts	9000	6000	>100	>100
Fisheries		0.05	2 Q	35000	20000	>100	>100
<b>Total</b>				<b>84000</b>	<b>52000</b>		<b>188.9</b>

**Brief:** The farmer used to get annual income of Rs. 18000/- from Paddy, . He faced problems like wage and machinery rent cost rise in paddy, pest attack in paddy. Health issues . With DFI interventions like training in paddy cultivation, support from krishi bhavan in paddy cultivation,. he is getting annual income of Rs 52000/-.



(Before DFI crops/system)





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Prasad S Address:

Vattamala Puthupally

Kerala:

Age: 45

Education: School based

Size of land holding (in acre): 0.35 own and 1.2 lease

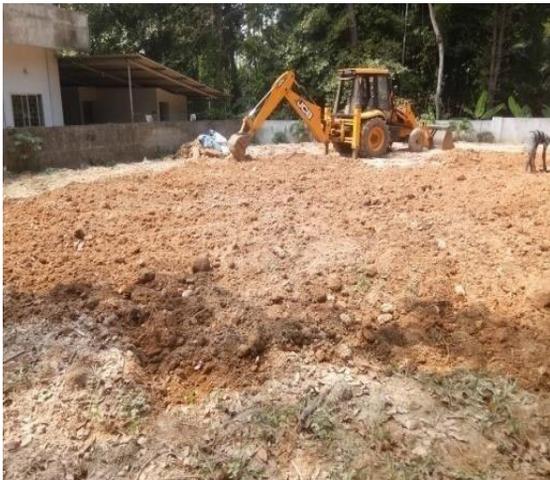
### 1) Before Intervention

ComponentDescription		Benchmark(Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.8	12 Q	32000	20000
Hort. Crops	Banana	200 nos	40 Q	100000	60000
Livestock	Cow	1 nos	3750 ltr	80000	55000
<b>Total</b>				<b>212000</b>	<b>135000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.8	20 Q	60000	42000	66.67	110
Hort. Crops	Banana	350 nos	70 Q	175000	130000	75	116.67
Livestock	Cow	3 nos	12600 ltr	240000	150000	236	172.72
<b>Total</b>				<b>475000</b>	<b>322000</b>		<b>138.52</b>

**Brief:** The farmer used to get annual income of Rs. 135000/- from Paddy, Banana, Cow . He faced problems like Severe pest attack in banana, Lack of labours With DFI interventions like bio inputs like nanma, ,menma, beauvaria from KVK, Support from Krishi bhavan in integrated farming system. he is getting annual income of Rs 322000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Rajesh AN Address:

Puthenpura, Vijayapuram

Kerala:

Age: 67

Education: Degree

Size of land holding (in acre): 1.3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Snake gourd	0.5	7.5 Q	32500	22000
Hort Crops	Coconut	0.7	1000 Nuts	25000	18000
<b>Total</b>				<b>57500</b>	<b>40000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Snake gourd	0.5	12.5 Q	52000	40000	66.67	81.82
Hort. Crops	Coconut	0.7	1500 nuts	45000	35000	50	94.44
Hort Crops	Amaranths	0.7	3.6 Q	9000	6000	>100	>100
<b>Total</b>				<b>106000</b>	<b>81000</b>		<b>102.5</b>

**Brief:** The farmer used to get annual income of Rs. 40000/- from Snake guard, Coconut . He faced problems like price fall in snake gourd, increase in price for inputs With DFI interventions like Support for vegetable farming from Krishi bhavan, Sale through Eco shop, he is getting annual income of Rs 81000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Mathew PJ  
 Address: Cheruvallil, Kidangoor  
 Kerala:  
 Age: 57  
 Education: Pre Degree  
 Size of land holding (in acre): 2.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	2	28 Q	78000	50000
Livestock	Goat	5	2.5 Q Meat	125000	80000
<b>Total</b>				<b>203000</b>	<b>130000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	2	50 Q	150000	110000	78.57	120
Livestock	Goat	8	4 Q Meat	200000	160000	60	100
<b>Total</b>				<b>350000</b>	<b>270000</b>		<b>107.69</b>

**Brief:** The farmer used to get annual income of Rs. 130000/- from Paddy, Goat . He faced problems like severe bacterial blight in paddy. With DFI interventions like bio inputs like pseudomonas and training to use these bio inputs ., he is getting annual income of Rs 270000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Mathew M George

Address: Perumthottam, Vijayapuram

Kerala:

Age: 47 Education:

BBA

Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Bitter gourd	0.6	60 Q	75000	55000
Poultry	Hen	25	6200 eggs	80000	60000
<b>Total</b>				<b>155000</b>	<b>115000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	200 nos	40 Q	100000	75000	>100	>100
Hort. Crops	Bhindi	0.6	2 Q	120000	85000	>100	>100
Poultry	Hen	50	12000 eggs	155000	105000	93.55	75
<b>Total</b>				<b>375000</b>	<b>265000</b>		<b>130.43</b>

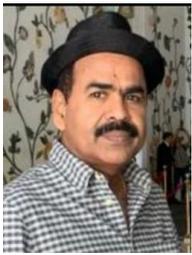
**Brief:** The farmer used to get annual income of Rs. 115000/- from Bittergourd Hen . He faced problems like severe fruit fly attack in bitter gourd, diseases in hen. With DFI interventions like training in intercropping system , support from krishi bhavan in integrated farming system., he is getting annual income of Rs 265000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Uthup Mathews Address:  
Kattomplackal, Vijayapuram

Kerala:

Age: 61 Education:

B.Com

Size of land holding (in acre): 2.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1.5	20 Q	50000	32000
Hort Crops	Rubber	0.75	3 Q	75000	45000
<b>Total</b>				<b>125000</b>	<b>77000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1.5	30 Q	90000	62000	50	93.75
Hort. Crops	Tapioca	0.7	10 Q	100000	70000	>100	>100
Poultry	Quail	200 nos	55000 eggs	120000	65000	>100	>100
<b>Total</b>				<b>310000</b>	<b>197000</b>		<b>155.84</b>

**Brief:** The farmer used to get annual income of Rs. 77000/- from Paddy, Rubber . He faced problems like tapping panel dryness, climatic issues, lack of experienced tapping labours . With DFI interventions like training in rubber tapping from Rubber board, Support for paddy cultivation from krishi bhavan, he is getting annual income of Rs 197000/-.



(Before DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Dr NV Sasidharan Address: Shanthinikethan, Vijayapuram

Kerala:

Age: 53 Education:

BAMS

Size of land holding (in acre): 1.25

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1	15 Q	40000	24000
<b>Total</b>				<b>40000</b>	<b>24000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1`	24 Q	72000	55000	60	129.17
Mushroom			1 Q	35000	26000	>100	>100
<b>Total</b>				<b>107000</b>	<b>81000</b>		<b>237.5</b>

**Brief:** The farmer used to get annual income of Rs. 24000/- from Paddy, . He faced problems like severe pest attack in paddy. With DFI interventions like training in mushroom cultivation, support from krishi bhavan in paddy cultivation and mushroom farming., he is getting annual income of Rs 81000.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: James Joseph

Address: Erumachadathu, KumaranalloorKerala:

Age: 54

Education: Pre Degree

Size of land holding (in acre): 2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.8	9 Q	250000	150000
Livestock	Goat	2 Nos	1 Q Meat	75000	50000
<b>Total</b>				<b>325000</b>	<b>200000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort.Crops	Rubber	1.8	12 Q	300000	225000	33.33	50
Hort. Crops	Turmeric	0.5	1 Q	50000	35000	>100	>100
Fisheries		0.03	2 Q	60000	40000	>100	>100
Livestock	Goat	5 nos	2.5 Q Meat	150000	100000	150	100
<b>Total</b>				<b>560000</b>	<b>400000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 200000/- from Rubber, Goat. He faced problems like tapping panel dryness, goat diseases. With DFI interventions like intercropping techniques training, from kvk, ., he is getting annual income of Rs 400000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Aneesh Mathew Address:

Cherupulasseril, Panachikkadu

Kerala:

Age: 37

Education: BA Malayalam

Size of land holding (in acre): 0.8 own & 1 - lease

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.5	9 Q	25000	16000
Hort. Crops	Banana	250 nos	50 Q	100000	75000
Livestock	Cow	2	6800 ltr	180000	110000
<b>Total</b>				<b>305000</b>	<b>201000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1	20 Q	65000	45000	122.22	181.25
Hort. Crops	Banana	400 nos	80 Q	185000	120000	60	60
Livestock	Buffalo	2	2.4 Q	65000	38000	100	100
Livestock	Cow	3	11000 ltr	300000	200000	61.76	81.82
<b>Total</b>				<b>615000</b>	<b>403000</b>		<b>100.5</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,, he is getting annual income of Rs 403000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Cheriyan TK Address:

Kuzhimattom, Panachikkadu

Kerala:

Age: 58

Education: Pre Degree

Size of land holding (in acre): 0.65

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.5	1.5 Q	100000	60000
Livestock	Cow	3	9000 ltr	200000	125000
<b>Total</b>				<b>300000</b>	<b>185000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	0.5	2.5 Q	120000	85000	66.67	41.67
Apiculture	20 colonies		240	75000	45000	>100	>100
Livestock	Cow	5	20000 ltr	520000	400000	122.22	220
<b>Total</b>				<b>715000</b>	<b>530000</b>		<b>186.49</b>

**Brief:** The farmer used to get annual income of Rs. 185000/- from Rubber,Cow . He faced problems like tapping panel dryness, cattle diseases. With DFI interventions like training in apiculture, he is getting annual income of Rs 530000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jose KJ  
Address: Kalaricakl, Erattupetta

Kerala:  
Age: 58  
Education: Pre Degree  
Size of land holding (in acre): 4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.5	9 Q	180000	90000
Hort crops	Nutmeg	1.5	Various outputs	250000	120000
<b>Total</b>				<b>430000</b>	<b>210000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1	9 Q	150000	100000	0	11.11
Hort. Crops	Nutmeg	1.5	Various outputs	275000	225000		87.50
Hort crops	Rambootan	50 nos	7.5 Q	100000	70000	>100	>100
Fisheries		0.07	10 Q	75000	50000	>100	>100
<b>Total</b>				<b>600000</b>	<b>445000</b>		<b>111.90</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/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Jose Mathew Address:

Valiyachennattu, Erattupetta

Kerala:

Age: 42 Education:

B.Com

Size of land holding (in acre): 0.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Cow	2	7000 ltr	240000	150000
<b>Total</b>				<b>240000</b>	<b>150000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Livestock	Cow	5	15000 ltr	500000	300000	114.29	100
Livestock	Goat	2	1 Q meat	100000	60000	>100	>100
Hort Crops	Banana	100 nos	22 Q	50000	35000	>100	>100
<b>Total</b>				<b>650000</b>	<b>395000</b>		<b>163.33</b>

**Brief:** The farmer used to get annual income of Rs. 150000/- from Cow . He faced problems like cattle diseases. With DFI interventions like training in usage of bioinputs like Pseudomonas, nanma and menma from kvk , preparation of compost from cow dung ., he is getting annual income of Rs 395000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: KJ Mohanakumar

Address: Sreenilayam, Thidanad

Kerala:

Age: 46

Education: ITI

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Goat	10 nos	4.5 Q	400000	202000
Hort. Crops	Rubber	1.2	8.5 Q	140000	90000
<b>Total</b>				<b>540000</b>	<b>292000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Fisheries		0.05	4.5 Q	70000	35000	>100	>100
Hort. Crops	Rubber	1.2	13 Q	200000	150000	52.94	66.67
Livestock	Goat	15	7.5 Q	600000	400000	66.67	98.02
<b>Total</b>				<b>870000</b>	<b>585000</b>		<b>100.34</b>

**Brief:** The farmer used to get annual income of Rs. 292000/- from Goat, Rubber. He faced problems like lack of labours for rubber tapping. With DFI interventions like training in rubber tapping techniques from rubber board, support for setting up fish pond he is getting annual income of Rs 585000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Siby John  
Address: Thulisseril, Thidanad

Kerala:

Age: 49

Education: School based

Size of land holding (in acre): 1.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Coconut	60 nos	2000 nuts	40000	25000
Livestock	Cow	3 nos	10000 ltr	250000	160000
<b>Total</b>				<b>290000</b>	<b>185000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort crops	Areca nut	50 nos	5000 nuts	70000	55000	>100	>100
Hort. Crops	Coconut	75 nos	2500 nuts	50000	38000	25	52
Livestock	Cow	5	18000 ltr	450000	300000	80	87.5
<b>Total</b>				<b>570000</b>	<b>393000</b>		<b>112.43</b>

**Brief:** The farmer used to get annual income of Rs. 185000/- from Coconut, Cow . He faced problems like pest attack in coconut, health issues. With DFI interventions like training in intercropping techniques, he is getting annual income of Rs 393000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Yamuna MJ Address:

Puhenpurackkal, Thidanad

Kerala:

Age: 45

Education: BA Malayalam

Size of land holding (in acre): 0.20 own & 0.6 rent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Amaranths	0.1	1 Q	15000	10000
Livestock	Goat	2	0.9 Q Meat	70000	45000
<b>Total</b>				<b>85000</b>	<b>55000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Amaranths	0.5	2.5 Q	45000	30000	150	200
Mushroom		150 beds	1.5 Q	50000	32000	>100	>100
Livestock	Goat	4	2 Q Meat	140000	100000	122.22	122.22
<b>Total</b>				<b>235000</b>	<b>162000</b>		<b>194.55</b>

**Brief:** The farmer used to get annual income of Rs. 55000/- from Amaranths, Goat, . He faced problems like pest and disease attack in amaranths. With DFI interventions like .bio inputs like pseudomonas from kvk, he is getting annual income of Rs 162000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Emmanuel Mathew

Address: Pezhumparambil, Teekoy

Kerala:

Age: 55

Education: M.Com, MPhil

Size of land holding (in acre): 2.4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort crops	Rubber	0.75	Two year plants		
Hort. Crops	Pineapple	0.75	16 Q	80000	55000
<b>Total</b>				<b>80000</b>	<b>55000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production (Q/Lt)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
HortCrops	Rubber	0.75	5 Q	75000	50000	>100	>100
Hort. Crops	Rambootan	0.8	2.25 Q	80000	48000	>100	>100
Hort crops	Nutmeg	0.5	Various outputs	22000	15000	>100	>100
<b>Total</b>				<b>177000</b>	<b>113000</b>		<b>105.45</b>

**Brief:** The farmer used to get annual income of Rs. 55000/- from Rubber, Pineapple . He faced problems like lack of skilled labours . With DFI interventions like training in exotic fruit cultivation from kvk, support from krishi bhavan, he is getting annual income of Rs 113000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jose Thomas

Address: Vathappallil, Teekoy

Kerala:

Age: 52

Education: Pre Degree

Size of land holding (in acre): 0.5own & 0.75 lease

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Banana	500 nos	60 Q	180000	80000
Hort. Crops	Ginger	0.2	10 Q	48000	30000
Livestock	Cow	2	6000 ltr	200000	110000
<b>Total</b>				<b>428000</b>	<b>220000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	0.75	80 Q	280000	200000	33.33	150
Hort. Crops	Ginger	0.2	12 Q	72000	55000	20	83.33
Hort Crops	Turmeric	0.2	7 Q	18000	12000	>100	>100
Livestock	Cow	4	10000 ltr	400000	220000	66.67	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/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jason Sebastian

Address: Plathotthiyil, Poonjar

Kerala:

Age: 42 Education:

B.Com

Size of land holding (in acre): 1.4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1	7 Q	120000	80000
Poultry	Hen	20	5000 eggs	75000	50000
<b>Total</b>				<b>195000</b>	<b>130000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Mushroom			2.5 Q	90000	60000	>100	100
Hort. Crops	Rubber	1.2	10 Q	180000	100000	42.86	25
Poultry	Hen	35	9000 eggs	150000	85000	80	70
Poultry	Quail	200	70000 eggs	120000	75000	>100	100
<b>Total</b>				<b>540000</b>	<b>320000</b>		<b>146.15</b>

**Brief:** The farmer used to get annual income of Rs. 130000/- from Rubber, Hen . He faced problems like tapping panel dryness, hen diseases. With DFI interventions like training in mushroom cultivation from kvk., he is getting annual income of Rs 320000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Babu CK

Address: Chenamattom ,ThalanaduKerala:

Age: 56

Education: Pre Degree

Size of land holding (in acre): 0.9

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Banana	0.5	25 Q	60000	35000
Fisheries		0.02	1 Q	100000	75000
<b>Total</b>				<b>160000</b>	<b>110000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	300 nos	60 Q	210000	150000	140	328.57
Hort Crops	Amorpho phallus	50 nos	1.2 Q	18000	10000	>100	>100
Hort. Crops	Ginger	0.05	2 Q	14000	9000	>100	>100
Fisheries		0.04	1.5 Q	250000	120000	50	60
<b>Total</b>				<b>492000</b>	<b>289000</b>		<b>162.72</b>

**Brief:** The farmer used to get annual income of Rs. 110000/- from Banana, Fisheries . He faced problems like fungal diseases for fish, severe pest attack in banana. With DFI interventions like training in intercropping techniques of horticultural crops , support from fisheries department he is getting annual income of Rs 289000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Kuriachen Joseph

Address: Nettikaattu, Moonalivu

Kerala:

Age: 38

Education: Msc Physics

Size of land holding (in acre): 2.4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	2	15 Q	250000	150000
<b>Total</b>				<b>250000</b>	<b>150000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1.5	15 Q	250000	150000	0	0
Hort. Crops	Rambootan	0.7	10 Q	120000	80000	>100	>100
Livestock	Rabbit	50 nos	1 Q	150000	90000	>100	>100
<b>Total</b>				<b>520000</b>	<b>320000</b>		<b>113.33</b>

**Brief:** The farmer used to get annual income of Rs. 150000/- from Rubber . He faced problems like lack of family support. With DFI interventions like supporting exotic fruit cultivation from from krishi bhavan ., he is getting annual income of Rs 320000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Josekutty Joseph

Address: Thanical, Moonalivu

Kerala:

Age: 54 Education:

B.Com

Size of land holding (in acre): 1.85

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Rubber	1	8 Q	120000	60000
Hort. Crops	Banana	200 nos	40 Q	100000	60000
Livestock	Cow	2	6000 ltr	200000	125000
<b>Total</b>				<b>420000</b>	<b>245000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1	10 Q	150000	100000	25	66.67
Hort. Crops	Banana	300 nos	90 Q	220000	150000	125	150
Livestock	Goat	3	1.5 Q	90000	65000	>100	>100
Livestock	Cow	3	11000 ltr	375000	200000	83.33	60
<b>Total</b>				<b>835000</b>	<b>515000</b>		<b>110.2</b>

**Brief:** The farmer used to get annual income of Rs. 245000/- from Rubber, Banana, Cow. He faced problems like pest attack, lack of labours. With DFI interventions like use of bio inputs like pseudomonas, nanma menma provided from kvk., he is getting annual income of Rs 515000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jose Joseph

Address: Vazheyil, Melukavu

Kerala:

Age: 61

Education:

Size of land holding (in acre): 3.15

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.5	14 Q	240000	160000
Livestock	Cow	4	11500 ltr	250000	120000
<b>Total</b>				<b>490000</b>	<b>280000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1.5	16 Q	250000	175000	14.29	9.38
Hort. Crops	Coconut	100 nos	4000 nuts	120000	80000	>100	>100
Livestock	Cow	6	24000 ltr	540000	340000	108.7	183.33
<b>Total</b>				<b>910000</b>	<b>595000</b>		<b>112.5</b>

**Brief:** The farmer used to get annual income of Rs. 280000/- from Rubber, Cow. He faced problems like lack of labours for rubber tapping, price fall for outputs . With DFI interventions like training in coconut processing techniques from kvk, support from animal husbandry department ., he is getting annual income of Rs 595000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Sebin George Address:  
Thulumbanmaakal, Melukavu

Kerala:

Age: 34

Education: Tourism Degree

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1	6 Q	120000	80000
<b>Total</b>				<b>120000</b>	<b>80000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	0.75	5.5 Q	100000	75000	-8.33	-6.25
Hort. Crops	Rambo otan	25 nos	2.5 Q	80000	65000	>100	>100
Fisheries		0.05	4.5 Q	75000	50000	>100	>100
<b>Total</b>				<b>255000</b>	<b>190000</b>		<b>137.5</b>

**Brief:** The farmer used to get annual income of Rs. 80000/- from Rubber . He faced problems like price fall in rubber . With DFI interventions like training and support for exotic fruit cultivation, support from fisheries department he is getting annual income of Rs 190000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Tomy Sebastian

Address: Mattathil, Melukavu

Kerala:

Age: 57

Education: Pre degree

Size of land holding (in acre): 0.75 own & 1.2 lease

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Coconut	0.65	750 nuts	20000	15000
Hort. Crops	Arecanut	0.25	2000 nuts	18000	12000
Livestock	Cow	1	3500 ltr	115000	80000
<b>Total</b>				<b>153000</b>	<b>107000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Coconut	0.65	1000 nuts	32000	25000	33.33	66.67
Hort. Crops	Arecanut	0.25	2500 nuts	24000	18000	25	50
Hort crops	Banana	800 nos	250 Q	280000	200000	>100	>100
Hort crop	Amaranth	0.4	2 Q	25000	15000	>100	>100
Livestock	Cow	2	6000 ltr	220000	145000	71.43	81.25
<b>Total</b>				<b>581000</b>	<b>403000</b>		<b>276.64</b>

**Brief:** The farmer used to get annual income of Rs. 107000/- from Recant, Coconut, Cow . He faced problems like pest attack in coconut, lack of skilled labours . With DFI interventions like training in intercropping techniques in coconut field from kvk , he is getting annual income of Rs 403000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: KJ Vargheese

Address: Alencheril. Manimala

Kerala:

Age: 60

Education: Pre Degree

Size of land holding (in acre): 2.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1.2	20 Q	56000	40000
Hort. Crops	Coconut	15 nos	450 nos	12000	7500
Livestock	Goat	2	1 Q Meat	80000	50000
<b>Total</b>				<b>148000</b>	<b>97500</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1.2	30 Q	85000	60000	50	50
Hort. Crops	Coconut	25 nos	850 nos	30000	20000	88.89	166.67
Hort Crops	Banana	150 nos	7.5 Q	180000	110000	>100	>100
Livestock	Goat	4	2 Q Meat	160000	100000	100	100
<b>Total</b>				<b>455000</b>	<b>290000</b>		<b>197.44</b>

**Brief:** The farmer used to get annual income of Rs. 97500/- from Paddy, Coconut, Cow . He faced problems like pest and disease problems in paddy, labour shortage in coconut climbing, . With DFI interventions like training in use of coconut climbing machine, milking machine ., he is getting annual income of Rs 290000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: OA Devasia Address:Vettikaattu,  
Manimala

Kerala:

Age: 68

Education:

Size of land holding (in acre):2.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort Crops	Rubber	1.5	12 Q	150000	80000
Hort. Crops	Nutmeg	0.7	1 Q	80000	40000
Livestock	Cow	1	3000 ltr	75000	45000
<b>Total</b>				<b>305000</b>	<b>165000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Rubber	1.25	14 Q	150000	100000	16.67	25
Hort. Crops	Nutmeg	0.7	1.8 Q	100000	75000	80	87.5
Hort crops	Black pepper	0.5	1.2 Q	57000	42000	>100	>100
Hort Crops	Coconut	30 nos	900 Nuts	30000	20000	>100	>100
Livestock	Cow	3	10500 ltr	250000	170000	250	277.78
<b>Total</b>				<b>587000</b>	<b>407000</b>		<b>146.67</b>

**Brief:**The farmer used to get annual income of Rs. 165000/- from Rubber, Nutmeg,Cow . He faced problems like cattle diseases, lack of experienced labours . With DFI interventions like training in compost preparation and inter cropping techniques from KVK, he is getting annual income of Rs 407000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jose Poulouse

Address: Pullapallil, Erumely

Kerala:

Age: 58

Education: Up to 10

Size of land holding (in acre): 1.45

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Poultry	Chicken	100	2 Q Meat	20000	14000
Livestock	Cow	2	6000 ltr	160000	100000
Hort Crops	Tapioca	0.5	20 Q	20000	15000
<b>Total</b>				<b>200000</b>	<b>129000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort crops	Tapioca	0.8	50 Q	50000	35000	150	133.33
Poultry	Chicken	200	4 Q Meat	36000	25000	100	78.57
Livestock	Cow	3	9500 ltr	350000	220000	58.33	120
Hort Crops	Yam	0.3	5 Q	6000	4000	>100	>100
Hort Crops	Taro	0.3	3 Q	5000	4000	>100	>100
<b>Total</b>				<b>447000</b>	288000		<b>123.26</b>

**Brief:** The farmer used to get annual income of Rs. 129000/- from Tapioca, Hen, Cow . He faced problems like price fall in outputs, diseases for animals . With DFI interventions like training in use of milking machine, providing in inputs like yam, taro, he is getting annual income of Rs 288000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: KVK, Kottayam

Name of farmer: Shailaja Rajendran Address:

Kadungasseril , TV puram Kerala:Age: 50

Education: High School

Size of land holding (in acre): 0.05 + 0.20 (leased land)

### 1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Snake gourd	0.05	5Q	15000	13500
Hort. Crop 2	Banana-nendra	30 nos	2.4 Q	8160	6160
Hort. Crop 3	Ginger	0.05	2.6 Q	19500	15000
Hort. Crop 4	Turmeric	0.05	1.75Q	3500	2750
<b>Total</b>				<b>46160</b>	<b>37410</b>

### 2) Status in 2020

Component Description		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	Snake gourd	0.05	6.5Q	22750	20750	30.00	53.70
Hort. Crop 2	Banana-Nendran	15 nos	1.80 Q	4500	4050	-25	-34.25
Hort. Crop 3	Ginger	0.05	3.5 Q	26250	22250	34.62	48.33
Hort. Crop 4	Turmeric	0.05	2.5Q	5000	4000	42.86	45.45
Livestock 1	Dairy	1 no	2235 L	67050	45737	>100	>100
<b>Total</b>				<b>125550</b>	<b>96787</b>		<b>158.72</b>

**Brief:** The farmer used to get annual income of Rs.37410 /- from snakegourd, banana, ginger, turmeric etc. She faced problems like poor yield, soil related constraints, pest and diseases etc. With DFI interventions like HYV, soil testing, INM, IPDM, Training etc., she is getting annual income of Rs 96787/-. In addition, there is cost saving of Rs. 1000/- in the production of 3.5 Q ginger.



## Effect of DFI intervention

Name of KVK: **KVK, Kottayam**



**Name of farmer: Sudhakaran V.**

**Address: Vadakkepatachathanpallil (H), Chemmanathukara, TV puram, Kottayam Kerala:Age: 73**

**Education: Primary**

**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.)
Hort. Crop 1	Yard long bean	0.01	0.8Q	2000	1500
Hort. Crop 2	Tapioca	50 nos	3Q	6600	5000
Hort. Crop 3	Ginger	0.02	1 Q	7500	5000
<b>Total</b>				<b>16100</b>	<b>11500</b>

### 2) Status in 2020

Component Description		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	Yard long bean	0.01	0.96 Q	3188	2750	20.00	83.33
Hort. Crop 2	Tapioca	50 nos	4Q	10000	8500	33.33	70
Hort. Crop 3	Ginger	0.02	1.28Q	12800	10300	28.00	106
Hort. Crop 5	Amaranthus	0.01	0.88 Q	4200	2740	>100	>100
<b>Total</b>				<b>27000</b>	<b>21540</b>		<b>87.30</b>

**Brief:** The farmer used to get annual income of Rs. 11500/- from yard long bean, tapioca, ginger etc. He faced problems like lack of high yielding variety, pest, diseases, soil problems, poor yield etc. With DFI interventions like etc. HYV, INM, IPDM, training, he is getting annual income of Rs. 21540/-. In addition, there is cost saving of Rs. 1000/- in the production of 4Q tapioca.



After intervention



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joji Mathews Address:

Athappallil, Ayarkunnam

Kerala:

Age: 54

Education: Pre-degree

Size of land holding (in acre): 0.36 own & 0.70 rent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Cow	2	5500 ltr	240000	140000
				<b>240000</b>	<b>140000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Rice	0.7	15 Q	45000	32500	>100	>100
Livestock	Cow	3	8500 ltr	400000	250000	54.54	78.57
Mushroom		0.02	0.5 Q	18000	6000	>100	>100
				<b>463000</b>	<b>288500</b>	<b>47</b>	<b>106.07</b>

**Brief:** The farmer used to get annual income of Rs. 140000 from livestock only. Then he diversified his agricultural activities with help of Jaivagraham programme from Krishi Bhavan with the technology support which help him to raise income to 288500/-. Rice cultivation with a new seed variety Pournami with support of KVK Kottayam helped him in getting higher yield



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Vijyakumar AV

Address: Mamballiyil, Ayarkunnam, KottayamKerala:

Age: 49

Education:

Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Amaranthus	0.4	5 Q	12000	9000
Hort. Crops	Cow pea	0.3	1.25 Q	25000	12000
Livestock	Goat	4	2 Q	70000	50000
<b>Total</b>				<b>107000</b>	<b>71000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Amaranthus	0.8	25 Q	50000	45000	400	400
Hort. Crops	Banana	0.8	70 Q	140000	100000	>100	>100
Livestock	Goat	7	3.5 Q	150000	90000	75	80
<b>Total</b>				<b>340000</b>	<b>235000</b>		<b>230.98</b>

**Brief:** The farmer used to get annual income of Rs. 71000/- from cowpea, amaranthus, goat etc. He faced problems like flood, pest. With DFI interventions small machineries, proper marketing channel, he is getting annual income of Rs 235000. With the use of *Pseudomonas fluorescens* provided from KVK Kottayam he was able to control the leaf blight of amaranthus



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Jessy Joseph Address:Tharayil, Ayarkunnam, Kottayam

Kerala:

Age: 52

Education: Btec – civil engineer Size of land holding (in acre): 1.1

### 1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Rice	0.5	12 Q	30600	25000
Hort. Crops	Bush cowpea	0.5	7 Q	8000	4000
Livestock	Cow	2	6000 ltr	200000	120000
<b>Total</b>				<b>238600</b>	<b>149000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Rice	0.5	14 Q	42000	36000	16.67	44
Hort. Crops	Bush cowpea	0.5	15 Q	18000	12000	114.29	200
Livestock	Cow	3	10000 ltr	400000	250000	6.67	108.33
Livestock	Buffalo	2	1.8 Q	40000	80000	>100	>100
<b>Total</b>				<b>500000</b>	<b>378000</b>		<b>153.7</b>

**Brief:** Jaivagraham programme from Krishi Bhavan help him to extent his agricultural activities. Use of more organic manures and bio fertilizers from cattle manure reduce agricultural expense. His annual income increased from Rs. 149000/- to Rs. 378000/-.



(Before DFI crops/system)



(After DFI crops/system)



Name of farmer: Anil Kumar Address: Vellamattu, Ayarkunnam

Kerala:

Age: 43 Education:

B.Com

Size of land holding (in acre): 0.75

## 1) Before Interventio

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	0.6	4.5 Q	70000	38000
Hort. Crops	Nutmug	0.2	2 Q	10000	10000
<b>Total</b>				<b>80000</b>	<b>48000</b>

## 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Component	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Banana	0.6	8 Q	135000	100000	77.78	163.16
Hort. Crops	Tapioca	0.4	5 Q	50000	40000	>100	>100
Hort. Crops	Betel Vine	0.3	1 Q	75000	50000	>100	>100
<b>Total</b>				<b>260000</b>	<b>190000</b>		<b>295.83</b>

**Brief:** The farmer used to get annual income of Rs. 48000/- from Banana, Nutmug etc. He faced problems like flood, pest. With DFI interventions like proper fertilizer application, intercropping technique, he is getting annual income of Rs 190000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Sunny Thomas Address:

Marangattil, Ayarkunnam

Kerala:

Age: 60

Education: Pre Degree

Size of land holding (in acre): 1.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Nutmug	0.2	Varios outputs	25000	18000
<b>Total</b>				<b>25000</b>	<b>18000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Componen ts	Names	Area - Acre/No.	Production(Q/Lt r/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.4	10 Q	35000	27000	>100	>100
Hort. Crops	Nutmu g	0.2	Various outputs	38000	30000		66.67
Hort. Crops	Vegetables		2 Q	20000	12000	>100	>100
<b>Total</b>				<b>93000</b>	<b>69000</b>		<b>283.33</b>

**Brief:** The farmer used to get annual income of Rs. 18000/- from nutmug only. He diversified his agriculture with help of Krishibhavan. By maintaining his field and proper fertilization he is now earning a income upto 69000/-





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Savio John

Address: Edamattom, Arumanoor P.O, Kottayam Kerala:

Age: 36 Education:

M.Tec

Size of land holding (in acre): 2.4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Nutmug	0.5	1 Q	50000	40000
Livestock	Cow	2	7000 ltr	75000	50000
Total				125000	90000

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Nutmug	0.5	1.5 Q	70000	52000	50	30
Livestock	Cow	14	80000 ltr	1200000	700000	1042.86	1300
Poultry	Hen	50	15000 eggs	100000	60000	>100	>100
Total				1370000	812000		802.22

**Brief:** The farmer used to get annual income of Rs. 90000/- etc. He faced problems like flood, diseases for cow, labour shortage. With DFI interventions like milking machine, cow mats etc., he is getting annual income of Rs. 812000/- .



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Gim Sebastian Address: Kottathil, Kongandoor P.O,

Kerala:

Age: 48

Education:

Size of land holding (in acre): 0.6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Business					
Total					

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Other	Mushroom	0.3	6 Q	70000	50000	>100	>100
<b>Total</b>				<b>170000</b>	<b>50000</b>		<b>&gt;100</b>

**Brief:** He and his family was in Saudi Arabia upto 2018. After returning from there they started a mushroom production unit with the help of Krishi Bhavan. He attended training in mushroom production from KVK. Now he is earning income upto 50000/-



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: P.V Rajeev

Address: Muzhapangiyil, AyarkunnamKerala:

Age: 36

Education: MA Malayalam

Size of land holding (in acre): 0.3 own and 1 acre rent

### 1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.5	9 Q	26000	18000
Hort. Crops	Banana – Njalipuvan	0.4	4.5 Q	90000	75000
Livestock	Buffalo	1	0.8 Q	45000	36000
<b>Total</b>				<b>161000</b>	<b>129000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1	25 Q	70000	55000	177.78	205.56
Hort. Crops	Banana Njalipovan	0.4	8.8 Q	200000	140000	95.56	86.67
Livestock	Buffalo	5	4 Q	180000	110000	400	205.56
<b>Total</b>				<b>450000</b>	<b>305000</b>		<b>136.4</b>

**Brief:** The farmer used to get annual income of Rs.129000/- from paddy, banana, buffalo etc. He faced problems like flood, pest, diseases, weeds. With DFI interventions like small machineries, he is getting annual income of Rs 305000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Nibin Thomas  
 Address: Mukalel, Ayarkunnam  
 Kerala: Age: 25  
 Education: MBA  
 Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1	7 Q	120000	65000
<b>Total</b>				<b>120000</b>	<b>65000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	1	8.5 Q	190000	95000	21.43	46.15
Poultry	Hen	160	100000 eggs	250000	140000	>100	>100
	Fisheries	0.015	1 Q	25000	20000	>100	>100
<b>Total</b>				<b>465000</b>	<b>255000</b>		<b>292.31</b>

**Brief:** He is young part time farmer doing poultry along with his bank job. His initial income was Rs. 65000/-. With the help of support from Krishi Bhavan he started poultry and fisheries which help him to rise up his income by 292.31% to Rs.255000/-



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Navya Pradeep

Address: Pezhumparambil, Thiruvanchoor P.O, Ayarkunnam Kerala:

Age:

Education:

Size of land holding (in acre):

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Goat	3	1.5 Q	90000	75000
<b>Total</b>				<b>90000</b>	<b>75000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Mushroom			1 Q	35000	28000	>100	>100
Livestock	Rabbit	14	0.3 Q	4500	3000	>100	>100
Livestock	Goat	5	2.5 Q	150000	120000	66.67	60
<b>Total</b>				<b>189500</b>	<b>151000</b>		<b>101.33</b>

**Brief:** The farmer used to get annual income of Rs. 75000/- from goat farming etc. With DFI interventions like mushroom production training from KVK, Krishi Bhavan, he is getting annual income of Rs. 151000.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Jose Ouseph

Address: Kunjarakaattil, Arumanoor P.O, AyarkunnamKerala:

Age: 62

Education: Retd teacher

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	1	60 Q	190000	160000
<b>Total</b>				<b>190000</b>	<b>160000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Suagrcane	0.75	15 Q	250000	175000	>100	>100
Hort. Crops	Banana	0.5	50 Q	165000	145000	-16.67	-9.38
<b>Total</b>				<b>415000</b>	<b>320000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 160000/- from banana, etc. He faced problems like flood, pest etc. With DFI interventions like jaggery production, he is getting annual income of Rs 320000/-



(Before DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Sebastian

Address: Koipuram, Arumanoor P.O, AyarkunnamKerala:

Age: 62

Education: Retd Teacher

Size of land holding (in acre): 2.5

### 1) Before Intervention

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

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	2	50 Q	145000	100000	47.06	66.67
Hort. Crops	Bittergourd	0.5	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 shortage. With DFI interventions like small machineries, he is getting annual income of Rs 175000/- .



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: James Joseph Address:  
Marangattil, Ayarkunnam

Kerala:

Age: 68

Education: Retd teacher

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	0.7	12 Q	31200	20000
Hort. Crops	Cucumber	0.2	1 Q	7500	5000
<b>Total</b>				<b>38700</b>	<b>25000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	0.7	14.5 Q	40600	34000	20.83	70
Hort. Crops	Cucumber	0.5	8 Q	32000	25000	700	400
Fisheries		0.2	1.4 Q	28000	22000	>100	>100
<b>Total</b>				<b>100600</b>	<b>81000</b>		<b>224</b>

**Brief:** The farmer used to get annual income of Rs. 25000/- from paddy, cucumber etc. He faced problems like water shortage, weeds etc. With DFI interventions like training from Krishibhavan, support for fish pond, he is getting annual income of Rs 81000/- .



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Sini B

Address: Vaniyapurackkal, Kongandoor P.O, AyarkunnamKerala:

Age: 47

Education: MA Malayalam

Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Amaranthus	0.3	3 Q	15000	10000
<b>Total</b>				<b>15000</b>	<b>10000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Amaranthus	0.5	5 Q	26000	20000	66.67	100
Mushroom	Mushroom	0.01	1.8 Q	63000	45000	>100	>100
<b>Total</b>				<b>89000</b>	<b>65000</b>		<b>550</b>

**Brief:** The farmer used to get annual income of Rs. 10000/- from Amaranthus and other crops. She faced problems like lack of family support, water shortage. With DFI interventions like mechanized irrigation, mushroom production training, she is getting annual income of Rs 65000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Animon J Address:  
Murangayil, Ayarkunnam

Kerala:

Age: 37 Education:

B.Com

Size of land holding (in acre): 0.54

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Tapioca	0.4	50 Q	40000	33000
Livestock	Cow	3	11000 ltr	210000	160000
<b>Total</b>				<b>250000</b>	<b>193000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Banana	0.4	20 Q	80000	55000	>100	>100
Hort. Crops	Tapioca	0.4	70 Q	70000	55000	40	66
Livestock	Cow	4	30000 ltr	400000	320000	172.72	100
<b>Total</b>				<b>550000</b>	<b>430000</b>		<b>122.80</b>

**Brief:** The farmer used to get annual income of Rs. 193000/- from tapioca, cow. He faced problems like flood, labour shortage, weeds, pest etc. With DFI interventions like small machineries, he is getting annual income of Rs 430000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: James Sebastian  
 Address: Puthenveetil, Ayarkunnam  
 Kerala:  
 Age: 64  
 Education: Retd bank staff  
 Size of land holding (in acre): 3.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1.5	25 Q	62500	45000
Hort. Crops	Coconut	0.5	350 nuts	40000	35000
Fisheries		0.25	Nil	Nil	
<b>Total</b>				<b>102500</b>	<b>80000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	1.5	32 Q	90000	72000	28	60
Hort. Crops	Coconut	0.5	500 nuts	72000	60000	42.86	71.43
Fisheries		0.25	2 Q	45000	32000	>100	>100
<b>Total</b>				<b>207000</b>	<b>164000</b>		<b>105</b>

**Brief:** The farmer used to get annual income of Rs.80000 from paddy, coconut, fisheries. He faced problems like weeds, labour shortage, climatic problems, theft etc. With DFI interventions like Brush cutter, training about correct fertilizer application from KVK, Coconut production etc., he is getting annual income of Rs164000.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Dr Radhakrishnan

Address: Asha bhavan, Ayarkunnam

Kerala:

Age: 60

Education: Homeo doctor

Size of land holding (in acre): 0.3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Mushroom		0.01	0.5 Q	17500	12000
<b>Total</b>				<b>17500</b>	<b>12000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Dragon fruit	House top	5 Q	70000	52000	>100	>100
Mushroom		0.02	1.5 Q	55000	45000	200	275
<b>Total</b>				<b>125000</b>	<b>97000</b>		<b>708.33</b>

**Brief:** The farmer used to get annual income of Rs. 12000/- from mushroom and other horticultural crops. He faced problems like pest problems. With DFI interventions like training on mushroom production from KVK , support for rooftop farming, he is getting annual income of Rs 97000.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Manu Mathew

Address: Karingottumattathil, Ayarkunnam

Kerala:

Age: 32 Education:

M.Com

Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	0.6	5 Q	160000	105000
Livestock	Cow	1	3500 ltr	70000	51000
<b>Total</b>				<b>230000</b>	<b>156000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	0.6	7 Q	200000	145000	40	38.10
Hort. Crops	Amorphallus	0.15	2 Q	12000	9000	>100	>100
Livestock	Cow	3	12000 ltr	210000	165000	242.85	223.53
<b>Total</b>				<b>422000</b>	<b>319000</b>		<b>104.5</b>

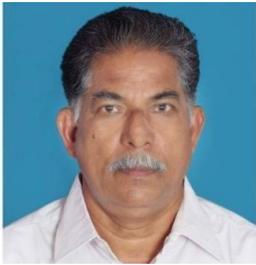
**Brief:** The farmer used to get annual income of Rs. 156000/- from rubber, cow etc. He faced problems like weeds, diseases for cow. With DFI interventions like rubber tapping training., he is getting annual income of Rs. 319000.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joy Thomas Address:

Vathappallil, Ayarkunnam

Kerala:

Age: 63

Education:

Size of land holding (in acre): 2.2

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	1.2	10 Q	350000	250000
<b>Total</b>				<b>350000</b>	<b>250000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	1.2	13 Q	420000	375000	30	50
Hort. Crops	Rambutan	0.8	5 Q	240000	205000	>100	>100
<b>Total</b>				<b>660000</b>	<b>580000</b>		<b>132</b>

**Brief:** The farmer used to get annual income of Rs. 250000/- from rubber etc. He faced problems like wage hike, labour shortage. With DFI interventions like support for fruit plants, tapping training, he is getting annual income of Rs 580000/-.



(Before DFI crops/system)



(After DFI crops/system)

## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Chandrababu  
Address: Mambalil, Mattappally, AyarkunnamKerala:  
Age: 58  
Education: Pre Degree  
Size of land holding (in acre): 0.8

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Livestock	Goat	8	3.7 Q Meat	150000	115000
<b>Total</b>				<b>150000</b>	<b>115000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Livestock	Goat	20	7 Q meat	480000	300000	89.19	160.87
Poultry	Quail	300	200000 eggs	150000	80000	>100	>100
Fisheries		0.02		40000	24000	>100	>100
<b>Total</b>				<b>670000</b>	<b>404000</b>		<b>251.30</b>

**Brief:** The farmer used to get annual income of Rs. 115000/- from goat. He faced problems like diseases, accident. With DFI interventions like support for goat shed and fish pond, he is getting annual income of Rs 404000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Maniyan

Address: Kovilarukil , Vaikom

Kerala:

Age: 55

Education:

Size of land holding (in acre): 0.5 own and 4 acre rent

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crops	Paddy	1.5	28 Q	70000	55000
Hort. Crops	Banana	0.75	60 Q	140000	90000
Livestock	Cow	2	15000 ltr	220000	120000
<b>Total</b>				<b>430000</b>	<b>265000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Field Crops	Paddy	2.2	45 Q	135000	100000	60.71	81.82
Hort. Crops	Banana	1	80 Q	240000	160000	33.33	77.78
Livestock	Cow	3	19000 ltr	380000	280000	26.67	133.33
<b>Total</b>				<b>755000</b>	<b>540000</b>		<b>103.77</b>

**Brief:** The farmer used to get annual income of Rs. 265000/- from banana, paddy, cow. He faced problems like severe pest attack in rice, weed problem, banana rhizome weevil. With DFI interventions like nanma and menma for rhizome weevil, transplanter, he is getting annual income of Rs 540000/-.



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Binuraj Address:

Thoppil house, Vaikom

Kerala:

Age: 50

Education: Pre Degree

Size of land holding (in acre): 1.5

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Fisheries		0.08	4 Q	150000	100000
Livestock	Cow	5	12000 ltr	400000	180000
<b>Total</b>				<b>550000</b>	<b>280000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Fisheries		0.10	6 Q	200000	150000	50	50
Hort. Crops	Tapioca	0.75	50 Q	50000	32000	>100	>100
Livestock	Cow	5	18000 ltr	520000	400000	50	122.00
<b>Total</b>				<b>770000</b>	<b>582000</b>		<b>107.86</b>

**Brief:** The farmer used to get annual income of Rs. 280000/- from fisheries, cow etc. He faced problems like diseases for fish, banana viral diseases. With DFI interventions like cow, fisheries, tapioca, he is getting annual income of Rs 582000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Radhakrishnan Address: Padmavilasam, Kanakkary

Kerala:

Age: 58

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

Size of land holding (in acre): 1.4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Cowpea	0.5	9 Q	38000	30000
Livestock	Cow	2	11000 ltr	200000	160000
<b>Total</b>				<b>238000</b>	<b>190000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Bittergourd	0.3	20 Q	20000	15000	>100	>100
Hort. Crops	Cowpea	0.5	12 Q	45000	35000	33.33	16.67
Hort. Crops	Snakegourd	0.4	40 Q	22000	17000	>100	>100
Livestock	Cow	4	20000 ltr	400000	320000	81.82	100
<b>Total</b>				<b>487000</b>	<b>387000</b>		<b>103.68</b>

**Brief:** The farmer used to get annual income of Rs. 190000 from cowpea, cow. He faced problems like pest attack, diseases for cow etc. With DFI interventions like Subsidy for vegetable farming, Jaivagraham from krishi bhavan , he is getting annual income of Rs 387000/-



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Joy Sebastian

Address: Kavumthalil, Pattinam P.O KanakkaryKerala:

Age: 50

Education: Pre Degree

Size of land holding (in acre): 3

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Snake gourd	0.5	8 Q	45000	32000
Hort. Crops	Tapioca	0.8	60 Q	48000	30000
Hort. Crops	Banana	0.8	40 Q	140000	95000
<b>Total</b>				<b>233000</b>	<b>157000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Snake gourd	0.5	10 Q	70000	55000	25	71.87
Hort. Crops	Tapioca	1	85 Q	85000	60000	41.67	100
Hort. Crops	Banana	0.8	70 Q	210000	150000	75	57.89
Hort. Crops	Ginger	0.4	20 Q	80000	50000	>100	>100
<b>Total</b>				<b>445000</b>	<b>315000</b>		<b>100.63</b>

**Brief:** The farmer used to get annual income of Rs. 157000/- from Snake gourd, Banana, Tapioca. He faced problems like labour shortage, price fall, viral diseases. With DFI interventions like brush cutter, training and support for vegetable farming, he is getting annual income of Rs 315000/-.





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joy Devasia  
 Address: Vazhavelikkakath, Kadappoor P.O, KanakkaryKerala:  
 Age: 58 Education: BA  
 Size of land holding (in acre): 1.55

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	0.9	65 Q	120000	90000
Livestock	Goat	5	2.5 Q	125000	75000
<b>Total</b>				<b>245000</b>	<b>165000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort Crops	Banana	1.2	90 Q	200000	160000	38.46	77.77
Hort. Crops	Tapioca	0.6	50 Q	50000	42000	>100	>100
Livestock	Goat	14	7 Q	350000	275000	180	266.67
<b>Total</b>				<b>600000</b>	<b>477000</b>		<b>189.09</b>

**Brief:** The farmer used to get annual income of Rs. 165000/- from goat, banana and tubers. He faced problems like weeds, viral diseases of tapioca, diseases goat. With interventions like small machineries he was technologically supported in scientific cultivation practices. Presently he is getting annual income of Rs 477000/-.

(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Joji John

Address: Kaviumkumpallil, KanakkaryKerala:

Age: 46 Education:

B.com

Size of land holding (in acre): 2.25

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Banana	1	100 Q	100000	80000
Livestock	Cow	2	10500 ltr	160000	120000
<b>Total</b>				<b>260000</b>	<b>200000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Banana	1	140 Q	320000	245000	40	206.25
Hort. Crops	Amorpho phallus	0.25	3 Q	27000	22000	>100	>100
Livestock	Cow	3	17000 ltr	280000	160000	61.90	33.33
Fisheries		0.02	1.5 Q	20000	12000	>100	>100
<b>Total</b>				<b>647000</b>	<b>439000</b>		<b>119.50</b>

**Brief:** The farmer used to get annual income of Rs. 200000/- from cow banana, tubers He faced problems like labour shortage, weeds, disease for cattle. With DFI interventions like correct fertilizer application , direct sale through Krishi Bhavan outlet, he is getting annual income of Rs 439000/-.



## Effect of DFI intervention

Name of KVK: Kottayam



Name of farmer: Sivan K.P

Address: Kandamkettiyel, Kalathoor KanakkaryKerala:

Age: 52

Education:

Size of land holding (in acre): 4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Coconut	0.5	250 nuts	120000	90000
Hort. Crops	Tapioca	1.25	100 Q	100000	70000
Livestock	Cow	2	6000 ltr	180000	105000
<b>Total</b>				<b>400000</b>	<b>265000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No	Production (Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Coconut	0.5	300 nuts	150000	115000	20	27.78
Hort. Crops	Tapioca	1.5	150 Q	150000	100000	50	42.85
Hort. Crops	Cowpea	0.7	15 Q	80000	55000	>100	>100
Livestock	Cow	4	16000 ltr	400000	260000	166.67	147.62
<b>Total</b>				<b>780000</b>	<b>530000</b>		<b>100</b>

**Brief:** The farmer used to get annual income of Rs. 265000/- from coconut, tapioca, cow . He faced problems like labour shortage, weeds, wage hike, price fall etc. With DFI interventions like mechanized coconut harvest, training in oil production, post harvest technology from KVK etc., he is getting annual income of Rs 530000/-.

(Before DFI crops/system)



(After DFI crops/system)





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Aby Mathew

Address: Mangalassery, Puthuveli P.O KanakkaryKerala:

Age: 42 Education:

B.com

Size of land holding (in acre): 4

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Rubber	2	15 Q	160000	100000
Hort. Crops	Coconut	0.8	450 nuts	80000	65000
<b>Total</b>				<b>240000</b>	<b>165000</b>

### 2) Status in 202-0

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Rubber	2	20 Q	220000	175000	33.33	75
Hort. Crops	Coconut	0.8	500 nuts	150000	105000	11.11	61.54
	Fisheries	0.05	3 Q	100000	75000	>100	>100
<b>Total</b>				<b>470000</b>	<b>355000</b>		<b>115.15</b>

**Brief:** The farmer used to get annual income of Rs. 165000/- from Rubber, Coconut etc. He faced problems like pest attack, rubber price fall, lack of experienced labour etc. With DFI interventions like support for fish pond, coconut post harvest techniques, he is getting annual income of Rs 355000/- .



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Shaji Joseph

Address: Poothakkanal, Kurichithanam P.O KanakkaryKerala:

Age: 51

Education: Pre Degree

Size of land holding (in acre): 1.6

### 1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area-Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Bittergourd	0.75	20 Q	40000	25000
Hort. Crops	Snakegourd	0.6	60 Q	60000	45000
Livestock	Cow	2	7000 ltr	200000	120000
<b>Total</b>				<b>300000</b>	<b>190000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Bittergourd	0.75	30 Q	62000	55000	50	120
Hort. Crops	Snakegourd	0.6	75 Q	75000	60000	25	33.33
Livestock	Cow	4	11000 ltr	350000	270000	57.14	125
Hort crops	Chilli	0.2	0.9 Q	25000	16000	>100	>100
<b>Total</b>				<b>512000</b>	<b>401000</b>		<b>111.05</b>

**Brief:** The farmer used to get annual income of Rs. 190000/- from Rubber, Coconut etc. He faced problems like pest attack, rubber price fall, lack of experienced labour etc. With DFI interventions like support for fish pond, coconut post harvest techniques, he is getting annual income of Rs 401000/- .





## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Thomas Paul Address: Kunnathettu, Kuravalingadu

Kerala:

Age:

Education:

Size of land holding (in acre): 6

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area -Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)
Hort. Crops	Snakegourd	0.66	35 Q	35000	25000
Hort. Crops	Bittergourd	0.5	20 Q	40000	32000
Livestock	Goat	8	4 Q Meat	200000	140000
<b>Total</b>				<b>275000</b>	<b>197000</b>

### 2) Status in 2020

Component Description		Benchmark (Baseline period 2016-17)				% increase over base year	
Components	Names	Area - Acre/No.	Production(Q/Ltr/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crops	Snakegourd	0.70	50 Q	50000	40000	42.8	60
Hort. Crops	Bittergourd	0.5	25 Q	55000	42000	25	31
Hort. Crops	Tapioca	0.65	70 Q	70000	50000	>100	>100
Hort. Crops	Ivy gourd	0.4	3 Q	43000	35000	>100	>100
Livestock	Goat	20	10 Q Meat	400000	300000	150	114.16
<b>Total</b>				<b>618000</b>	<b>467000</b>		<b>137.06</b>

**Brief:** The farmer used to get annual income of Rs. 197000/- from snakegourd, bittergourd, goat. He faced problems like price fall, water shortage,. With DFI interventions like drip irrigation, use of small machineries he is getting annual income of Rs 467000/-. New varieties of vegetables were raised as part of KVK interventions



(Before DFI crops/system)



(After DFI crops/system)



## Effect of DFI intervention

Name of KVK: Kottayam

Name of farmer: Joy Ittoop

Address: Madhirathil house, Kumarakom P.O, Kottayam Kerala:

Age: 76

Education: ITI

Size of land holding (in acre): 21 acre

### 1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	15	225 Q	530000	300000
Hort. Crop 1	Black pepper	6 nos	0.05 Q	2500	2000
Fisheries		0.75	15 Q	150000	85000
<b>Total</b>				<b>682500</b>	<b>387000</b>

### 2) Status in 2020

Component Description		Period 2020-21				% increase over base yea	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Paddy	16	320 Q	900000	650000	42	116.6
Hort. Crop 1	Black pepper	14 nos	0.12 Q	5700	4200	140	110
Hort. Crop 2	Coconut	10 nos	300 nuts	7500	5000	>100	>100
Livestock 1	Cow	2 nos	4000 liters	180000	100000	>100	>100
Fisheries		1 acre	27 Q	325000	200000	80	135
<b>Total</b>				<b>1418200</b>	<b>959200</b>		<b>147.8</b>

**Brief:** The farmer used to get annual income of Rs 387000.- from paddy, fish etc. He faced like price fall in flood, lack of labours, lack of road facility. With DFI interventions like use of bioinputs like pgpr mix in cropping, increasing the livestock production unit, providing fish from fisheries department, providing coconut seedling from krishi bhavan as part of keragramam programme etche is getting annual income of Rs 959200 /-.



(Before DFI crops/system)



(After DFI crops/system)