



Effect of DFI intervention **Name of KVK: Pathanamthitta**
Name of farmer: Prasanth Jagannadhan
Address: Jagan's Food Co.Kaviyoor,Thiruvalla
Age: 42 Years
Education: Masters in Business Administration
Size of land holding (in acre): NA

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)					
Total				0.00	0.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Mechanical dehydration of Garcinia cambogia – “Smoke Free Kudampuli”	N.A	15 Q	825000	525000	>100	>100
Total				825000	5,25,000		>100

Brief:He faced problems like lack of processing technology, availability of quality raw materials and processing facility, With DFI interventions like unique processing technology, linkages with Garcinia farmers, incubation facilities for processing by KVK he is getting annual income of Rs. 8,25,000. In addition, there is cost saving of Rs. 3,00,00 in the production of 1.5 tons of Mechanically dehydrated smoke free kudampuli.



Mechanical dehydration of Garcinia cambogia



Name of farmer:Jothish kumar.D
Address:Paramkam vilayil, Parakkara post,
 Thattayil- Pathanamthitaa
Pandalamthekkekkara panchayathu Mobile
Age: 48
Education: Mechanical engineer
Size of land holding (in acre): 1.3 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Dragon fruits	0.3 acre	1.5 Ton	297100	137600
Total				297100	137600

2) Status in 2020

Component Description		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	Dragon fruit	1.3 acre	3.15	1211950	1083950	110.00	687.75
Total				1211950	1083950		687.75

Brief: The farmer used to get annual income of Rs. 137600 from Dragon fruit cultivation & Sales, Spice powder manufacturing & sales etc. He faced problems like stem roots and flower falling due to over rain . With DFI interventions like proper guild lines and promotions ., he is getting annual income of Rs 1083950. In addition, there is cost saving of Rs. 100000 in the production of Dragon fruit



Dragon fruit harvesting stage



Farmer in the dragon fruit cultivating field

Effect of DFI intervention**Name of KVK: Pathanamthitta****Name of farmer:** Mr. Jacob Mathew**Address:** Cherukattu, Kuriyannoor P. O, Pathanamthitta,
Kerala-689550**Age:** 65 Years**Education:** Diploma in Auto Mobile**Size of land holding (in acre):** 0.8**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Apiculture	Indian Honey bee-75 Dammar bee-10	525 kg 1.5kg	159000	64000
Total				159000	64000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Apiculture	Indian Honey bee-152 nos. Dammar bee- 64nos. Colony selling Bee box manufacturing unit -1	1064kg 9.6kg 40nos. 300boxes/yr.	611920	245000	102.67	282.81
Total				611920	245000		282.81

Brief: The farmer used to get annual income of Rs. 64000 from Indian bee, Dammar bee colony etc. He faced problems like Marketing , pest and disease, Climate change etc. With DFI interventions like training, FAS, marketing linkages etc., he is getting annual income of Rs 245000.



Apiculture Unit



Bee Box Construction



Name of farmer: Mr Somarajan
Address: Elavugal House
Kolathoor PO
Vaipur Via
Mallapally
Age: 55
Education: 10th
Size of land holding (in acre): 0.33

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	6nos	110nos	2200	1800
Hort. Crop 2	Banana	0.1	0.6Q	2400	1200
Livestock 1	Tuber Crops	0.1	0.8Q	2100	1300
Other enterprise (Specify)	Rubber Tapping	NA	NA	120000	118000
Total				126700	122300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	6nos	180nos	4600	3200	63.6	77.78
Hort. Crop 2	Banana	0.1	0.8Q	2400	1200	33.33	0
Hort. Crop 3	Tuber Crops	0.1	0.6Q	3000	1900	-25.00	46.15
Other enterprise (Specify)	Coconut Climbing(FoC)	NA	NA	2,40,000	2,40,000	>100	>100
Total				2,50,00	2,46,300		101

Brief: The farmer used to get annual income of Rs1,22,300 from Rubber tapping ,coconut farming, banana and tuber crops etc. He faced problems like less tapping days,low income from coconut_ etc. With DFI interventions like Coconut climbing training (FoC),etc., he is getting annual income of Rs_2,46,300. In addition, there is cost saving of Rs.8500in the production/ enterprise of Coconut



With coconut climbing machine



Farmers banana field



Name of farmer: Mr Pradeep T C
Address: Pekaavugal House
Kuravankuzhy PO
Pullad
Age: 50
Education: 10th
Size of land holding (in acre): 0.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2nos	52nos	1040	850
Hort. Crop 2	Banana(Lease)	0.25	17.5Q	61,250	23,750
Other enterprise (Specify)	Farm labourer	NA	NA	1,08,0000	1,08,000
Total				1142290	1,32,600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	2nos	760nos	1716	1550	1361.54	82.35
Hort. Crop 2	Banana (Lease)	0.5	0.8Q	1,15,200	85,750	-95.43	261
Hort. Crop 3	Tuber Crops (Lease)	0.25	1.1Q	3000	1900	>100	>100
Other enterprise (Specify)	Coconut Climbing (FoC)	NA	NA	3,00,000	3,00,000	>100	>100
Total				4,19,916	3,89,200		142.58

Brief: The farmer used to get annual income of Rs1,32,600. from Farm labour, coconut farming, banana and tuber crops etc. He faced problems like shortage of labour days, low income from coconut etc. With DFI interventions like Coconut climbing training (FoC),etc., he is getting annual income of Rs3,89,200. In addition, there is cost saving of Rs.12,300 in the production/ enterprise _.



Engaged in coconut climbing



Tuber crop field



Name of farmer: Shoba Ravindran
Address: Thonnampoykayil
House, Kuravankuzhy, Pullad
Age: 50
Education: Hindi Vidvan
Size of land holding (in acre): 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Banana	0.25	4 Q	18000	17000
Field Crop 2	Tubercrops	0.25	37Q	42000	35000
Livestock 1	Poultry layers	50	9000nos	57000	51000
Total				117000	103000

2) Status in 2020

Component Description		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	Banana	0.5	27	81000	71000	8.11	11.43
Field Crop 2	Tuber crops	1	40 Q	52000	39000	575.00	317.65
Livestock 1	Dairy	1	4015 L	254650	193150	>100	>100
Livestock 2	Poultry	1300	1300 nos	129000	79000	-85.56	54.90
Total				516650	382150		271.02

Brief: The farmer used to get annual income of Rs.103000/- from _Banana ,Tuber crops, Poultry Eggers etc. He faced problems like less Production , Diseases , Market price fluctuation etc. With DFI interventions like Trainings ,On Farm Trials,demonstrations etc., he is getting annual income of Rs. 382150.



Shobha Ravindran with poultry chicks



Shoba Ravindran with grama sree chicks

Effect of DFI intervention**Name of KVK: Pathanamthita****Name of farmer: K.Prakash****Address: Komalathu House, Kulanada P.O****Age: 1.6.1954****Education: Pre-degree (+2)****Size of land holding (in acre): 0. 85****1) 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	Tuber crops	0.31	233.4	47089	21843
Hort. Crop 2	Vegetables	0.50	511.9	167846	114246
Total				214935	136089

2) Status in 2020

Component Description		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	Tuber crops	0.35	284.7	71781	41861	8.04	91.64
Hort. Crop 2	Vegetables	0.50	683.8	352952	293392	33.57	156.8
Total				424733	335253		146.35

Brief: The farmer used to get annual income of Rs. 136089_ from vegetable crops (Okra, Cabbage, Yard Long bean , Bittter gourd and tuber crops (Amorphophallus and colocasia), etc. He faced problems like low productivity etc. With DFI interventions like drip fertigation, introduction of tomato and chilli crops and use of hybrid seeds and marketing through whatsapp group (Pathanamthitta karshika vipani) etc., he is getting annual income of Rs335253. In addition, there is cost saving of Rs. 11250 in the production of vegetables .



Vegetable cultivation



Technologies adopted in vegetable cultivation



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer: Pradeep Jacob Alexander

Address: Vazhappallil House, Valanjavattom,
Thiruvalla

Age: 55

Education: Pre degree

Size of land holding (in acre): 2.5 acre

3) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Fisheries	1.5 acre	15 Q	225000	150000
Total				225000	150000

4) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	0.25 acre	16.25 Q	70000	25000	>100	>100
Hort. Crop 2	Vegetables	0.25 acre	14.17 Q	57000	39000	>100	>100
Other enterprise (Specify)	Fisheries	1.5 acre	20 Q	500000	350000	33.33	133.33
Total				627000	414000		176.00

Brief: The farmer used to get annual income of Rs. 1,50,000/- from Fish, vegetables , banana etc. He faced problem in marketing of agricultural produces .With DFI interventions like Integrated farming system approach he is getting annual income of Rs.4,14,000.



Farmer with vegetable cultivation



Farmer engaged in fish farming



Name of farmer : Ajay Mohan

Address : Nandanam,Keerukuzhi P.O.,689502.Adoor

Age : 34 years

Education : Civil Engineering Diploma

Size of land holding (in acre): 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tuber crops	1 acre	1.600 Q	48000	37700
Livestock 1	Dairy	5 nos.	9000 liter	374000	62000
Livestock 2	Goat	5 nos.	10 nos.	44000	
Livestock 3	Poultry layers	25 nos.	3900 nos.	29150	-8250
Total				495150	91450

2) Status in 2020

Component Description		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	Banana and Tuber crops -intercropped	2 acre	2.53 Q	103085	50335	58.13	33.51
Livestock 1	Poultry	156 nos.	30600	278000	150625	684	>100
Other enterprise (Specify)	Eco shop	500 sq. ft		30000	20000	>100	>100
Total				411085	220960		104.69

Brief: The farmer used to get annual income of Rs.91450/- from Tuber crops, Dairy, Goatry ,Poultry Eggers etc. He faced problems like less Production , Diseases etc. With DFI interventions like Trainings advisories ,demonstrations etc., he is getting annual income of Rs. 220960/-.



Ajay Mohan at his poultry farm



Ajay Mohan with his cages

Effect of DFI intervention**Name of KVK: Pathanamthitta**

Name of farmer : Ajay Simon

Address : Ettikuttathil(H),Pullupuram P.O,Ranny

Age : 41 yrs

Education : Plus Two

Size of land holding (in acre): 2 acre

**1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Cage making enterprise	Hi-tech cages	200 Sq . ft	200 nos.	1400000	300000
Livestock 1	Poultry layers (eggs)	30 nos.	3000 nos.	15750	8750
Total				1415750	308750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Cage making enterprise	Hi-tech cages	1000 sq .ft	500 nos.	4000000	750000	150	150
Livestock 1	Egger nursery	500 sq .ft	2950 nos.	590000	342000	>100	>100
Livestock 2	Poultry layers	20 nos.	3000 nos.	24000	14000	0.00	60
Total				4614000	1106000		258

Brief: The farmer used to get annual income of Rs. 308750 /- from his cage making unit and Poultry Eggers etc. He faced problems like low demand. With DFI interventions like Trainings ,advisories , Awareness programmes , publicity ,supply of good stock demonstrations etc., he is getting annual income of Rs. 1106000/-.



Ajay Simon at his cage making unit



Ajay Simon fabricating cages at his cage making unit



Name of farmer : Prabha Nair

Address : Anjali Nivas,Pariyaram P.O.Elanthoor , Pathanamthitta

Age : 50 years

Education : Graduation

Size of land holding (in acre) : 3acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy	3 nos.	12000 liters	490000	132300
Total				490000	132300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crops	1 acre	2250kg	52000	39000	>100	>100
Field Crop 2	Banana	1 acre	1950 kg	29250	21250	>100	>100
Field crop	Spices	0.06	54 kg	4240	2240	>100	>100
Field crop 4	Vegetables	0.04	100 kg	5000	4050	>100	>100
Livestock 1	Egger nursery	100 nos.	95 nos.	19000	8000	>100	>100
Livestock 2	Poultry Layers	100 nos.	21900 nos.+150 kg	190200	77560	>100	>100
Live stock 3	Dairy	1 no.	3600 liters	216000	133000	-70.00	0.53
Fisheries	Fish	1000 nos.	350 kg	70000	44000	>100	>100
Total				585690	329100		143.23

Brief: The farmer used to get annual income of Rs.132300/- from Dairy .She faced problems of high labour cost .With DFI interventions like Trainings ,advisory services ,Supply of good stock , etc., she is getting annual income of Rs. 329100/-



Prabha Nair in her mini egger nursery unit



Prabha Nair with her hi-tech layer cages



Name of farmer : Arun Sadanandhan

Address : Vellaparambil, Kurampala (S) P.O., Pandalam

Age : 31 years

Education : Electrical and electronic engineering graduate

Size of land holding (in acre): NA

1) 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					No income

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Enterprise	Hi-tech Cage making unit- 500 sq . ft	1 nos.	40 nos.	340000	140000	>100	>100

Brief: The farmer used to get annual income of Rs. 0. With DFI interventions like Trainings, demonstrations etc., he is getting annual income of Rs. 140000.00



Arun Sadanandhan at his cage making unit



Arun Sadanandhan fixing roof top cages



Name of farmer : Mr. Soman Nair K.N
Address :Kottarathil (H), Perumbetty P.O
Age : 64
Education : SSLC
Size of land holding (in acre): 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Banana	20 cent	18 Q	63000	30100
Field Crop 2	Tapioca	40 cent	72 Q	72000	52650
Hort. Crop 1	Cowpea	20 cent	7 Q	28000	20850
Livestock 1	Dairy	1 no.	1440 Liter	57600	21700
Total				220600	125300

2) Status in 2020

Component Description		Period 2020-21			% increase over base year		
Components	Names	Area	Production	Gross	Net Income	production	income
		(Acre)/No	(Q/Liter/No.)	Income (Rs.)	(Rs.)		
Field Crop 1	Banana	30 cent	32 Q	176000	89000	77.78	-53.49
Field Crop 2	Tapioca	40 cent	75 Q	187500	147000	4.17	179.20
Hort. Crop 1	Ginger	40 cent	3 Q	18000	10540	>100	>100
Livestock 1	Dairy	1 no.	2000	120000	55250	38.89	154.61
Total				501500	301790		140.85

Brief: The farmer used to get annual income of Rs. 1,25,300 from cultivation of banana, tapioca, cowpea and dairy farming. He faced problems low productivity in case of Banana and low milk yield in Dairy. With DFI interventions like High Density planting in Banana, Scientific ginger cultivation practices and Good Feed and Management practices (GOFAMS) in dairy .He is getting annual income of 3,01790



Mr. Soman with his Cow



Integrated Farm of Mr. Soman



Name of farmer :Ms. Lalitha Jacob
Address :Kizhakke Mayalil
Age : 54
Education : Pre degree
Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.) Net	Income (Rs.)
Hort Crop 1	Nutmeg	10 cent	0.5	15000	8000
Hort Crop 2	Banana	10 cent	6	21000	15600
Hort. Crop 3	Bush pepper	3 nos.	0.02	800	550
Poultry 1	Poultry	50 nos.	7200 eggs	44500	29500
Poultry 2	Duck	30 nos.	4500 eggs	42000	28200
Total				123300	81850

2) Status in 2020

Component Description		Period 2020-21				%increase over base year	
Components	Names	Area	Production	Gross	Net Income	production	income
		(Acre)/No	(Q/Liter/No.)	Income (Rs.)	(Rs.)		
Hort Crop 1	Nutmeg	20 cent	1 Q	30000	15100	100.00	88.75
Hort Crop 2	Banana	30 cent	24 Q	132000	118400	300.	658.97
Hort. Crop 3	Bush pepper	30 nos.	0.25 Q	17500	12500	1150	2172.73
Poultry 1	Poultry	100	14400 eggs,	120800	83300	100.00	182.37
Poultry 2	Duck	60 nos.	7200 eggs,	87000	51000	60.0	80.85
Total				387300	280300	0	242.45

Brief: The farmer used to get annual income of Rs. 81850 from her homestead based cultivation of Banana, Nutmeg, Bush pepper, and poultry She faced problems low productivity in case of Banana and High feed cost in poultry . With DFI interventions like High Density planting in Banana and Good Feed and Management practices (GOFAMS) in Poultry she is getting annual income of 2,80,300



Ms. Lalitha in her poultry farm



Integrated Farm of Ms.Lalitha Jacob



Name of farmer : Mr. Salim C.H
Address : Vrindhavanam, Paerumbetty, Ayroor
Age : 54
Education : Pre degree
Size of land holding (in acre): 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.) Net	Income (Rs.)
Hort Crop 1	Banana	o.5 acre	34 Q	119000	60500
Hort. Crop 2	Tapioca	0.5 acre	30 Q	45000	26000
Hort. Crop 3	Ginger	.05 acre	0.7 Q	4900	3600
Hort. Crop 4	Vegetables	0.50 acre	7 Q	28000	22400
Livestock 1	Dairy	3 nos.	9000 litres	292000	148600
Total				488900	261100

2) Status in 2020

Component Description		Period 2020-21			% increase over base year		
Components	Names	Area (Acre)/	Productio n	Gross Income	Net Income	producti on	income
Hort Crop 1	Banana	Banana	11.5 Q	63250	41050	-66.18	-32.15
Hort. Crop 2	Tapioca	Tapioca	50 Q	100000	51000	66.67	96.15
Hort. Crop 3	Ginger	Ginger	0.8 Q	10000	7400	14.29	105.56
Hort. Crop 4	Vegetable	Vegetable	8 Q	35000	30200	14.29	34.82
Livestock 1	Dairy	Dairy	18000 ltrs	995000	709250	100.0	377.28
Poultry 1	Duckery	Duck	5400 eggs & 60	66000	22200	>100.	>100
Total				1269250	861100		229.70

Brief: The farmer used to get annual income of Rs. 261100 from cultivation banana, vegetables, ginger , tapioca and dairy. He faced problems low productivity in case of Banana and High feed cost in dairy. With DFI interventions like Scientific ginger and vegetable , Good Feed and Management practices (GOFAMS) in Dairy and poultry she is getting annual income of 861100.



Mr. Salim with his cows



Banana farm of Mr. Salim



Name of farmer : Pradeep Kumar(Master Trainer)

Address : Kothattu Veedu , Kripa Mushroom, Kulakkada East P O

Age 46

Education : Pree Degree

Size of land holding (in acre): 0.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Oyster Mushroom	2000 beds	10.8 Q	324000	34182
	Milky mushroom	400 beds	1.7 Q	51000	20502
Total				375000	54684

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Oyster Mushroom	3000 beds	16.5 Q	577500	239085	52.78	599.45
	Milky mushroom	700 beds	3.5 Q	122500	49245	105.88	140.20
	Mushroom spawn	5100nos.	15.3 Q	229500	92100	>100	>100
Total				929500	380430		595.69

Brief: The farmer used to get annual income of Rs. 54684 from Oyster and Milky mushroom. He faced problems like marketing, pests & diseases etc. With DFI interventions like Vocational training, FAS & innovative marketing approaches etc., he is getting annual income of Rs. 380430.



Oyster Mushroom Cultivation



Milky Mushroom Cultivation



Name of farmer : Philips P Abraham
Address : Valiyavila Puthenveedu, Melukara, Kozhencherry P O
Age : 38
Education : SSLC
Size of land holding (in acre): 5.75

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1 acre	42 Q	126000	40824
Hort. Crop 2	Cowpea	0.25 acre	12.2 Q	48800	17300
Total				174800	58124

2) Status in 2020

Component Description		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	1 acre	72Q	108000	41250	>100	>100
Field Crop 2	Paddy	2.5 acre	57 Q	159600	48100	>100	>100
Hort. Crop 1	Cowpea	0.25 acre	16.5Q	66000	27900	35	61
Hort. Crop 2	Banana	2 acre	124 Q	372000	145900	47.6	257
Hort Crop 3	Bitter gourd	0.1	6.5Q	24000	10000	>100	>100
Total				729600	273150		369.94

Brief: The farmer used to get annual income of Rs. 58124 from cowpea & banana. He faced problems like pest & diseases, micro nutrient deficiencies, etc. With DFI interventions like FLD, FAS, Diagnostic visits, etc., he is getting annual income of Rs 273150. In addition, there is cost saving of Rs. 40000 in the production of leafy vegetables and solanaceous crops.



Paddy Field



Banana Field



Vegetable Field



Name of farmer : Nandakumar E R
 Address: Ettikkal, Chalapally P O
 Age 65
 Education : SSLC
 Size of land holding (in acre): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tapioca	1 acre	60 Q	90000	33100
Hort. Crop 1	Banana	1 acre	42 Q	126000	41000
Total				216000	74100

2) Status in 2020

Component Description		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	1 acre	74 Q	111000	42300	23.33	27.79
Horti crop 1	Cowpea(2times)	0.25	33.5 Q	134000	56600	>100	>100
Hort. Crop 2	Banana	1.5	96 Q	288000	113500	52.38	176.83
Hort. Crop 2	Bitter gourd	0.25	16 Q	59200	25000	>100	>100
Total				592200	237400		220.38

Brief: The farmer used to get annual income of Rs. 74100 from Tapioca, Banana. He faced problems like crop loss due to pest and disease infestation, yield reduction due to secondary and micro nutrient deficiency, etc. With DFI interventions like _FAS, supply of bio inputs, introduction of high yielding improved varieties etc., he is getting annual income of Rs.237400 In addition, there is cost saving of Rs. 35000 in the production of leafy vegetables and tuber crops.



Vegetable Field



Banana Field



Name of farmer : Abraham Mathews
 Address : Ariyapidarath, Kadapra, Niranam P O
 Age : 62
 Education : SSLC
 Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tapioca	0.5	30 Q	45750	16900
Field Crop 2	Coconut	40 palms	920 nuts	23000	8900
Hort. Crop 1	Banana	1 acre	44 Q	132000	43700
Total				200750	69500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tapioca	0.5	36.5Q	54800	20900	21.67	23.67
Field Crop 1	Coconut	90 palms	2610 nuts	65250	27100	183.70	204.49
Hort. Crop 1	Banana	2.5	161Q	483000	189400	265.91	333.41
Hort. Crop 2	Cowpea	0.1	6.6Q	26400	11100	>100	>100
Other enterprise (Specify)	Vermicompost (Subsidy)	2nos.	10Q	20000	11800	>100	>100
Other enterprise (Specify)	Fish (Subsidy)	0.3	3Q	105000	49400	>100	>100
Total				754450	309700		345.61

Brief: The farmer used to get annual income of Rs. 69500 from Tapioca, Coconut, Banana, etc. He faced problems like crop loss due to pest and disease infestation, yield reduction due to secondary and micro nutrient deficiency, climate change etc. With DFI interventions like _FAS, supply of bio inputs, field visit etc., he is getting annual income of Rs.309700. In addition, there is cost saving of Rs. nil.



Vermi CompostUnit



Fish Pond



Banana Field



Name of farmer : Mr Varghese John
Address : Poothopil House,Kodumon PO, Pathanamthitta
Age : 49
Education : 10th
Size of land holding (in acre): 0.05

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Ginger (lease land)	0.3	9 Q	67,500	42,800
Other enterprise (Specify)	Rubber Tapping/Farm laborer	NA	NA	1,48,000	1,48,000
Total				215500	1,90,800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Tractor, Combined Harvester driver	NA	NA	4,32,000	4,32,000	>100	>100
Total				4,32,000	4,32,000		126.40

Brief: The farmer used to get annual income of Rs. 1,90,800 from rubber tapping, farm laborer, lease land farming etc. He faced problems like less tapping days, off season for farm labour etc. With DFI interventions like tractor and combined harvester training he is getting annual income of Rs.4,32,000.



Mr.Varghese John using tractor in the field



Mr.Varghese John with the tractor



Name of farmer : Mr PV Varghese
Address : Pazhoor House Thekkemala P.O., Kozhenchery
Age : 79
Education : Dip: MLT
Size of land holding (in acre): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut +(inter crop)	3.4 Acre	8,435No	2,13,400	1,72,250
Hort. Crop 2	Banana	1.3	32Q	96,000	42,300
Hort. Crop 3	Exotic fruits	1.3	7.1Q	56,000	39,800
Hort. Crop 4	Nutmeg	1	Seed 2.22Q	1,45,840	83,200
Total		7		5,11,240	3,37,550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut(inter crop)	3.6	12,575 No	4,28,075	3,84,350	49.08	123.13
Hort. Crop 2	Banana	0.8	29 Q	88,500	39,100	-9.38	-7.57
Hort. Crop 3	Exotic fruits	1.5	8.8 Q	94,700	85,600	23.94	115.08
Hort. Crop 4	Nutmeg	1.2	3.72 Q	2,29,320	1,78,500	67.57	114.54
Total		7		8,40,595	6,87,550		103.69

Brief: The farmer used to get annual income of Rs.3,37,550. from coconut farming, exotic fruits, banana and nutmeg crops etc. He faced problems like shortage of labour ,pest and disease in coconut etc. With DFI interventions like training in Coconut Banana, supply of planting materials etc., he is getting annual income of Rs.6,87,550. In addition, there is cost saving of Rs.1,24,500 in the production/ enterprise of Coconut, nutmeg, exotic fruits cultivation .



Farmer in his field



Farmer in his banana field



Name of farmer : Mr Raja Raja Verma

Address : Aiswarya,Veliyathumuri,Koikal,Majinikara,Omaller PO

Age : 70

Education : M.Tech

Size of land holding (in acre): 4Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Nutmeg	2.5	Seed 5.8Q Mace 0.6Q	2,17,800	1,64,600
Hort. Crop 2	Coconut	1	1350No	29,500	18,780
Hort. Crop 3	Pepper	0.5	3.60 Q	1,15,200	61,000
Total		4		3,64,500	2,44,380

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Nutmeg	2.5 acre	Seed 10.31Q Mace 1.1	4,41,200	3,56,500	Seed 77.7 Mace 83.3	116.58
Hort. Crop 2	Coconut	1 acre	2930 nos.	64,460	43,200	117.03	130.03
Hort. Crop 3	Pepper	0.5 acre	6.65 Q	2,12,800	1,21,850	84.72	99.75
Total				7,18,460	5,21,550		113.41

Brief: The farmer used to get annual income of Rs2,44,380. from Nutmeg, coconut and pepper farming. He faced problems like shortage of labour ,low productivity from nutmeg coconut etc. With DFI interventions like field visit adopting INM practice ,shade regulation, value addition in nutmeg, marketing techniques , he is getting annual income of Rs.5,21,550. In addition, there is cost saving of Rs.1,60,000 in the production of nutmeg farming.



Mr. Raja Raja Verma with his Nutmeg Decorticator



Mr. Raja Raja Verma in his nutmeg field



Name of farmer : Mr. M.G Chacko
Address : Naranamoozhy, Ranni
Age : 70
Education : 8th class
Size of land holding (in acre): own :60 cent and lease : 3 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1 acre	37.5 Q	150000	112000
Hort. Crop 2	Pepper	10 cent	0.3	4500	4100
Hort. Crop 3	Tubers	20 cent	2.5 Q	7500	6590
Hort. Crop 4	Ginger	50 cent	10 Q	40000	28500
Enterprise 1	Apiculture	36 boxes	360 Kg. honey 100 colony and 3 Kg. wax	122900	55600
Total				324900	206790

2) Status in 2020

Component Description		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	Pepper	10 cent	0.5	10000	9300	66.67	126.83
Enterprise 1	Apiculture	500 boxes	500 Kg honey,	2393000	1719300	900	2992.27
Total				2403000	1728600		735.92

Brief: The farmer used to get annual income of Rs. 2,06,790 from cultivation of Banana, tubers, ginger, pepper and apiculture. During the flood on 2018-19, he lost complete crops as well as bee boxes. Later he completely concentrated on apiculture and increased the number of boxes from 36 to 500 .With DFI interventions like scientific apiculture practices, he is now getting annual income of Rs.17,28,600 mainly from apiculture.



Farmer with honey box

Farmer in the pepper field





Name of farmer : Mr. Subin Mathew
Address : Niranam Panchayat, Pulikkezhu block
Age : 45
Education : SSLC
Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries 1	Tilapia	40 cent	3.15 Q	47250	19250
Poultry 1	Ornamenta 	200 nos.	200 nos.	5000	3000
Total				52250	22250

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries 1	Tilapia	10 cages	9 Q	180000	124000	185.71	544.16
Fisheries 2	Orname	75 pairs	60 pairs	12000	7000	>100.00	>100
Enterprise 1	Fish cage constructi		25 nos.	375000	200000	>100.00	>100
Total				567000	331000		1387.64

Brief: The farmer used to get annual income of Rs. 22250 mainly from fish farming. He faced problems like loss of fishes due to flood and low productivity. With DFI interventions like Scientific fish farming, FLD & FFS on cage fish farming, he is getting annual income of Rs.331000.



Cage Fish farming



Mr. Subin's fish farm



Name of farmer : Mr. Sunil Kumar P.K
Address : Placheril Puthen veedu , Mallapally block
Age : 50
Education : Pre Degree
Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Hort crop 1	Coconut	0.80 acre	2400 nos.	38400	23400
Hort crop 2	Pepper	0.40 acre	150 Q	59250	47750
Hort crop 3	Tapioca	0.30 acre	1500 Q	30000	18500
Livestock 1	Dairy	3 nos.	3600 litre	90000	25000
Total				217650	114650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Productio n (Q/Liter/N	Gross Income (Rs.)	Net Income (Rs.)	producti on	income
Hort crop 1	Coconut	1 acre	4800 nos.	115200	76200	100.00	225.64
Hort crop 2	Pepper	0.50 acre	200 Q	80000	61040	33.33	27.83
Hort crop 3	Tapioca	0.50 acre	1750	35000	18500	16.67	0.00
Livestock 1	Dairy	3 nos.	5040	191520	177520	40.00	610.08
Total				421720	333260		190.68

Brief: The farmer used to get annual income of Rs. 1,14,650 from cultivation of coconut, pepper, Tapioca and dairy farming. He faced problems like low productivity in coconut and pepper and low milk production. With DFI interventions like Scientific coconut and pepper farming and Good Feed and Management practices (GOFAMS) in dairy, he is now getting an annual income of Rs. 333260, an about 191 % increase in income level



Mr. Sunil in his dairy shed



Integrated Farm



Name of farmer : Mr. Gopinathan Nair
Address : Perumbetty village, Mallapally block
Age : 76
Education : SSLC
Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Hort crop 1	Coconut	1 acre	1200 Nos.	19200	10300
Hort crop 2	Pepper	0.50 acre	2 Q	79000	58250
Livestock 1	Dairy	2 Nos.	3840 litres	153600	67600
Total				251800	136150

2) Status in 2020

Component Description		Period 2020-21			% increase over base year		
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Incom (Rs.)	Net Income (Rs.)	producti on	income
Hort crop 1	Coconut	1 acre	3600 Nos.	86400	66800	200.00	548.54
Hort crop 2	Pepper	0.50 acre	3.5 Q	14000	84600	75.00	45.24
Livestock 1	Dairy	3 nos.	5760 litres	34560	236600	50.00	250.00
Total				57200 0	388000		184.98

Brief: The farmer used to get annual income of Rs. 1,36,150 from cultivation of coconut, pepper and dairy farming. He faced problems like low productivity in coconut and pepper and low milk production. With DFI interventions like Scientific coconut and pepper farming and Good Feed and Management practices (GOFAMS) in dairy, he is now getting an annual income of Rs. 388000.



Coconut plantation of Mr. Gopinathan



Mr. Gopinathan with his cow



Name of farmer : Mr. Sabin Kumar N.T
Address : Devinilayam, Vallamkulam West ,Thiruvalla
Age : 51
Education : Graduate
Size of land holding (in acre): 0.40 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No	Gross Income (Rs.) Net	Income (Rs.)
Hort crop 1	Banana	0.5 acre	2.5 Q	8750	7600
Hort crop 2	Orchid	0.5 acre	3000 Nos.	75000	74600
Total				83750	82200

2) Status in 2020

Component Description		Period 2020-21			% increase over base year		
Components	Names	Area (Acre)/	Productio n	Gross Income	Net Income	productio n	income
Hort crop 1	Orchid	50 cent	4000 nos.	160000	159300	33.33	113.54
Enterprise 1	Vermicompos	1 unit	200 kg	4000	3700	>10000	>100
Hort crop 2	Ginger	3 cent	125 Kg	7500	6050	>10000	>100
Hort crop 3	Turmeric	2 cent	5 kg	2000	1350	>100	>100
Poultry 1	Poultry	20	4500	33500	25400	>100	>100
Total				207000	195800		138.20

Brief: The farmer used to get annual income of Rs. 82,200 from cultivation banana and orchid. He faced problems loss of crop due to frequent flood in case of Banana and hence opted crop diversification. DFI interventions like Scientific ginger and turmeric cultivation and Good Feed and Management practices (GOFAMS) in poultry resulted an annual income of RRs. 1,95800



Mr. Sabin with his poultry birds



Vermicompost Unit



Name of farmer : Ms. Shanthy Philip
Address : Melekutte(H), Ayroor (N)
Age : 41
Education : SSLC
Size of land holding (in acre): 0.50 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.)
Livestock 1	Dairy	2 nos.	2160 litre	86400	26400
Livestock 2	Goat	2 nos.	300 litre milk	30000	18686
Poultry 1	Poultry	12 nos.	2000 eggs	13000	76
Total				129400	45162

2) Status in 2020

Component Description		Period 2020-21			% increase over base year		
Components	Names	Area (Acre)/	Production	Gross Income	Net Inco	production	income
Livestock 1	Dairy	7	5760 litre	356600	210600	166.67	697.73
Livestock 2	Goat	6	360 ltr milk	56000	41620	20.00	122.73
Poultry 1	Poultry	23	5000 eggs	37160	5846	150.00	7592.11
Total				449760	258066		471.42

Brief: The farmer used to get annual income of Rs 45,162 from Dairy, goat and poultry farming. She faced problems low milk production and low egg production due to pecking .DFI interventions like Scientific Good Feed and Management practices (GOFAMS) in poultry and dairy resulted an enhanced income of Rs. 2,58,066/-



Goat farm of Ms. Shanthy Philip



Dairy farming



Name of farmer : Ms. Veena Rajan

Address : Malakodimaveriyil (H), Thadiyoor PO, Kurushymuttom

Age : 39

Education : Post Graduate

Size of land holding (in acre): 55 cent, Lease : 1 acre

1) Before Intervention

Component Description	Names	Area (Acre)/Number	Benchmark (Baseline period 2016-17)		
			Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy	4 no.	8400	336000	17400
Livestock 2	Goatry	1 no.	34 kg	12000	6000
Poultry 1	Poultry	10 no.	1440 no. eggs & 8 kg meat	8000	4050
Poultry 2	Duck	60 no.	9900 no.	88200	52800
Total				444200	23685

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Dairy	6 no.	9600	528000	218000	14.29	25.29
Livestock 2	Goatry	6 no	3 kids and 100 litre milk	25000	9000	194.12	593.67
Livestock 3	Piggery	5 no.	1500 kg	345000	129000	>100	>100
Poultry 1	Poultry	20 no	4500 eggs & 20 kg meat	33500	25400	212.50	527.16
Poultry 2	Duck	80 no.	12000 no.	148000	109100	21.21	106.63
Total				1079500	490500		107.09

Brief: The farmer used to get annual income of Rs2,36,850 from Dairy, goat and poultry farming. She faced problems low milk production and low egg production. DFI interventions like Scientific Good Feed and Management practices (GOFAMS) in poultry and dairy resulted in 107 % enhanced income level.



Goat farm of Ms. Veena Rajan



Name of farmer : Ms. Mariamma Philip
Address : Melekutte(H), Ayroor (N)
Age : 39
Education : Post Graduate
Size of land holding (in acre): 0.50 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort 1	Banana	35 nos.	1.75	7000	3825
Hort 1	Tapioca	40 nos.	2.4 q	4800	3200
Poultry 2	Poultry	720 eggs and 5 kg meat	720	4820	2720
Total				16620	9745

2) Status in 2020

Component Description		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 1	Banana	35 no.	2 Q	1000	5000	14.29	30.72
Poultry 1	Poultry	15	3900 eggs and 15 kg meat	27300	17900	441.67	558.09
Poultry 2	Duck	25	3600 eggs & 25 kg meat	39600	25600	>100	>100
Enterprise 1	Vermicompost	1 no.	280 kg	11200	3700	>100	>100
Fisheries 1	Fishery	7.5 cents	225 kg	50000	23500	>100	>100
Total				129100	75700		676.81

Brief: The farmer used to get annual income of Rs. 9745 from Agriculture and poultry. The main problem of Wild boar menace made her to shift from agriculture to dairy, poultry and fisheries. DFI interventions like Scientific fish farming and poultry farming resulted in Rs. 7,5700 annual income (676.8 %.)



Duck farm of Ms. Mariamma



Vermicompost Unit



Name of farmer : Mr. Ditto M Tom

Address : Mulamootil (H), Kaungaprayil PO, Puramattom

Age : 34

Education : ITI

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy	2 nos.	3780 litre	151200	86200
Livestock 2	Goatry	32 nos.	750 liter milk & 50 kg live weight	87500	9940
Poultry 1	Poultry	60 nos.	9000 eggs and 45 kg meat	45900	-16120
Total				284600	80020

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Dairy	5 nos	10000 litre	550000	425000	164.55	393.04
Livestock 2	Goatry	10 nos.	500 litre milk & 780 kg live weight	342500	299030	1460	2908.35
Poultry 1	Poultry	120 nos.	22000 eggs and 110 kg meat	167200	34400	144.44	-313.4
Poultry 2	Duck	140 nos.	21600 eggs and 140 kg meat	244000	177300	>100	>100
Fisheries 1	Fishery	100 nos.	30 kg	7500	5500	>100	>100
Total				1311200	941230		1076.24

Brief: Mr. Ditto used to get annual income of Rs. 80020 from Agriculture and allied enterprises. The main problem of low egg production and low milk production compelled him to start duck and fish farming for additional income. DFI interventions like Scientific fish farming and poultry farming resulted in Rs. 941230/- annual income solely from poultry and fish farm and in addition to the above during the year 2020-21, an additional of income of Rs. 2.89 lakh was obtained from sale of goats.



Duck farm of Mr.



Dairy unit



Name of farmer : Ancy Saneesh

Address : Menayathil (H), Pullupuram P.O., Pullupuram ,Ranny

Age : 42 years

Education : B com

Size of land holding (in acre): 0. 73 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.)
Livestock 1	Poultry layers	45 nos.	2250 nos.	16950	950
Total				16950	950

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crops	0.02 acre	0.13 Q	6500	4400	>100	>100
Hort Crop 1	Banana	0.05 acre	0.34 Q	6800	5550	>100	>100
Hort crop 2	Vegetables	25 grow bags	.053 Q	2120	120	>100	>100
Livestock 1	Goat	2 nos.	2 kids	22750	30	>100	>100
Livestock 2	Poultry	117 nos.	11250 nos	105500	54800	400	5668.4
Total				143670	64900		6731.58

Brief: The farmer used to get annual income of 950- from Poultry Eggers. She faced problems like less Production , Diseases etc. With DFI interventions like Good feeding and management strategies in Poultry and Trainings,demonstrations etc., She is getting annual income of Rs. 64900/.



Ancy Saneesh with poultry Layers



Ancy Saneesh with her goats



Name of farmer : Thomas C.M

Address : Chakalamalayil(H),Parumala P.O,Thiruvalla , Pathanamthitta

Age : 65 years

Education : SSLC

Size of land holding (in acre): 0.60 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tubers	0.25	4 Q	10000	7000
Field Crop 2	Spices	0.20	0 .60	1650	550
Livestock 1	Goat	15 nos.	12 nos. of kids	33000	3000
Total				44650	10550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	producti on	income
Field Crop 1	Tuber crops and Banana intercrop	0.25acre	0.20 Q Tuber and 0.96 Q Banana	56000	52900	-95	655.71
Field Crop 2	Spices	0.2 acre	0 .20 Q	2400	2150	-66.67	290.9
Livestock 1	Goat	19nos.	15 nos. of kids + 360 liters of milk	121000	114065	25	3702.16
Total				179400	169115		1502.00

Brief: The farmer used to get annual income of Rs.10550/- from Tubers ,spices and goat rearing etc. He faced problems like, Diseases and low production. With DFI interventions like Trainings ,On Farm Trials, demonstrations on Broiler goat rearing technology, he is getting annual income of Rs. 169115.



Thomas C.M with his tubers



Thomas C M with his goats



Name of farmer : Philip Kurien T
Address : Thazhattumalayil(H),Cherayirambu P.O,Maramon,Pathanamthitta
Age : 40 years
Education : Masters in financial management
Size of land holding (in acre): 2.25 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop 1	Exotic fruits (Rambutan)	15 nos. of trees	72 Q	150000	130000
Total				150000	130000

2) Status in 2020

Component Description		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	Exotic fruits (Rambutan, Mangostein, Durian, Phylosan)	195 nos. of trees	15 Q	167000	152000	-79.17	16.92
Livestock 1	Rabbit	120 nos.	1940 nos.	788000	695290	>100	>100
Livestock 2	Poultry	250 nos.	58400 nos.	474660	44785	>100	>100
Other enterprise (Specify)						-79.17	16.92
Total				1429660	892075		586.20

Brief: The farmer used to get annual income of Rs.130000/- from Exotic fruits. He faced problems like Low income. With DFI interventions like Trainings, supply of improved stock of Poultry, Technical guidance on management of poultry and exotic fruit plants, he is getting annual income of Rs. 892075.



Philip Kurien in his poultry farm



Philip Kurien in his rabbit farm



Name of farmer : Milash Kumar B
Address : Pulluvizhapparayil (H), Kanjetukara P.O Ayroor 689611
Age : 32
Education : BA economics
Size of land holding (in acre): 0.10 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.)
Livestock 1	Poultry Broiler birds	2000 nos .	1900 nos.	342000	165200
Total				342000	165200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry layer chicks	320 sq.ft	600	114000	70750	>100	>100
Other enterprise (Specify)	Eco shop	1000 sq.ft	NA	1750000	500000	>100	>100
Total				1864000	570750		245.00

Brief: The farmer used to get annual income of Rs.165200/- from broiler birds .He faced problems like marketing, pollution etc. With DFI interventions on Scientific poultry rearing and sustainable marketing strategies , he is getting annual income of Rs. 570750/-



Milash Kumar at his eco shop



Milash Kumar with his poultry birds



Name of farmer : Oomen Wilson

Address : Poochediyil(H),Pazhavangadi P.O,Ranny.689673

Age : 34 years

Education : IATA diploma

Size of land holding (in acre): 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Banana +Tuber crops +Ginger	0.5 acre	24 Q+ 0.060 Q+ 0.025 Q	51700	44700
Livestock 1	Poultry layers	6 nos.	1500 nos.of eggs &7.5 kg of chicken	8250	1594
Livestock 2	Goat	6 nos.	10 nos.	35000	11860
Total				94950	58154

2) Status in 2020

Component Description		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	Banana & Tuber crops	0.5 acre	0.50 Q+1.5 Q	7250	3750	-91.67	-91.61
Livestock 1	Goat	9 nos.	10 nos. of Kids + 400 L of milk	150000	75015	0	532.7
Livestock 2	Poultry	140 nos.	21000 nos+202.5 kg	172250	89850	1300	5536.76
Total				329500	168615		189.90

Brief: The farmer used to get annual income of Rs.58154/- from Banana ,Tuber crops and ginger intercropping , Poultry Eggers and goat . He faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and Management Strategies in Poultry through Trainings, demonstrations etc., he is getting annual income of Rs. 168615/-



Oomen wilson in his poultry farm



Oomen wilson with his cage reared birds



Name of farmer : Michael Mathew Abraham

Address : Pavuthilathu (H),Paduthodu P.O., Puramattom Pathanamthitta

Age : 33 years

Education : class IV

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tuber crop and Banana intercrop	1 acre	10.4 Q banana & 9.7 Q tubers	41650	31850
Livestock 1	Poultry layers	30 nos.	6000 nos of eggs & 37.5 kg meat	41750	22550
Livestock 2	Goat	8 nos.	5 doe and 3 kids	22000	-13040
Livestock 3	Dairy	5 nos.	10500 Lit of milk	351500	186050
Total				456900	227410

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crop and Banana intercrop	1 acre	1.2 Q banana & 3 Q tubers	20850	12100	-79.10	-62.01
Livestock 1	Poultry layers	50 nos.	16350 nos. of eggs & 150 kg of meat	122406	76632	172.5	239.8
Livestock 2	Goat	7	2 Bucks , 2 kids & 100lit milk	100000	78240	-50	-700
Livestock 3	Dairy	6 nos.	12000 Litres of milk	730000	236000	14.29	26.85
Total				823256	462972		103.58

Brief: The farmer used to get annual income of Rs. 227410/- from Banana ,Tuber crops, Poultry Eggers ,Goat and dairy etc. He faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and management Strategies in Poultry and Dairy c., he is getting annual income of Rs. 462972/-



Michael Mathew Abraham with poultry chicks

Michael Mathew Abraham with his birds





Name of farmer : Libin Abraham
Address : Nellikaparambil (H), Kozhencherry P.O, Pathanamthitta
Age : 33
Education : 4th standard
Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop 1	Vegetables	60 grow bags	4.8 Q	9600	6900
Hort Crop 2	Banana	5 nos .	0.4 Q	1350	500
Livestock 1	Poultry layers	30	2250 nos of eggs + 240 nos. of kadaknath eggs + 60 kg meat	29300	1700
Total				40250	9100

2) Status in 2020

Component Description		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	Vegetables	80 grow bags	6.60 Q	26400	21200	37.5	207.24
Hort Crop 2	Banana	5 nos.	0.45 Q	2295	1145	12.5	129
Livestock 1	Poultry	48 nos.	6900 nos. of eggs				
Total				106895	33345		266.42

Brief: The farmer used to get annual income of Rs.9100/- from Banana ,Vegetables, Poultry Eggers etc. He faced problems like less Production , Diseases etc. With DFI interventions like Trainings , demonstrations and advisories on vegetable cultivation in grow bags and Scientific Poultry farming ,he is getting annual income of Rs. 33345.



Libin Abraham with poultry chicks



Libin Abraham in his farm



Name of farmer : Soumya T Nair

Address : Alamkottu House, Kyravankuzhy P.O, Pullad 689548

Age : 35 years

Education : Graduation

Size of land holding (in acre): 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry layers	5 nos.	800 nos of eggs +10 Kg meat	6600	600
Total				6600	600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry layers	120 nos.	24000 nos. of eggs & 180 kg meat	196000	58000	2900 & 1700	9566
Total				196000	58000		9566

Brief: The farmer used to get annual income of Rs.600/- from Poultry Eggers . She faced problems like less Production , Diseases etc. With DFI interventions like Trainings ,advisories and demonstrations on Scientific poultry farming, he is getting annual income of Rs. 58000/-



Soumya T Nair in her poultry farm



Soumya T Nair with improved variety of chicks



Effect of DFI intervention

Name of KVK:

Pathanamthitta

Name of farmer : Varughese Thomas
Address : Keezhakekadavil(H),Theodical P.O,Ranny
Age : 57 years
Education : Pre degree
Size of land holding (in acre): 0.75 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tubers	0.02	0.48 Q	960	60
Hort corp 1	Vegetables	0.02	0.7 Q	1500	1000
Total				2460	1060

2) Status in 2020

Component Description		Period 2020-21					% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	product ion	income	
Field crop 1	Fodder	0.20 acre	50 Q	20000	14400	100	100	
Field Crop 2	Tuber crops	1	1.8 Q	4700	2100	275	3400	
Hort corp 1	Vegetables	.02 acre	0.75 Q	2500	1200	7.14	20.00	
Hort Crop 2	Banana	0.5	3.5Q	7750	3750			
Livestock 1	Rabbit	15 nos.	96 kits	67200	28890	>100	>100	
Livestock 2	Poultry-Kadaknath	200	13500 nos of eggs & 400 Kg of meat &70 nos.of chicks	652000	51900	>100	>100	
Livestock 3	Goat	4 nos.	3does and 1 buck ,100 L milk	47500	22460	>100	>100	
Total				801650	124700		11664.15	

Brief: The farmer used to get an annual income of Rs.1060/- from Vegetables and ,Tuber crops, Poultry Eggers etc. He faced problems like less Production , Diseases etc. With DFI interventions like Trainings ,advisories on Scientific poultry rearing etc., he is getting annual income of Rs. 124700/-



Varughese Thomas with Kadaknath poultry



Varughese Thomas at his goat farm



Name of farmer : Sunil Abraham

Address : Kocheril (H), Madathumbhagoam North, Puramattom , Thiruvalla, 689543

Age : 52 years

Education : SSLC

Size of land holding (in acre) : 0.24 acre

slide

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop 1	Banana	0.05	10.4 Q	20800	16050
Hort crop 2	vegetables	0.02	1 Q	1500	1200
Field Crop 1	Tuber crops	0.05	3 Q	6000	3600
Fields crop 2	Spices	0.02	0.05 Q	500	100
Livestock 1	Poultry layers	30 nos.	6000 nos. of eggs, Meat 54 kg	41860	10960
Total				70660	31910

2) Status in 2020

Component Description		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	Vegetables	0.02 acre	1 Q	3000	2450	NA	104.17
Field Crop 1	Tuber crops	0.05 acre	3 Q	15000	10900	NA	202.78
Field crop 2	Spices	0.02 acre	0.10 Q	1000	250	100	150
Livestock 1	Poultry layers	142 nos.	27500 nos. of eggs & 210 kg of meat	218500	81900	358.33 & 288.89	647.26
Total				237500	95500		199.20

Brief: The farmer used to get annual income of Rs.31910/- from Banana ,Tuber crops, Spices ,Poultry Eggers etc. He faced problems like less Production , Diseases etc. With DFI interventions on Good Feeding and management I Strategies ,Trainings , , and Technical advisories he is getting annual income of Rs. 95500/-



Sunil Abraham in his poultry farm



Sunil Abraham with his tubers



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer :Gopalan K. K
Address : Kattakunnil, Chengaroor Po, Mallappally
Age 63
Education : Cetificate on Mechanical engineering
Size of land holding (in acre): 3.05Acre

1) 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	Vegetables	0.3	13.20 Q	31020	15920
Hort. Crop 2	Banana	0.5	26.80 Q	112560	76610
Hort. Crop 3	Tuber crops	0.25	31.86 Q	50976	31126
Livestock 1	Milch cows	2 nos.	6936 L	149656	64656
Total				344212	188312

2) Status in 2020

Component Description		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	Vegetables	0.55	33	165000	118750	150	645.9
Hort. Crop 2	banana	1.5	96	432000	277500	258.2	262.2
Hort. Crop 3	Tuber crops	1	136.55 Q	218480	118830	328.5	281.7
Livestock 1	Poultry	8 nos.	1260 nos.	8820	6598	>100	>100
Total				824300	521678		177.02

Brief: The farmer used to get annual income of Rs. **188312** from vegetables, Banana, Tuber crops and Dairy etc. He faced problems like low production and lesser market price realization etc. With DFI interventions like use of High yielding varieties , shop for direct sales ,etc., he is getting annual income of Rs 521678/-. He was able to extend his cultivation in larger area because of better price realization through his road side shop.



Tuber crop Field



Farmers Direct Sale shop



Name of farmer :T. M Abraham
Address :Thoppil House , Uthimoodu P.O , Ranni
Age 79
Education : Grduation
Size of land holding (in acre): 5

Pathanamthitta

1) 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	Rambutan	1	12.80	172800	125800
Hort. Crop 2	Mangosteen	1	10.80	162000	113000
Total		2	23.60	334800	238800

2) Status in 2020

Component Description		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	Rambutan	2	48.00	528000	310500	275	146.8
Hort. Crop 2	Mangosteen	2	39.20	470400	247150	262.9	118.7
Total		4	87.20	998400	557650		133.52

Brief: The farmer used to get annual income of Rs. 2,38,800 from rambutan , mangosteen etc. He faced problems like poor fruit set, low yield etc. With DFI interventions like training , method demonstrations on high density planting , crop management and advisory on pest and disease control etc., he is getting annual income of Rs5,57,650.



Rambutan High density plantation



Mangosteen plantation



Name of farmer :Sunil Kumar

Address :Vrindavanam House, Malayalapurza Eram P.O, Pathanamthitta

Age 62

Education : Grduation

Size of land holding (in acre): 1.5acre

1) 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	Vegetables	0.2	9.60 Q	11275	11765
Hort. Crop 2	Tuber crops	0.3	16.80 Q	22340	24700
Total			26.40	33615	36465

2) Status in 2020

Component Description		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	Rambutan	1.5	22.80 Q	250800	156150	>100	>100.0
Total			22.80	250800	156150		328.22

Brief: The farmer used to get annual income of Rs. 36465 from vegetables and Banana . He faced problems like crop loss due to attack of wild boar, pest and disease incidence an etc. With DFI interventions like training and method demonstration on crop diversification and fruit garden establishment , he is getting annual income of Rs 156150. In addition, there is cost saving of Rs. 3500 for controlling wild oar attack



Rambutan plantation



Farmer in his plantation



Name of farmer : Babu Varghese

Address : Padinjattedathu House, Edamon P.O, Vechuchira , Ranni

Age : 64

Education : Graduation

Size of land holding (in acre): 0.75 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Nutmeg	0.2	2.40 Q	42000	26275
Hort. Crop 2	Ginger	0.05	3.10 Q	11780	6115
Hort. Crop 3	Banana	0.1	6.00 Q	15000	7100
Total				68780	39490

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Nutmeg	0.2	2.70 Q	76950	53850	12.5	104.95
Hort. Crop 2	Ginger	0.05	2.20 Q	23800	18480	-29.03	202.21
Hort. Crop 3	Rambutan	0.45	4.30 Q	47300	36750	>100	>100
Hort. Crop 4	Papaya (Filler crop)	0.2	42.00 Q	75600	51800	>100	>100
Total				223650	160880		307.30

Brief: The farmer used to get annual income of Rs 39490 from nutmeg, ginger, banana etc. He faced problems like poor price realization , wild boar attack in banana etc. With DFI interventions like training exotic fruit production, regular advisory on crop management and marketing etc., he is getting annual income of Rs. **160880/**.



Nutmeg plantation



Ginger and rambutan plantation



Name of farmer : Thomson V
Address : Anapparackal, Palakkathakidi P.O, Kunnamthanam
Age : 46
Education : Grduation
Size of land holding (in acre) 1.1

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.3	41.60 Q	91520	26195
Hort. Crop 2	Banana	0.3	20.40 Q	77520	45520
Livestock 2	Dairy	1	3336 L	70056	23016
Total				239096	94731

2) Status in 2020

Component Description		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	Vegetables	0.4	81.60 Q	244800	191175	96.15	629.81
Hort. Crop 2	Banana	0.6	45.60 Q	173280	110580	123.52	142.92
Livestock 1	Dairy	2	4448 L	226848	149648	33.3	550.19
Total				644928	451403		376.51

Brief: The farmer used to get annual income of Rs. 94731 from vegetables, banana and dairy etc. He faced problems like labour scarcity , low productivity etc. With DFI interventions like training on Drip fertigation, Plastic Mulching , use of hybrid vegetables like tomato, high density planting in banana etc., he is getting annual income of Rs. **451403**.In addition, there is 50% cost saving in Labour cost in the production of vegetables.



Plastic mulching and drip fertigation



Crop of sword beans under PM and Drip fertigation



Name of farmer : Vijayan Nair
Address : Kochayathil, Kunnamthanam, P.O, Thiruvalla
Age : 63
Education : SSLC
Size of land holding (in acre) 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	1.5 acre	162.00 Q	453600	196350
Hort. Crop 2	Banana	1.5 acre	94.50 Q	359100	200350
Other enterprise (Specify)	Dairy	1 no	1960 L	54880	22440
Total				812700	396700

2) Status in 2020

Component Description		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	Vegetables	2 acre	228	592800	392600	40.7	99.94
Hort. Crop 2	Banana	2 acre	152	608000	402250	60.8	100.7
Other enterprise (Specify)	Dairy	1 no	3000 L	153000	99800	53.06	344.74
Total				1353800	894650		125.52

Brief: The farmer used to get annual income of Rs. 396700 from vegetables , Banana and Dairy etc. He faced problems like high disease incidence, low productivity etc. With DFI interventions like Training on nutrient management , pest control and plastic mulching , better dairy management practices , integrated farming system approach etc., he is getting annual income of Rs . 894650 . In addition, 12 % reduction in labour requirement occurred due to adoption of plastic mulching in vegetable production .



Crop of bush cowpea



Bitter melon crop under plastic mulching



Name of farmer : K A Thomas
Address : Kallamprampil, Mannamaruthi, Makkapuzha P.O 689676
Age : 81
Education : Higher Secondary
Size of land holding (in acre): 2.4 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.5	40.00	112000	47300
Hort. Crop 2	Banana	1	26.25	107625	54125
Hort. Crop 3	tuber crops	0.5	44.20	70720	40470
Total				290345	141895

2) Status in 2020

Component Description		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	Vegetables	0.5	62	161200	87800	55	85.62
Hort. Crop 2	Banana	1	42	168000	105250	60	94.45
Hort. Crop 3	tuber crops	0.5	58	104400	70650	31.2	74.57
Livestock 1	Dairy	2	4768 L	243168	148448	>100	>100
Other enterprise (Specify)	Vermicomposting	4 no.	40 Q	68000	35800	>100	>100
Total				744768	447948		215.60

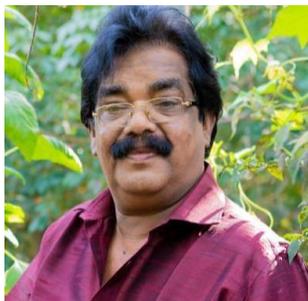
Brief: The farmer used to get annual income of Rs. 141895 from vegetables, banana , tuber crops etc. He faced problems like low productivity , heavy pest and disease incidence etc. With DFI interventions like demonstration of high density planting in banana, adoption of GAP, start of dairy unit and vermicomposting as part of integrated farming system approach etc., he is getting annual income of Rs 447948. In addition, there is cost saving of Rs. 9000 toward procurement of organic manures from outside the farm.



Brinjal Field



Nendran Harvest



Name of farmer : C. K Mani
Address : Sanu Nivas , Kadambanad P.O, Adoor , Pathanamthitta
Age : 67
Education : HSc
Size of land holding (in acre) : 0.8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.4	28.80	72000	24900
Total				72000	24900

2) Status in 2020

Component Description		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	Vegetables	0.8	86.40	362880	292680	200	1075.42
Other enterprise (Specify)	Beekeeping	10 nos.	0.93 Q	32550	15230	>100	>100
Total				395430	307910		1136.50

Brief: The farmer used to get annual income of 24900 from organic cultivation of vegetables. He faced problems like –very low productivity , high pest problems , poor price realization etc. With DFI interventions like trainings on scientific organic vegetable cultivation , method demonstrations on organic pesticide preparations, organic pest control methods and support for marketing of organic produce etc., he is getting annual income of Rs 307910. In addition, he was able to extend his crops in to leased lands and was able to do terrace cultivation in pots made from used tyre which avoided environmental pollution due to use of plastic grow bags.



Organic Snake gourd crop



Tyre pots for terrace vegetable production



Name of farmer : Vivek Thomas Mathew
Address : Vaikkathukaran house, Ayra von P.O., Konni Pin-689691
Age : 40
Education : Degree
Size of land holding (in acre): 8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	1	68 Q	190400	49600
Hort. Crop 2	Rubber	5	36.44 Q	320648	138148
Total				511048	187748

2) Status in 2020

Component Description		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	Vegetables	0.5	56 Q	224000	124500	-17.65	151.0
Hort. Crop 2	Rubber	5	38.46 Q	615385	316385	5.55	129.0
Livestock 1	Indigenous cattle	18	9000 L	585000	272400	>100	>100
Total				1424385	713285		279.90

Brief: The farmer used to get annual income of Rs. 187748 from vegetables and Rubber etc. He faced problems like low productivity, high incidence of pest and disease, Low price realization etc. With DFI interventions like training on high tech vegetable production technologies, Drip fertigation, Nutrient management, scientific cattle rearing etc., he is getting annual income of Rs 713285. In addition, there is cost saving of Rs. 41300 in the production of vegetables due to adoption of high tech vegetable production.



High tech Bitter gourd cultivation in poly house



Cucumber in Poly House



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer: Preetha Kumari Jayaprakash

Address: Attupurathu(H), East Othara, Kunnathumkara P O

Age: 53

Education: M.com, PGDCA

Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tapioca	0.2 Acre	12.4 Q	18600	7400
Hort. Crop 1	Banana	0.5 Acre	28 Q	84000	27400
Other enterprise (Specify)	Dairy(Indigenous)	2 Nos.	1200 Liter	150000	63800
Total				252600	98600

2) Status in 2020

Component Description		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	0.4	27.2 Q	40800	15800	119.35	113.51
Hort. Crop 1	Banana	0.75	51 Q	153000	60300	82.14	120.07
Hort. Crop 2	Cowpea(2times)	0.1	13.2 Q	52800	22500	>100	>100
Other enterprise (Specify)	Dairy(Indigenous)	3 Nos.	1800 Liter	225000	104700	50	64.11
Other enterprise (Specify)	Poultry(Improved)	50 Nos.	9000 Nos.	135000	57700	>100	>100
Other enterprise (Specify)	Duck	50 Nos.	10000 Nos.	120000	51360	>100	>100
Other enterprise (Specify)	Fish (Subsidy)	0.4	7.5 Q	188000	79700	>100	>100
Total				914600	392060		297.62

Brief: The farmer used to get annual income of Rs. 98600 from Tapioca, Banana, Dairy etc. She faced problems like crop loss due to pest and disease infestation, yield reduction due to secondary and micro nutrient deficiency, etc. With DFI interventions like _Advisory Services, supply of bio inputs, field visi, marketing support etc., she is getting annual income of Rs.392060.



Fish Pond



Cowpea Field



Name of farmer: Jilna Anney Philip

Address: Kodayattutharayil, Cherukole P O

Age: 50

Education: B.Pharm

Size of land holding (in acre): 0.3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Oyster Mushroom	1600 beds	7.2 Q	216000	83160
	Milky mushroom	300 beds	1.2 Q	36000	13824
Total				252000	96984

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Other enterprise (Specify)	Oyster Mushroom	2800 beds	15.4 Q	539000	227500	113.89	173.57
	Milky mushroom	700 beds	3.9 Q	136500	58100	225.00	320.28
	Mushroom spawn	6600 nos.	19.8Q	330000	147000	>100	>100
	Vermicompost		7.5 Q	15000	9180	>100	>100
Total				1020500	441780		355.51

Brief: The farmer used to get annual income of Rs. 96984 from Oyster and Milky mushroom. She faced problems like marketing, pests & diseases, availability of spawn etc. With DFI interventions like Vocational training, Advisory Services, supply of mother spawn, innovative marketing approaches etc., she is getting annual income of Rs. 441780. In addition, there is an additional income of Rs. 20000 from processed items of mushroom.



Milky Mushroom Cultivation



Mushroom Spawn Production

Effect of DFI intervention

Name of KVK: Pathanamthitta



Name of farmer: Rev. John Mathew
Address: Airoor Karmeal, Velliyara P O
Age: 65
Education: Bsc
Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Tapioca	0.4Acre	25.6 Q	38400	15400
Field Crop 2	Ginger	0.25 Acre	15.4 Q	61600	23100
Hort. Crop 1	Banana	0.4 Acre	18 Q	53900	18400
Other enterprise (Specify)	Dairy	3 Nos.	9000 Liter	450000	173700
Total				603900	230600

2) Status in 2020

Component Description		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	0.75 Acre	51 Q	76500	30800	99.22	100.00
Field Crop 2	Ginger	0.50 Acre	36.5 Q	146000	58700	137.01	154.11
Field Crop 3	Elephant Foot Yam	0.50 Acre	45.5 Q	136500	58100	>100	>100
Hort. Crop 1	Banana	0.75 Acre	44 Q	131850	54400	144.44	195.65
Other enterprise (Specify)	Dairy	6 Nos.	25200Liter	1260000	538100	180	209.79
Other enterprise (Specify)	Vermicompost	3 Nos.	9 Q	18000	10600	>100	>100
Total				1768850	750700		225.54

Brief: The farmer used to get annual income of Rs. 230600 from Tapioca, Ginger, Banana, Dairy etc. He faced problems like crop loss due to pest and disease infestation, yield reduction due to secondary and micro nutrient deficiency, etc. With DFI interventions like _advisory services, supply of bio inputs, field visit etc., he is getting annual income of Rs.750700. In addition, there is an additional income of Rs. 6000 from cowdung sale.



Ginger Field



Banana and Tuber Crops Field



Name of farmer: Mr. P A Abraham

Address: Kannathumuriyil, Aythala P. O, Ranny

Age: 69 Years

Education: B.Tech.

Size of land holding (in acre): 0.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Apiculture	Indian Honey bee- 50 Nos	5.5Q	165000	64700
Other enterprise (Specify)	Fish – Giant Gourami	0.1 Acre	7.5 Q	450000	145800
Total				615000	210500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Other enterprise (Specify)	Apiculture	Indian Honey bee-65 nos.	7 Q	245000	101000	27.27	56.11
Other enterprise (Specify)	Fish – Giant Gourami, Vala	0.35 Acre	16.5 Q	1067500	410300	120.00	181.41
Total				1312500	511300		142.90

Brief: The farmer used to get annual income of Rs. 210500 from indian bee, Fish – Giant Gourami etc. He faced problems like Marketing , pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs. 511300.



Fish Unit



Apiculture Unit



Name of farmer: Unnikrishnan S

Address: Nadukkemuriyil, Thiruvandoor P O

Age: 52

Education: SSLC

Size of land holding (in acre): 0.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Oyster	1250 beds	6.8 Q	204000	79000
	Mushroom				
	Milky mushroom	300 beds	1.3 Q	39000	16100
Total				243000	95100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Oyster	2500 beds	14 Q	490000	206300	105.88	161.14
	Mushroom						
	Milky mushroom	500 beds	2.5 Q	89300	37700	92.3	134.16
	Mushroom spawn	4200nos.	12.6 Q	210000	97020	>100	>100
Total				789300	341020		258.59

Brief: The farmer used to get annual income of Rs. 95100 from Oyster and Milky mushroom. He faced problems like marketing, pests & diseases etc. With DFI interventions like Vocational training, Advisory Services & innovative marketing approaches etc., he is getting annual income of Rs. 341020.



Oyster Mushroom Cultivation



Mushroom Spawn Production

Effect of DFI intervention

Name of KVK: Pathanamthitta



Name of farmer: T P Joseph

Address: Parangattu (H) Chathanthara P O, Vechuchirra

Age: 74

Education: PDC

Size of land holding (in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Bitter gourd	0.1 Acre	5.78 Q	21400	8200
Hort. Crop 2	Brinjal	0.2 Acre	19.6 Q	49000	16800
Hort. Crop 3	Cucumber	0.1 Acre	5.5 Q	6600	3100
Hort. Crop 4	Cowpea	0.1 Acre	4.9 Q	19600	7000
Hort. Crop 5	Banana	0.25 Acre	10.5 Q	31500	10900
Other enterprise 1	Indian Honey bee	50 nos.	3.6 Q	108000	44300
	Dammar bee	10 nos.	0.015 Q	1800	1400
Total				237900	91700

2) Status in 2020

Component Description		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	Bitter gourd	0.2 Acre	12.9 Q	48000	20000	123.2	144
Hort. Crop 2	Brinjal	0.3 Acre	35.4 Q	88500	38300	80.6	128
Hort. Crop 3	Cucumber	0.2 Acre	12 Q	14400	7100	118.2	129
Hort. Crop 4	Cowpea	0.2 Acre	13.2 Q	52800	22300	169.4	218.6
Hort. Crop 5	Banana	0.5 Acre	32 Q	96000	40800	204.8	274.3
Other enterprise 2	Indian Honey bee	80 nos.	6 Q	210000	85300	66.6	92.6
	Dammar bee	25nos.	0.038 Q	6900	4300	153.3	207
Total				516600	218100		137.84

Brief: The farmer used to get annual income of Rs. 91700 from banana, vegetables, apiculture etc. he faced problems like yield reduction due to secondary and micro nutrient deficiency, production loss due to pest and disease, marketing etc. With DFI interventions like _Advisory Services, supply of bio inputs, field visit, marketing support etc., he is getting annual income of Rs.218100.



Brinjal and Banana field



field



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer: Mr. K M Pappachan

Address: Tharayil Puthenveedu, Nellimukal P. O,
Adoor, Pathanamthitta, Kerala

Age: 77 Years

Education: B.Sc

Size of land holding (in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other Enterprise 1 (Specify)	Oyster mushroom	1250 beds	6.5Q	195000	75700
	Milky mushroom	250 beds	1.1Q	33000	13800
Other Enterprise 2 (Specify)	Indian Honey bee	50 nos.	3.5Q	105000	42600
	Dammar bee	10 nos.	0.015Q	1800	1400
Total				334800	133500

2) Status in 2020

Component Description		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	Rambutan	0.6 Acre	28Q	280000	171500	>100	>100
Other enterprise 1 (Specify)	Oyster mushroom	2400 beds	13.2Q	462000	178000	103	135
	Milky mushroom	400 beds	1.8Q	63000	26500	63.6	92
Other enterprise 2 (Specify)	Indian Honey bee	80 nos.	5.8Q	203000	82300	65.7	93.2
	Dammar bee	25nos.	0.038Q	6840	4300	153.3	207.14
Total				1014840	462600		246.51

Brief: The farmer used to get annual income of Rs. 133500 from tropical mushroom and apiculture etc. He faced problems like Marketing, pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs 462600.



Rambutan Field



Mushroom Unit



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : M C Thomas
 Address : Kallikaparambil Kadapra Mannar P O
 Age : 67
 Education : SSLC
 Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1 Acre	42 Q	126500	41250
Hort. Crop 2	Cowpea	0.15 Acre	7.3 Q	29300	10700
Hort. Crop 3	Cucumber	0.25 Acre	13.75 Q	16500	7600
Other enterprise 1	Dairy	2 Nos.	8600 Liter	344000	133500
Other enterprise 2	Fish – Thilapia Asam Vala	0.1 Acre	6 Q	90000	32800
Total				606300	225850

2) Status in 2020

Component Description		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	2 Acre	125 Q	375000	147000	197.6	256.4
Hort. Crop 2	Cowpea	0.25 Acre	15.5 Q	62000	26300	112	145.8
Hort. Crop 3	Cucumber	0.5 Acre	30 Q	36000	17712	118.18	133.05
Other enterprise 1	Dairy	3 Nos.	12960 Liter	648000	277000	50.7	107.5
Other enterprise 2	Fish – Thilapia Asam Vala	0.15 Acre	10 Q	200000	80100	66.66	144.20
Total				1321000	548112		142.69

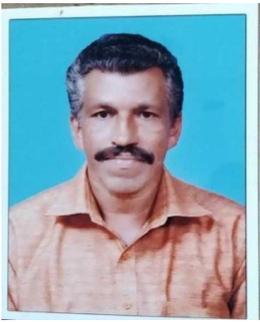
Brief: The farmer used to get annual income of Rs. 225850 from banana, vegetables, dairy, fish etc. he faced problems like yield reduction due to secondary and micro nutrient deficiency, production loss due to pest and disease , marketing etc. With DFI interventions like _Advisory Services, supply of bio inputs, field visit, marketing support etc., he is getting annual income of Rs.548112.



Fish Pond



Dairy Unit



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : Mr Mohanan Pillai
Address : Varikolil (H), Kurampala P.O. Pandalam Thekkekara
Age : 60
Education : SSLC
Size of land holding (in acre): 3 Lease 48

1) 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	Rice	5(Lease land 3 Acre)	75Q	1,69,500	77,000
Hort. Crop 2	Banana	1	57.6 Q	2,01,600	81,600
Hort Crop	Ginger	0.3	18.96 Q	75,840	47,090
Total		4		446940	205690

2) Status in 2020

Component Description		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	Rice	16(Lease land 14Acre)	350Q	9,66,000	6,07,666	366.67	689.18
Hort. Crop 2	Banana	0.3	17.28 Q	69120	41760	-70	-48.82
Total				10,3,5120	6,49,426		215.73

Brief: The farmer used to get annual income of Rs.205690/-from Rice ,banana and Ginger farming, etc. He faced problems like non availability of short duration rice var; shortage of labour ,low productivity of rice ,weed infestation etc. With DFI interventions like conducting FLD and OFT introduction of short duration rice var; training on rice mechanization ,cultivation of fallow paddy field, he is getting annual income of Rs 6,49,426. In addition, there is cost saving of Rs.1,40,000 in the production due to mechanization in rice farming.



Farmer doing ginger cultivation



Farmer in the paddy field



Name of farmer : Mr Biju Varghese
Address : Thengelilparambil, Niranam North P.O,
 Pathanamthitta Dist
Age : 51
Education : PDC
Size of land holding (in acre): 2.6Acre

1) 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	Rice	2	28 Q	62,720	25,720
Hort. Crop 2	Coconut	0.6	1764 No	31,752	17,352
Total		2.6		94,472	43,072

2) Status in 2020

Component Description		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	Rice	2 (Lease 2.5Acre)	104.5 Q	2,88,420	1,05,600	273.2	310.5
Hort. Crop 2	Coconut	0.6	3024	51,480	31,960	71.42	84.18
Total				3,39,900	1,37,560		219.30

Brief: The farmer used to get annual income of Rs 43,072. from, rice, and coconut. He faced problems like, weedy rice in rice ,pest in rice coconut ,pest and disease, l etc. With DFI interventions like FLD in rice FFS in coconut adopting IPM and INM practice , training , he is getting annual income of Rs.1,37,560. In addition, there is cost saving of hand weeding of Rs.16,500 in rice farming.



Farmer engaged in farm operations





Effect of DFI intervention **Name of** **KVK: Pathanamthitta**
Name of farmer : Mr. Thomas Varghese
Address : Naithelloor Ashok Villa, Anjilithanam P.O., Thiruvalla, Kerala - 689582
Age : 50
Education : Professional
Size of land holding (in acre): 4.40 Acre (Own + Family Property)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area/Plant Qty (Acre / Nos)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pepper	0.18	0.35 Q	12250	10,500
Hort. Crop 2	Coconut	1.15	880 Nos	15840	8,507
Hort. Crop 3	Banana	0.770	12 Q	42,000	15,540
Hort. Crop 4	Rambutan N18	0.250	6 Q	60,000	45,500
Total		2.35		130,090	80,047

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area/Plant Qty (Acre / Nos)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Pepper	0.18	0.90 Q	35,100	27,833	157.14	165.07
Hort. Crop 2	Coconut	1.15	1250 Nos	31,250	22,972	42.05	170.03
Hort. Crop 3	Banana	0.770	19 Q	95,000	68,540	58.33	341.05
Hort. Crop 4	Rambutan N18	0.250	9 Q	99,000	75,900	50.00	66.81
Total		2.35		2,60,350	1,95,245		143.91

Brief: The farmer used to get annual income of Rs 80,047 from Pepper, Coconut, Rambutan, Banana etc. He faced problems like low productivity from Pepper, Coconut, Banana etc. With DFI interventions like training field visit adopting INM practice, pruning in Rambutan, marketing techniques, he is getting annual income of Rs.1,95,245.



Rambutan Trees in background



Black Pepper Column Planting



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : Mr Ajith Kumar Y

Address : Kamalasadanam (H), Edathitta P.O. Kodumon

Age 42

Education : PDC, ITI

Size of land holding (in acre): 2 Lease 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rice	1	14 Q	31,920	14,420
Hort. Crop 2	Banana	0.7	53.2 Q	2,02,160	97,160
Hort Crop	Bitter gourd	0.3	7.2 Q	28,800	18,300
Total		4		2,62,880	1,29,880

2) Status in 2020

Component Description		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	Rice	1Acre 5Acre (Lease land)	115 Q	3,17,400	2,06,400	721	1331.35
Hort. Crop 2	Banana	0.7	59.5 Q	3,57,000	2,34,500	11.84	141.35
Hort. Crop 3	Bitter gourd	0.2	6.1 Q	26,300	16,800	-15.27	- 8.20
Hort. Crop 3	Amaranthus	0.1	0.3 Q	1250	850	>100	>100
Total				7,01,950	4,58,550		253..05

Brief: The farmer used to get annual income of Rs1,29,800. from Rice ,banana and bitter gourd farming, etc. He faced problems like ,non availability of short duration rice var; ,low productivity of rice ,weed infestation etc. With DFI interventions like cultivation of fallow paddy field, conducting FLD introduction of short duration rice var; micro nutrients, use of herbicides in rice adopting high density banana cultivation ,use of balance fertilizers , he is getting annual income of Rs 4,58,550. In addition, there is cost saving of Rs.85,500 in the production due to mechanisation in rice farming.



Farmer in his paddy field



Farmer in his banana field



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : Mr Babu K

Address : Thengumthudiyil, Enathu PO, Pathanamthitta

Age : 36

Education : 8

Size of land holding (in acre): 0.05Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Auto driver	NA	NA	1,65,000	1,14,000
Total		0.05		1,65,000	1,14,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Coconut Climbing (FoC)	NA	NA	1,80,000	1,44,000	>100	>100
Other enterprise (Specify)	Brush cutter	NA	NA	1,38,600	92,400	>100	>100
Total				318600	2,36,400		107.30

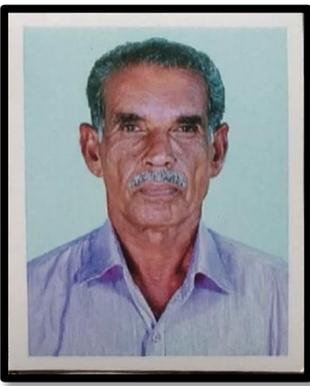
Brief: The Rural Youth used to get annual income of Rs 1,14,000. from Auto taxi. He faced problems like competition among taxi, no secondary income etc. With DFI interventions like training on coconut climbing, (FoC), brush cutter use he is getting annual income of Rs 2,36,400. In addition, he is getting coconuts for his home consumption.



Mr. Babu using his brush cutter



Mr Babu engaged in coconut climbing



Name of farmer : Mr Gopala Kurup

Address : Vaishnavam, Mannam Nagar P.O, Perumpulikkal,
Pandalam Thekkekara

Age 70

Education : ITI

Size of land holding (in acre): 2.3 Acre

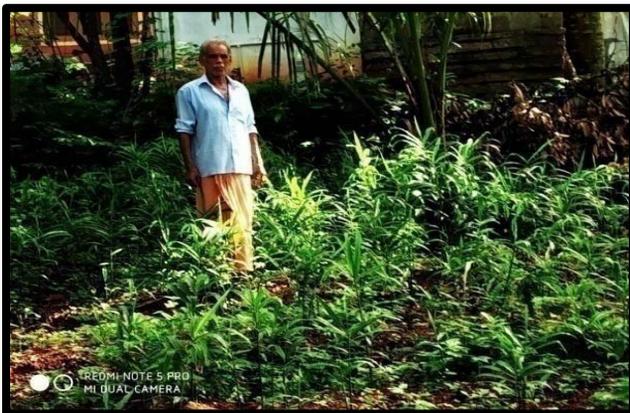
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rice	2	24Q	59,520	17,520
Hort. Crop 2	Ginger	0.3	21.6Q	97,200	38,700
Total		2.3		1,56,720	56,220

2) Status in 2020

Component Description		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	Rice	2(2 Acre lease)	64 Q	1,83,680	49,500	166.6	182.5
Hort. Crop 2	Ginger	0.3	22.4 Q	1,56,800	94,800	3.70	144.96
Total		4.3(2 Acre lease)		3,40,480	1,44,300		156.60

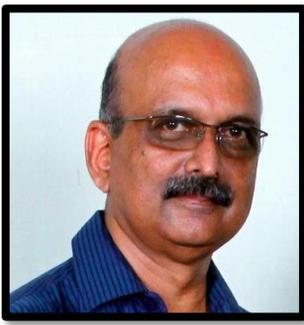
Brief: The farmer used to get annual income of Rs 56,220. from, rice and ginger farming, etc. He faced problems like, weedy rice, pest and disease, in rice low price for ginger etc. With DFI interventions like FLD on weedy rice management, training , marketing techniques(selling as seed ginger through KVK farmers) , he is getting annual income of Rs 1,44,300. In addition, there is cost saving in pest and disease management of Rs.14,500/ in rice cultivation .



Ginger cultivation



Farmer in his field



Name of farmer: Mr Rajendran P

Address: Puthenparambil

Pullad P.O, Pathanamthitta Dist

Age: 63

Education: Graduate

Size of land holding (in acre): 2.5Acre

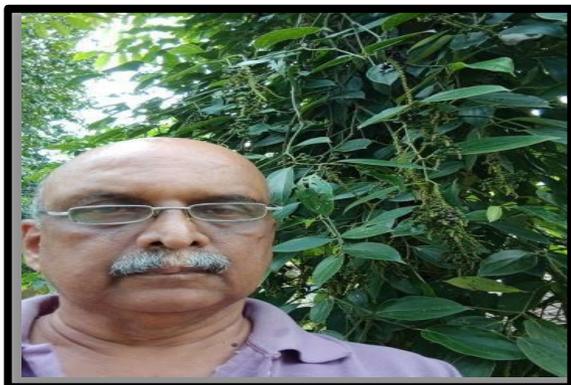
1) Before Intervention

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	Cassava	1.5	240Q	1,92,000	1,08,500
Hort. Crop 2	Coconut	0.5	342No	6156	3,456
Hort Crop 3	Pepper	0.5	2.86	97,240	58,344
Total		2.6		295396	170300

2) Status in 2020

Component Description		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	Rambutan	1	48Q	4,32,000	2,95,800	>100	>100
Hort. Crop 2	Pepper	0.5	4.22 Q	1,51,920	94,190	47.5	61.4
Total				583920	389990		129.00

Brief: The farmer used to get annual income of Rs .170300/- from, rice, and coconut. He faced problems like, weedy rice in rice ,pest in rice coconut ,pest and disease, l etc. With DFI interventions like FLD in rice FFS in coconut adopting IPM and INM practice , training , he is getting annual income of Rs. 389990. In addition, there is cost saving of hand weeding of Rs.16,500 in rice farming.



Farmers pepper cultivation



Farmers Rambutan cultivation



Name of farmer: Mr Ravindran Nair

Address: Piralasseril (H)

Mannamnagar P.O. Pandalam Thekkekara

Age: 60

Education: SSLC

Size of land holding (in acre): 1.6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rice	1 Acre	18Q	44,280	20,780
Hort. Crop 2	Banana	0.4 Acre	57.6 Q	63,000	81,600
Hort Crop 3	Ginger	0.2	18.96 Q	75,840	47,090
Total		4		183120	149470

2) Status in 2020

Component Description		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	Rice	1(Lease land 5Acre)	350Q	9,66,000	6,07,666	1844.44	2824.28
Hort. Crop 2	Ginger	0.4	17.28 Q	69120	41760	-8.86	-11.31
Total				10,3,5120	6,49,426		334.48

Brief: The farmer used to get annual income of Rs 149470. from Rice ,banana and Ginger farming, etc. He faced problems like non availability of short duration rice var; shortage of labour ,low productivity of rice ,weed infestation etc. With DFI interventions like conducting FLD and OFT introduction of short duration rice var; training on rice mechanisation ,cultivation of fallow paddy field, he is getting annual income of Rs 6,49,426. In addition, there is cost saving of Rs.1,40,000 in the production due to mechanisation in rice farming.



Farmer in his ginger field



Banana cultivation



Name of farmer: Mr George Joseph

Address: Puthukandathil House

Kodumon PO, Pathanamthitta

Age: 33

Education: Plus Two

Size of land holding (in acre): 0.04

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Driver	NA	NA	1,58,400	1,58,400
Total				1,58,400	1,58,400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Tractor, Combined Harvester driver	NA	NA	3,96,000	3,46,000	NA	>100
Total				3,96,000	3,46,000		118.40

Brief: The Rural Youth used to get annual income of Rs 1,58,400 as driver for hired vehicle etc. He faced problems like steady income etc. With DFI interventions like tractor and combined harvester training he is getting annual income of Rs 3,46,000.



Farmer with his tractor



Operating combined harvester



Name of farmer : Mr Sumesh
Address : Sabaripoikayil, Vaipoor PO, Kottagal
Age : 40th
Education : 10
Size of land holding (in acre): 0.23Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	5 No	225 No	4050	2850
Hort. Crop 2	Pepper	15 No	0.18 Q	6300	4500
Other enterprise (Specify)	Farm labour	NA	NA	1,58,400	1,58,400
Total		5		168750	165750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	5 No	240 No	5280	3180	6.67	11.58
Hort. Crop 2	Pepper Nursery	15 No	0.15 Q 122 Bush Pepper	19,440	14,700	-16.67	226.67
Other enterprise (Specify)	Coconut Climbing (FoC)	NA	NA	3,60,000	3,25,000	>100	>100
Total				3,84,720	3,42,880		106.86

Brief: The farmer used to get annual income of Rs1,65,750. from Farm labour pepper and coconut, etc. He faced problems like shortage in no of labour days, no secondary income etc. With DFI interventions like training on coconut climbing,(FoC), bush pepper production he is getting annual income of Rs 3,42,880. In addition, there is cost saving of Rs.1,60,000 in the production .



Pepper cultivation



Engaged in coconut climbing



Name of farmer : Mr Biju P S
Address : Puthenpurakkal, Narakathany P.O, Vennikulam
Age : 51
Education : ITI
Size of land holding (in acre): 1 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut (Dwarf)	1	3456 No	62,208	37,408
Hort. Crop 2	Banana (Intercrop)	0.20	25 No	4,500	3,600
Hort Crop	Ginger (Inter crop)	0.05	2.8 Q	14,000	8,800
Total		1		80,708	49,808

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut (Dwarf)	1	5040 No	1,61,280	1,23,500	45.8	230.1
Hort. Crop 2	Ginger (Inter crop)	0.2	11.2 Q	67,200	36,700	300	317
Total				2,28,480	1,60,200		221.00

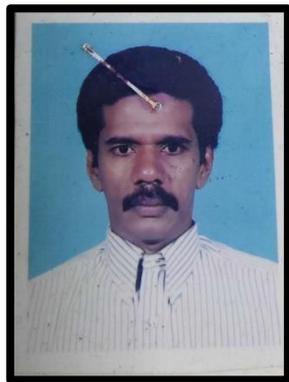
Brief: The farmer used to get annual income of Rs 49,808. from, coconut, banana and ginger farming, etc. He faced problems like, low productivity from coconut ,pest and disease, low income etc. With DFI interventions like field visit adopting IPM and INM practice , training , marketing techniques(selling as tender nuts) , he is getting annual income of Rs 1,60,200. In addition, there is cost saving of harvesting tender nuts of Rs.12,300 of coconut farming.



Farmer with dwarf



Coconut



Name of farmer: Mr Varghese Thomas

Address: Punnalathu

Churalikodu P.O, Pathanamthitta

Age: 59

Education: Graduate

Size of land holding (in acre): 3Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2.1	201Q	2,81,400	1,88,500
Hort. Crop 2	Pepper	1	5.2 Q	1,87,680	1,12,600
Total		3.1		4,69,080	3,01,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	2.5	290 Q	9,28,000	6,80,400	44.28	260.95
Hort. Crop 2	Pepper	1	6.9Q	2,48,400	1,49,040	32.69	32.36
Total				11,76,400	8,29,440		175.45

Brief: The farmer used to get annual income of Rs 3,01,100. from, Arecanut, and Pepper. He faced problems like, labour shortage in Arecanut and Pepper and disease, etc. With DFI interventions like FLD in pepper adopting IPM and INM practice in Arecanut, increase price of betlenut, he is getting annual income of Rs 8,29,440.



Arecanut cultivation



Pepper cultivation



Name of farmer: Mr Philipose T Varghese

Address: Manipuzha Thoppil (H)

Parumala P.O. Mannar

Age: 61

Education: B Com

Size of land holding (in acre): 3 . 14

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	1.8 Acre	6240 No	99,840	45,960
Hort. Crop 2	Banana	0.5 Acre	26 Q	91,000	42,000
Hort Crop	Rice	0.8 Acre	12 Q	29,520	13,020
Total		3.1 Acre		220360	100980

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	1.8	10,800 No	2,16,000	1,17,200	73.08	155.0
Hort. Crop 2	Banana	0.5	30 Q	1,50,000	68,500	15.38	63.10
Hort. Crop 3	Rice	0.8	15Q	42,600	17,700	25	35.94
Total				408600	2,03,400		100.00

Brief The farmer used to get annual income of Rs 100980. from Coconut, banana and Rice farming, etc. He faced problems non availability of organic manure , pest and disease in coconut, low yield due to soil acidity and un balance nutrient management ,shortage of labour, low productivity of rice ,weed infestation etc. With DFI interventions like conducting FLD in coconut and rice trainings, field visit he is getting annual income of Rs 2,03,400. In addition, there is cost saving of Rs.24,000 in nutrient management in coconut.



Coconut cultivation



Farmer in his field



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : Biji O K

Address : Chakkalil (H),Vellayil P.O,Kottanadu,Mallapally 689613.

Age : 38years

Education : Predegree

Size of land holding (in acre) : 10 cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop 1	vegetables	0.02 acre	0.50 Q	1850	1500
Total				1850	1500

2) Status in 2020

Component Description		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	Vegetables	0.03 acre	0.60 Q	2400	2100	20	40
Hort crop 2	banana	0.05	1.64 Q	6380	5680	>100	>100
Field crop 1	Tubers	0.05	0.87 Q	4010	3310	>100	>100
Livestock	Poultry	6 nos.	1200 nos. of eggs	8400	5687	>100	>100
Enterprise	Eco shop	200 Sq.Ft	NA	300000	100000	>100	>100
Total				321190	116777		7685.13

Brief: The farmer used to get annual income of Rs.1500/- from vegetables. She faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and management Strategies in Poultry and other agri based interventions she is getting annual income of Rs. 116777/-



Biji O K with her Poultry birds



Biji O K at her eco shop



Name of farmer : Aruna Santhosh

Address : Krishnalayam,Kanjettukara P.O,Ayroor .

Age : 40years

Education : Predegree

Size of land holding (in acre) : 10 cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock	Poultry	15 nos.	1500 nos. of eggs and 30 kg meat	13000	4536
Total				13000	4536

2) Status in 2020

Component Description		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	Spices	0.10 acre	.20Q	10000	8000	>100	>100
Livestock	Poultry	100 nos.	11250nos. Of eggs , 30 nos. of chicks ,0.2 Q meat	87950	33950	650	648.46
Total				97950	41950		824.00

Brief: The farmer used to get annual income of Rs.4536/- from poultry She faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and management Strategies in Poultry and other agri. based interventions she is getting annual income of Rs. 41950/-



Aruna Santhosh in her poultry unit



Aruna Santhosh with her crops



Name of farmer : Susan Varghese

Address : Maliackamanayil(H),Paduthodu P.O; Vennikulam, 689544

Age : 50years

Education : Predegree

Size of land holding (in acre) : 18 cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Corp	Vegetables	0.10 acre	0.85 Q	2125	375
Total				2125	375

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crop	0.05 acre	2.9 Q	11440	9490	>100	>100
Hort Crop 1	Vegetables	0.04	2.2 Q	10000	4700	158.82	1153.
Hort crop 2	Spices	0.02	0.1 Q	3250	2000	>100	>100
Livestock	Poultry	100 nos.	3760 nos. of eggs , 170 nos. of chicks	82445	16745	>100	>100
Total				107135	32935		8682

Brief: The farmer used to get annual income of Rs.375/- from vegetables . She faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and management Strategies in Poultry and other agri based interventions she is getting annual income of Rs. 32935/-



Susan Varghese with her birds



Susan Varghese with the harvest



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer: Mini Daniel

Address : Pazhayapurackal Kallarickal (H), Vallamkulam east P.O, Eraviperoor

Age : 48 years

Education : B.com

Size of land holding (in acre) : 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry layers	22 nos	2400 nos of eggs	17400	6921
Total				17400	6921

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Tuber crop	0.15 acre	1.23 Q	24600	14800	>100	>100
Field crop 2	Coconut	268 nos.	750 nos.	15000	2000	>100	>100
Hort Crop 1	Banana	100 nos.	14.31 Q	39240	28440	>100	>100
Hort crop 2	Nutmeg	0.80 acre	0.40 Q	20000	2000	1>00	>100
Hort crop 3	Vegetables	0.42 acre	0.460 Q	10120	2120	>100	>100
Livestock	Poultry	100 nos.	21250 nos. Of eggs	148750	112750	785.42	1529.10
Total				257710	162110		2442.30

Brief: The farmer used to get annual income of Rs.-6921/- Poultry Eggers. She faced problems like less Production , Diseases etc. With DFI interventions like Good Feeding and management Strategies in Poultry and other agri based interventions she is getting annual income of Rs. 162110.



Mini Daniel with poultry bird at her roof top farm



Mini Daniel with her birds



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer : Muhammed Ali Subair

Address : Nellimoottil Puthanveedu, Pathirickal PO.

Age : 30

Education : B.COM

Size of land holding (in acre): Nil

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	NIL	NIL	NIL	NIL	NIL
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Jackfruit Powder and Raw Jack	NA	15Q	637500	150000	>100	>100
Value addition of Seasonal crops	Fruit Juices	NA	10Q	400000	110000	>100	>100
Total			25Q	1037500	260000		100.00

Brief: The farmer was waffled on starting the Jackfruit product business initially. But with DFI interventions which included detailed sessions on various products that could be made from Jackfruit and other seasonal crops, proper guidance on marketing strategies and continuous support, he has started a food processing unit "Limra foods" and getting a profit of Rs 2,60,000 per annum. Also he has started getting various linkages for establishing new business contacts through DFI interventions which has improved the business much more.



Branded Jackfruit Flour from Limra Foods



Jackfruit products in retail outlet



Name of farmer : Arya B Surendran
Address : Puthuparambil House, Chengara P O
 Malayalapuzha, Eram. 689664
Age : 27
Education : Plus two
Size of land holding (in acre) : 0.15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.05	0.45 Q	1350	750
Other enterprise (Specify)	NIL	NA	NIL	NIL	NIL
Total				1350	750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	0.05	0.45 Q	1750	950	0.00	26.67
Other enterprise (Specify)	Jack flour based cakes and confectionaries	NA	4.3 Q	216000	118800	>100	>100
Total				217750	119750		15866

Brief: She was an unemployed rural youth seeking options to become an entrepreneur. She had faced problems like lack of linkages ,technology support and market interventions. With DFI interventions like technology trainings, capacity building programmes, advisory services, she has initiated a home scale 'nano' enterprise in value addition and is getting annual income of Rs. 119750/- from Jack flour based cakes and confectionaries making per annum.



Working at her home scale unit



With Jack flour based decorative cake



Name of farmer :Afra Jabbar,
Address : 'Bilss N blooms',Elava-mayooram,Vaipur P O, 689588
Age 41
Education : Degree
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.)
Hort. Crop 1	Vegetable garden	0.2	0.5 Q	10000	3000
Other enterprise (Specify)	Seasonal fruits	NA	0.5 Q	20000	10000
Fruit processing					
Total				30000	13000

2) Status in 2020

Component Description		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	Ornamental Garden	0.3 Acre	3 Q	90000	40000	>100	>100
Hort. Crop 2	Exotic fruits	0.5 Acre	10 Q	80000	50000	>100	>100
Hort. Crop 3	Turmeric	0.3 Acre	3 Q	19500	Nil-used for processing	>100	>100
Other enterprise	Turmeric processing	NA	0.75 Q	37500	15500	>100	>100
Organic processed spice products							
Total				227000	105500		711.53

Brief: The farm women used to get annual income of Rs. 13000/- from home vegetable garden. and value addition. She had faced problems like lack of linkages and technical know how on establishment of ornamental gardens, exotic fruit plants, spices and safe processing methods. With DFI interventions like group interactions and advisory support now she is getting annual income of Rs. 105500/- from her initiatives.



At Fruit Garden



At ornamental Garden



Name of farmer: Anila Anna Varughese
Address: Maliekkal malayil, Paduthode P O
Vennikulam 689544
Age: 23
Education: B.Com
Size of land holding (in acre): .3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Cake making	NA	.48Q	19200	7200
Value addition					
Total				19200	7200

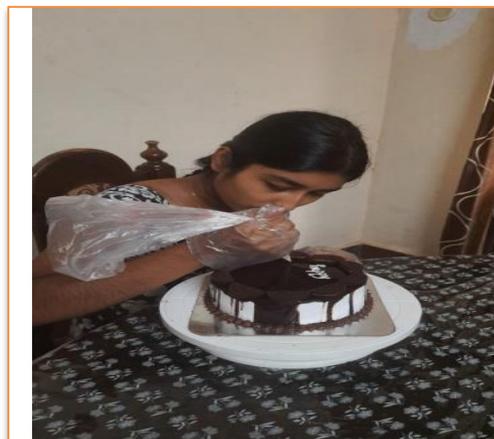
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Fruit based designer nutri cakes	NA	4.2Q	420000	168000	775.00	2233.33
Total				420000	168000		2233.33

Brief: This enthusiastic and creative rural youth used to get annual income of Rs.7200/-from cake making. She faced problems like lack of oven, and knowledge regarding fruit based nutri products,etc. With DFI interventions like skill trainings, capacity building programmes , advisory support for FSSAI as well as input distribution of electric oven under ARYA programme, now she is able to produce more units and getting annual income of Rs168000/-.



Before-Making cakes in Steamer



Before-Making decorative cakes



Name of farmer: Valsala kumari C
Address: Cheruvallur Veedu Edathitta P O
Kodumon 691555
Age: 61
Education: SSLc,Nursing.
Size of land holding (in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	50Nos.	7.5Q	18750	11250
Hort. Crop 2	Tapioca	100Nos	3.5Q	3500	1500
Other enterprise Processing and Value addition	Spice powder	NA	12 Q	120000	54000
Total				142250	66750

2) Status in 2020

Component Description		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	50Nos.	7.5Q	26750	14250		26.67
Hort. Crop 2	Tapioca	100Nos	4Q	6000	3100	14.28	106.67
Other enterprise Value added ready to cook products from Dehydrated foods	Spice powders, Cereal and nutri-cereal powders, dehydrated jack and powder, Premium Coconut oil.	NA	25 Q	500000	212500	108.33	293.52
Total				532750	229850		244.34

Brief: The women entrepreneur used to get annual income of Rs. 66750/-from home made spice powder and coconut oil prepared at rented facility during before intervention period. She had faced problems like absence of technical know how on processing machineries, lack of linkages,etc. With DFI interventions like capacity building trainings, technology refinement, method demonstrations,advisory services, now she has started an enterprise "Bharath foods" and is getting annual income of Rs.229850.



At her spice processing unit



At her own sales outlet for home made products



Name of farmer:Vilasini. E K
Address: lekhsmin vilasam elanthoor pathanamthitta 689643
Age: 63
Education: SSLC, TTC,ANM
Size of land holding (in acre): 1.6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	25 Nos	3.5Q	10500	5600
Other enterprise (Specify) Value addition of locally available crops	Pickles from seasonal vegetables, Chutney powders.	NA	1.2Q	30000	10800
Total				40500	16400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Papaya	22 Nos.	20 Q	20000	15000	>100	>100
Hort. Crop 2	Banana	25 Nos.	4 Q	17500	12250	14.28	118.75
Hort. Crop 3	Jackfruit	250Nos	25 Q	25000	20000	>100	>100
Other enterprise (Specify) Value addition of locally available nutritious crops	Dehydrated jackfruit and fruit squash, pepper products.	NA	19 Q	285000	171000	1483	1483
Total				347500	218250		1230.80

Brief: The entrepreneur used to get annual income of Rs. 16400/-from banana and home based unit through Value addition of locally available nutritious crops. She faced problems like shorter shelf life for products,packaging,labelling and marketing. With DFI interventions like method demonstrations,skill training, advisory services and market linkages, she has started "Sreevilasam" food company and is getting annual income of Rs. 218250. In addition, there is a cost saving of Rs. 47250 by using own produces for processing and value addition.



With Value added products



Recognition for her contribution



Name of farmer: Vineetha V
Address: Vattamparambil House,
Pullad P O 689548
Age: 36
Education: SSLC
Size of land holding (in acre): NA

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	NIL	NA	NA	NA	NA
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Unit for making Spices powders, Ready to Cook	NA	6.6Q	297000	108000	>100	>100
Processing and Value addition of Spice products	Ginger curry powder.						
Total							100.00

Brief: This entrepreneur was an unemployed youth and doing some part time job as a sales girl used to get an average annual income of Rs.36000/- per annum. She had faced problems like lack of stable income and linkages/support for finding out a better option for livelihood. With DFI interventions like EDP in processing and value addition and with support of DIC, now she is getting an annual income of Rs. 108000/-.



Working at rice mill



Working at roaster unit



Name of farmer: M K Rajesh

Address: Moothedathu Mepurath, Ranny P O

689672

Age: 46

Education: Pre-Degree

Size of land holding (in acre): .12

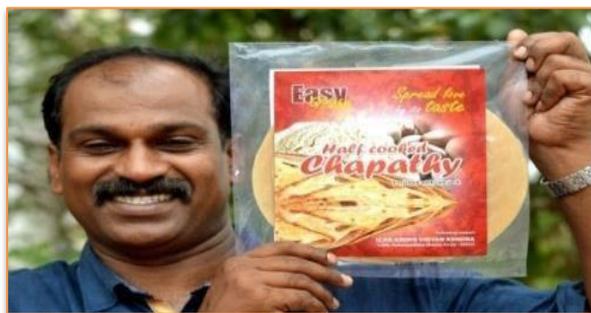
1) Before Intervention

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	Tubers (Yam,Colocassia,Tapioca)	0.06	0.5	1500	850
Hort. Crop 2	Vegetables (Tomato,Bhindi, Green chilly)	0.02	0.7	5200	3800
Total				6700	4650

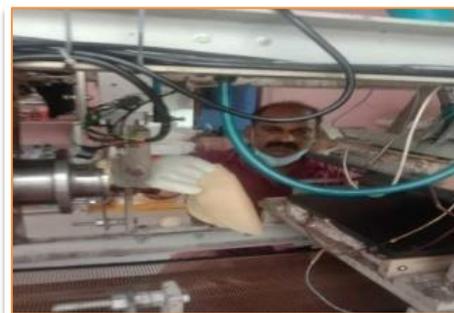
2) Status in 2020

Component Description		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	Tubers (Yam,Colocassia ,Tapioca)	.06	.7	2800	1700	40	100
Hort. Crop 2	Vegetables (Tomato,Bhindi, Green chilly)	.02	.9	10200	7800	28.57	105.26
Other enterprise (Specify)	Ready to Cook Chappathi with Raw Jack bulb flour.	NA	50 Q	1250000	250000	>100	>100
Processing and Value addition							
Total				1263000	259500		5480.00

Brief: The farmer was a registered unemployed rural youth with the District Industries Centre and used to get annual income of Rs. 4650. He had faced problems like lack of technical knowledge, absence of machineries,etc. With DFI interventions like Technology based training programmes, guidances and by the support of line departments for machineries, now he is getting annual income of Rs.259500/-.



With product- Jackfruit Chapathi



At unit-Manufacturing half cooked chapathi



Name of farmer : Meenu M Nair
Address : Chittoor House
Vazhamuttom P O Omallur 689647
Age: 31
Education: Plus two
Size of land holding (in acre): Nil

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	NIL	NA	NIL	NIL	NIL
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify) Value addition- Home made Cakes	Home made Cakes and fruit pulp based baked products	NA	240 Nos.	108000	60000	>100	>100
Total				108000	60000		100.00

Brief: This farm women was an unemployed youth, in search of suitable income generation opportunities for livelihood. She had faced problems like lack of technology support, advisory for licensing, product specifications, etc. With DFI interventions like Skill Trainings, support for input purchase under ARYA, interaction with the experts, she is producing jack flour and pulp based cakes and confectionaries and getting annual income of Rs.60000/-.



Working at her home unit



With jack flour and pulp based product



Name of farmer: Santhamma John
Address: Cheriparambil House
Valanjavattom P O Tiruvalla 689104
Age: 62
Education: SSLC.
Size of land holding (in acre): .04

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise	Pickle making	NA	1.2Q	14400	5000
Home scale processing of vegetables					
Total				14400	5000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Innovative nutritious products from Traditional fruits	NA	4.8Q	228000	79800	300	1496
Value addition of Jackfruit	-ready to eat snacks, juice, jam, cakes and confectionaries						
Total				228000	79800		1496.00

Brief: The farm women turned entrepreneur used to get annual income of Rs. 5000/- from Home scale processing of vegetables-Pickle making . She faced problems like lack of knowledge on production of uniform quality marketable products from under utilized crops including jackfruit. With DFI interventions like group interactions, capacity building programmes, method demonstrations and participation in exhibitions, now she is getting annual income of Rs 79800/-.



Value added products



Receiving honour for her initiatives in value addition of under utilized crops



Name of farmer: Rekha Viswakumar

Address: Sivadam, Pullad

P O 689548

Age: 55 Education:

BS.

Size of land holding (in acre): .5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Ornamental flowers and herbs	0.05	1.5Q	5000	1000
Hort. Crop 2	Tapioca	0.05	1Q	1500	500
Total				6500	1500

2) Status in 2020

Component Description		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	Ornamental flowers and herbs	0.05	2Q	30000	12000	33.33	1100
Hort. Crop 2	Tapioca	0.05	1.5Q	2000	750	50	50
Other enterprise (Specify)	Fruit and Vegetable based products like Squash, RTS Juices from herbs and roses, and snacks from nutri-crops and herbs and snacks from tubers.	NA	10Q	200000	90000	>100	>100
Processing and Value addition							
Total				232000	102750		6750.00

Brief: The farm women was a home maker having production of seasonal nutritious herbs/flowers. She faced problems like loss of produces due to lack of technical know how on production of value added products and setting up of processing facilities. With DFI interventions like capacity building programmes, method demonstrations, advisories, linking with research stations, now she is adding value to her produces and getting annual income of Rs 102750. - In addition, there is a cost saving of Rs. 12750/- by using own resources for value addition.



Working at home scale unit



Participating in exhibition cum sale of value added products



Name of farmer: Suneesh K
Address: Chittoor House Vazhamuttom
P O Omallur 689647
Age: 41
Education: Diploma in Electronics **Size of land holding (in acre): 2**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Tuber crops –Cassava, Colocassia.	1	50Q	150000	45000
Total					

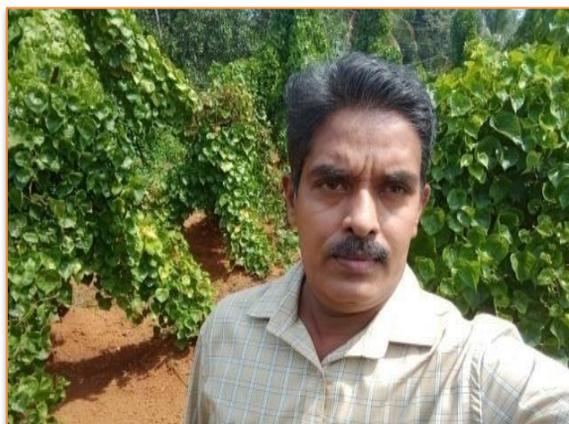
2) Status in 2020

Component Description		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	Tuber crops Tapioca, Colocassia, Elephant foot yam, Yam.	1	60Q	270000	115000	20	155.56
Total				270000	115000		155.55

Brief: The farmer used to get annual income of Rs. 45000/- from tuber crop cultivation. He faced problems like lack of guidance in availability of quality planting materials. With DFI interventions like trainings, introduction of other tuber crops and linkages established, he is getting annual income of Rs. 115000/-



Before intervention



After intervention



Name of farmer: Ajithamani C K

Address: Nithin Nivas,Thazham P O Malayalapurza

Age: 52 Education:

SSLC

Size of land holding (in acre):.4Acre

1) 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	30 Nos.	3.5 Q	10500	2000/-
Livestock 1	Cow	1 No.	800 Litre	24000	7000/-
Other enterprise	Traditional snacks,	NA	1.2 Q	12000/-	3600/-
Home level food processing	Pickles, Chutney powders				
Total				46500	12600

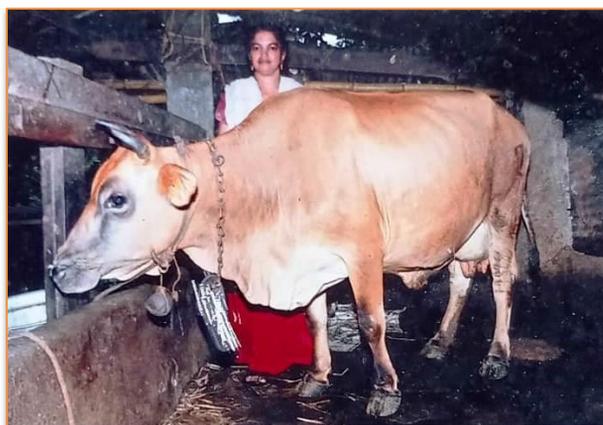
2) Status in 2020

Component Description		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	30 Nos.	3.5 Q	12250	3000/-	0.00	50
Livestock 1	Cow	2 No.	2100 Litre	84000/-	28000/-	162.50	
Other enterprise (Specify)	Value added fruit products-	NA	1500 Kg	300000/-	120000/-		300
Agro-processing and value addition	Jam,Sip-up,Squash, Pickles.						
Total				396250	151000		1098.41

Brief: The farm women used to get annual income of Rs. 12600/- from agriculture and allied activities. She faced problems like absence of linkages with line departments,technology support in processing, packaging, labelling and licensing of value added products. With DFI interventions like hands on vocational training, established linkages, advisory services and support, She is getting annual income of Rs. 151000/-



Media report on 'Greeshmam'Value added produts



At her Animal unit



Name of farmer: Rajamma Abraham
Address: Akkaraparambil, Mallapally West,
Mallapally P O 689585
Age: 62
Education: BSc. BEd.
Size of land holding (in acre): .7 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1 Terrace Garden	Vegetable(Chilly, Tomato,Bhindi,Ginger,Brinjal and other vegetables)	.02	1.5Q	4500	1700
Total					

2) Status in 2020

Component Description		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 Terrace Nutri-Garden (organic cultivation)	Seasonal vegetables/ Nutri-crops and 7 leafy vegetables.	.02	3Q	22500	12000	100	605.89
Total							605.89

Brief: The farmer used to get an income of Rs.1700/- from her terrace garden. She faced problems like lack of improved seeds and quality planting materials of nutri-crops and leafy vegetables. With DFI interventions like introduction to improved practices and advisories on nutri-garden, she is getting direct annual income of Rs 12000/- from her organic terrace garden.



Organic vegetables in terrace garden



Organic vegetables in terrace garden



Name of farmer: Raji Viswanath
Address: Thazhathethil House,
Kurunghazha P O Pullad 689548
Age: 49
Education: SSLC
Size of land holding (in acre):.12Acre

1) Before Intervention

Component Description				Benchmark (Baseline period 2016-17)			
Components			Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise	NIL	NA	NIL	NIL	NIL	NIL	NIL
Total							

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Tapioca flour based fried products and snacks	NA	300 Kg	90000	50000	>100	100
Agro-Processing and Value addition							
Total				90000	50000		100.00

Brief: The farm women used to get no annual income from agriculture and allied activities. She faced problems like lack of knowledge on successful technologies for processing and value addition of locally available under utilized tuber crops but she has got enthusiasm to learn and practise food processing activities. With DFI interventions like trainings, support for linkages with research institutions, she has initiated a 'nano' group unit and is getting annual income of Rs 50000/-.



Working at her 'nano' unit



Working at her 'nano' unit



Name of farmer: Remani C Nair
Address: Chandralayam House,
Kurunghazha P O, Pullad 689548 Mobile
Age: 54Years Education:
Pre-Degree
Size of land holding (in acre): .4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables (Bhindi, Tomato, Chilly, Papaya)	.01Acre	.5 Q	1000	350
Total				1000	350

2) Status in 2020

Component Description		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	Vegetables (Bhindi, Tomato, Chilly, Papaya)	.02Acre	.8Q	2000	850	160	142.86
Hort. Crop 2	Tapioca	.2Acre	5Q	10000	3500	>100	>100
Other enterprise (Specify)	Squash, Juice from under utilized fruits	NA	600Kg	120000	70000	>100	>100
Agro-Processing and Value addition							
Total				132000	74350		21142

Brief: farm women used to get no significant annual income from agriculture and allied activities. She faced problems like lack of knowledge on successful technologies for processing and value addition of under utilized fruits and locally available vegetables. With DFI interventions like trainings, OFT and FLD programmes, she is getting annual income of Rs 74350/, including the income from agricultural produces.



Working at her unit with group members



Working at her unit with group members



Name of farmer: Bindhu Nair
Address: Kaleeckal veedu, Parumala P O
Mannar 689626
Age: 50
Education: Degree
Size of land holding (in acre): .15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Terrace Nutri-Garden	NIL	NIL	NIL	NIL
Livestock 1	Poultry birds	10Nos.	2000 eggs	10000	6000
Total				10000	6000

2) Status in 2020

Component Description		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	Terrace Nutri-Garden	2 Cent	150 Kg	7500	4000	>100	>100
Livestock 1	Poultry birds BV380	30Nos.	7500 eggs	45000	32000	275	433.33
Total				52500	36000		500.00

Brief: The farmer used to get Rs.6000 from poultry rearing. She faced problems like lack of knowledge on improved poultry birds and its availability, technical support for setting up of terrace garden with local nutritious crops. With DFI interventions like training, distribution of chicks of poultry birds, supply of quality seeds and planting materials of nutri-crops, she is getting annual income of Rs.36000/-



At her terrace Nutri Garden



At her terrace Nutri Garden



Name of farmer: Reghunathan Nair C

Address: Vilayil Padinjarethil,

Parumala Po 689626

Age: 56

Education: Homeo Diploma

Size of land holding (in acre): 1Acre +2 Acre lease

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	220 Nos.	32 Q	96000	27000
Other enterprise (Specify)	Jeeva Aphid	NA	40 Litre	20000	8000
Production of Bio Pesticides					
Total				116000	35000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	500 Nos.	65 Q	227500	97000	103.12	259.25
Other enterprise (Specify)	Jeeva Aphid/Egg/F	NA	3600 litre	288000	180000	8900	2150
Production of Organic Plant growth promoters	ish Amino Acid						
Total				515500	277000		691.42

Brief: The farmer used to get annual income of Rs.35000/-from banana cultivation and production of Bio Pesticides. He faced problems like lack of awareness on innovative new technologies. With DFI interventions like advisory support and linkages established, he is getting annual income of Rs.277000/-.



Banana Harvest



Bio-Plant growth promoters



Name of farmer: M N Krishnapilla
 Address: Aswathy, Pothady, Peringanad P O
 Age: 87
 Education: BA
 Size of land holding (in acre): 2.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.75Acre	30 Q	90000	29900
Hort. Crop 2	Brinjal	0.2 Acre	20 Q	50300	17500
Other enterprise 1 Apiculture	Indian Honey Bee	50 Nos.	5.6 Q	168000	66900
Other enterprise 2 Fish	Thilapia	0.1 Acre	4 Q	80000	31100
Total				388300	145400

2) Status in 2020

Component Description		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 Acre	97 Q	291000	115300	223	285.6
Hort. Crop 2	Brinjal	0.3 Acre	36 Q	90300	39600	80	126.3
Other enterprise 1 Apiculture	Indian Honey Bee	100 Nos.	11.25 Q	393750	163800	100.9	144.8
Other enterprise 2 Fish	Thilapia	0.15 Acre	7 Q	175000	68425	75	120
Other enterprise 3	Vermicompost	2 Nos.	6 Q	15000	8900	>100	>100
Total				965050	396025		172.36

Brief: The farmer used to get annual income of Rs. 145400 from banana, vegetables, apiculture, fish etc. he faced problems like yield reduction due to secondary and micro nutrient deficiency, productio loss due to pest and disease , marketing etc. With DFI interventions like _Advisory Services, supply of bio inputs, field visit, marketing support etc., he is getting annual income of Rs.396025.



Fish Pond



Vermicompost Unit

Effect of DFI intervention**Name of KVK: Pathanamthitta**

Name of farmer: Anish Kumar
Address: Vrindavanam, Pannyvizha, Adoor P O
Age: 50
Education: Bsc
Size of land holding (in acre): 2.6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1 Acre	44.5 Q	133500	43300
Hort. Crop 2	Cowpea	0.1 Acre	4.8 Q	19200	6900
Field Crop 1	Tapioca	0.4 Acre	24 Q	36000	13680
Total				188700	63880

2) Status in 2020

Component Description		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	2 Acre	126 Q	378000	148200	183	242.3
Hort. Crop 2	Cowpea(2 times)	0.1 Acre	13 Q	52000	21900	170.8	217.4
Field Crop 1	Tapioca	0.5 Acre	36 Q	54000	21200	50	54.97
Other enterprise 1	Milky Mushroom	500 Nos.	2.75 Q	96250	40100	>100	>100
Total				580250	231400		262.24

Brief: The farmer used to get annual income of Rs. 63880 from banana, cowpea, tapioca etc. he faced problems like yield reduction due to secondary and micro nutrient deficiency, production loss due to pest and disease, marketing etc. With DFI interventions like _Advisory Services, supply of bio inputs, field visit, marketing support etc., he is getting annual income of Rs.231400.



Tapioca and Banana field



Banana Field



Name of farmer: Mr. Vijayanpilla

Address: Vijaymushroom, Pandavanpara P.O

Age: 61

Education: BSc

Size of land holding (in acre): 0.8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Mushroom and Spawn)	Milky mushroom	900 beds	4.05 Q	121500	47500
	Oyster Mushroom	700 beds	3.15 Q	94500	37800
	Mushroom spawn	2400 nos.	7.2Q	84000	34500
Total				300000	119800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Mushroom and Spawn)	Milky mushroom	1600 beds	8.4 Q	294000	121200	107.4	155.16
	Oyster Mushroom	1100 beds	6.05 Q	211750	86800	92.1	129.63
	Mushroom spawn	7200 nos.	21.6 Q	324000	138000	200	300.00
Hort. Crop 1	Banana	0.5 Acre	31.8 Q	95400	37500	>100	>100
Total				925150	383500		220.12

Brief: The farmer used to get annual income of Rs. 119800 from Oyster & Milky mushroom and mushroom spawn. He faced problems like Marketing, pest and disease etc. With DFI interventions like Vocational training, Advisory Services, supply of mother spawn, innovative marketing approaches etc., he is getting annual income of Rs 383500.



Mushroom Unit



Spawn Production Unit



Effect of DFI intervention

Name of KVK: Pathanamthitta

Name of farmer: Mr. Varghese Mathew

Address: Kocherikal, Elanthoor P.O

Age: 60

Education: Diploma (Mechanical)

Size of land holding (in acre): 0.6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Apiculture)	Indian Honey bee	40 Nos	3.68 Q	110400	43600
	Dammar bee	20 Nos.	0.04 Q	8000	6250
Hort. Crop 1	Banana	0.5 Acre	21.5 Q	64500	21100
Total				182900	70950

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Apiculture)	Indian Honey bee	130 nos.	14.82 Q	518700	213200	302.7	389
	Dammar bee	45 nos.	0.11 Q	27500	21750	175	248
Live Stock 1	Goat	8	4 Bucks (600 lit. milk) & 4 kids(Sale)	97000	52600	>100	>100
Hort. Crop 1	Banana	0.75 Acre	47.6 Q	142800	56300	121.4	166.8
Total				786000	343850		384.60

Brief: The farmer used to get annual income of Rs. 70950 from Indian bee, Banana etc. He faced problems like Marketing, pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs 343850.



Goat Unit



Apiculture Unit



Name of farmer: Mr. Shaji Thomas

Address: Payattukalayil(H), Keezhuvaipoor P. O, Mallapally

Age: 63

Education: B.Tech.

Size of land holding (in acre): 0.8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Apiculture)	Indian Honey bee	90 nos.	7.29 Q	218700	87100
	Dammar bee	60 nos.	0.12 Q	24000	18800
Total				242700	105900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Apiculture)	Indian Honey bee	175 Nos	16.10 Q	563500	234500	120.85	169.23
	Dammar bee	125 Nos.	0.28 Q	70000	55400	133.33	194.68
Hort. Crop 1	Banana	0.6 Acre	37.5 Q	112500	43700	>100	>100
Total				746000	333600		215.00

Brief: The farmer used to get annual income of Rs. 105900 from indian bee, Fish – Giant Gourami etc. He faced problems like Marketing , pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs 333600.



Banana Field



Apiculture Unit

Effect of DFI intervention**Name of KVK: Pathanamthitta****Name of farmer: Mr. Varghese Abraham****Address: Thayil, Thottapur P. O, Airoor****Age: 56****Education: ITI Civil****Size of land holding (in acre): 0.75****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Apiculture)	Indian Honey bee	50Nos	4.5Q	135000	51600
Total				135000	51600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Apiculture)	Indian Honey bee	140Nos	15.05 Q	526750	217100	234.44	320.7
	Indian Honey bee - Colony selling		50 nos,	60000	22800	>100	>100
Other enterprise (Fish)	Malaysian Vala	0.15 Acre	4.5 Q	90000	34300	>100	>100
Livestock 1	Poultry layers BV 380	250 nos.	50000 no. of eggs and 330kg meat	347900	187900	>100	>100
Total				1024650	462100		795.50

Brief: The farmer used to get annual income of Rs. 51600 from indian bee. He faced problems like Marketing , pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs. 462100.



Fish Unit



Apiculture Unit



Name of farmer: Mr. Jose K T

Address: Kallikkal Puthenveedu, Kalanjoor P.O

Age: 55

Education: Pre Degree

Size of land holding (in acre): 5 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Apiculture)	Indian Honey bee	200 Nos	16.4 Q	492000	193800
	Dammar bee	15 Nos	0.03 Q	6000	4700
Total				498000	198500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Apiculture)	Indian Honey bee	450 Nos	40.95 Q	1433250	574700	149.7	196.5
	Dammar bee	40 Nos.	0.09 Q	23000	18300	200	289.4
	Indian Honey bee - Colony selling	50 Nos.		60000	24900	>100	>100
Other enterprise (Poultry)	Poultry layers BV 380	200 nos.	40000 no. of eggs and 265 kg meat	278300	150300	>100	>100
Total				1794550	768200		287.00

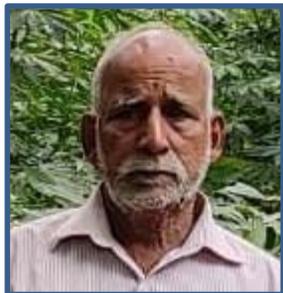
Brief: The farmer used to get annual income of Rs. 198500 from indian bee and dammar bee etc. He faced problems like Marketing, pest and disease, Climate change etc. With DFI interventions like training, Advisory Services, marketing linkages etc., he is getting annual income of Rs. 768200



Poultry Unit



Apiculture Unit



Name of farmer: P.T Purushothaman Nair

Address: Ambu Bhavan, Perumpetty PO,

Age: 64 **Education:** 10th

Size of land holding (in acre): 1

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.3	26.40	79200	10617
Hort. Crop 2	Tuber crops	0.6	67.20	134400	43837
Total		0.9		213600	54454

2) Status in 2020

Component Description		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	Vegetables	0.3	64	256000	141500	142	1232.7
Hort. Crop 2	Tuber crops	0.3	38.40	107520	51940	-	18.48
Livestock 1	Dairy	3	4200	214200	151680	>100	>100
Livestock 2			4 kids @10kg/kid			>100	>100
	Goat	8	Milk 72 L	28200	8088		
Total				605920	353208		548.60

Brief: The farmer used to get annual income of 54454 from vegetables like Yard Long Bean and tuber crops like casava, Tania, etc. He faced problems like poor productivity, wild boar attack etc. With DFI interventions like Front Line Demonstration on use of plastic mulching and water soluble fertiliser application in vegetable cultivation, use of Ecodon as wild boar repellent, cultivation of ginger and scientific feeding and management of dairy cattle, etc., he is getting annual income of Rs 353208.



Ginger crop



Tania crop



Name of farmer: Jose Thomas

Address: Nanangethu House, Varayannoor P.O, Pullad

Age: 61 **Education:** Higher Secondary

Size of land holding (in acre) : 2 acre

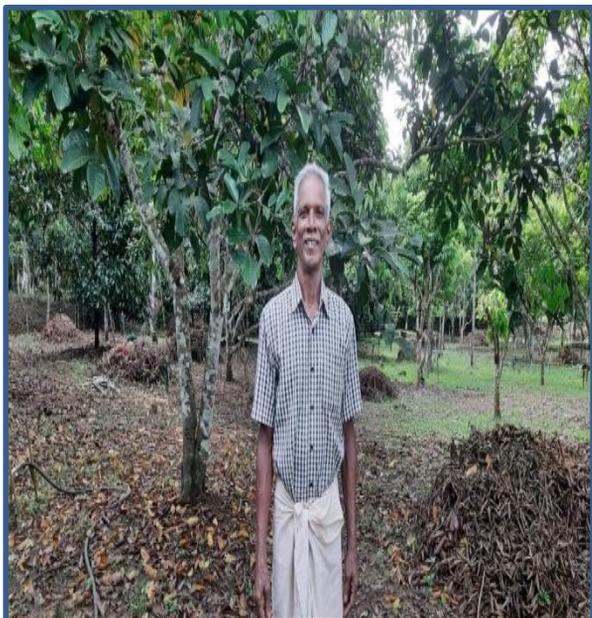
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rambutan	1	10.00	110000	56250
Hort. Crop 2	Mangostein	1	27.00	216000	130500
Total				326000	186750

2) Status in 2020

Component Description		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	Rambutan		30.00	330000	259500	200	361.30
Hort. Crop 2	Mangostein		45.00	405000	294750	66.6	125.80
Total				735000	554250		196.70

Brief: The farmer used to get annual income of 186750 from Fruit plants Rambutan and Mangostein . He faced problems like poor fruit setting , lower fruit size , etc. With DFI interventions like training and Method demonstrations on fruit crop canopy management , Fertiliser management in fruit plants , etc., he is getting annual income of Rs554250.



Rambutan plantation



Mangosteen plantation



Name of farmer: Sreekumar S

Address: Bhakthivilasam, Thuvayoor South P.O, Kadambanad

Age: 51 **Education:** Higher Secondary

Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rubber	2	15.38	135344	52344
Livestock 2	Dairy	2	3920	90160	7060
Total				225504	59404

2) Status in 2020

Component Description		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	Rubber	2	17.00	238000	94000	10.5	79.58
Livestock 1	Dairy	2	5040	241920	146688	28.57	1977.7
Other enterprise (Specify)	Vermicomposting	25	250.00	250000	117500	>100	>100
Total				729920	358188		502.90

Brief: The farmer used to get annual income of 59404 from rubber and Dairy etc. He faced problems like –low productivity, high disease incidence etc. With DFI interventions like Good Feed management practices in dairy, value addition of cow dung and other farm waste through vermicomposting etc., he is getting annual income of Rs 358188



Cross bread cattle



Vermicomposting unit



Name of farmer : Mathew
Address : Vayalilpurayidathill, Vechuchira P.O
Age : 57
Education : Degree
Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	1	126.00	327600	113850
Hort. Crop 2	Banana	1	107.80	344960	188960
Total				672560	302810

2) Status in 2020

Component Description		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	Vegetables	1	216.00	691200	265200	71.42	132.93
Hort. Crop 2	Banana	2	168.00	672000	446200	55.84	136.13
Total				1363200	711400		134.90

Brief: The farmer used to get annual income of 302810/- from vegetables and Banana etc. He faced problems like low productivity , heavy pest incidence etc. With DFI interventions like training on GAP, High density planting , bio intensive pest management etc., he is getting annual income of Rs 711400 .



Banana cultivation



HDP in banana



Name of farmer: E S Joseph

Address: Paradihekkethil, Mundiappally P.O

Age: 69 **Education:** Higher secondary

Size of land holding (in acre) : 0 .5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.2	6.40	15360	5610
Hort. Crop 2	Tuber crops	0.2	15.68	40768	22488
Total				56128	28098

2) Status in 2020

Component Description		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	Fruit Plants	0.4	7.52	82720	63680	>100	>100
Total				82720	63680		126.60

Brief: The farmer used to get annual income of 28068 from Vegetables and Tuber crops etc. He faced problems like poor productivity, low price realization etc. With DFI interventions like training on crop diversification, Canopy management of fruit plants etc., he is getting annual income of Rs 63680.



Nutmeg plants



Mangosteen Plants



Name of farmer: Vinu V Daniel

Address: Thompukuzhiyil, Othara East P.O

Age: 51 **Education:** Degree

Size of land holding (in acre) : 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.5	38.40	107520	36525
Hort. Crop 2	Banana	0.3	21.60	97200	72300
Total				204720	108825

2) Status in 2020

Component Description		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	Vegetables	0.6	95.47	267321	198696	148.6	444.0
Hort. Crop 2	Banana	0.4	30.40	152000	102500	40.74	41.7
Total				419321	301196		176.70

Brief: The farmer used to get annual income of 108825 from vegetable , Banana, etc. He faced problems like low productivity , high cost of production, water shortage, etc. With DFI interventions like training on drip Fertigation , method demonstration on the use of plastic mulching etc., he is getting annual income of Rs301196. In addition, there is cost saving of Rs. 2375 in the production of vegetables.



Bitter gourd under drip Fertigation



Okra crop under drip Fertigation



Name of farmer: Vijayan Kallungal

Address: Palliparambil., Kallungal P.O

Age: 62 Education: 10th Class

Size of land holding (in acre): 2.12

1) 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	Vegetables	1	90.80	263320	99320
Total			90.80	263320	99320

2) Status in 2020

Component Description		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	Vegetables	2	232.00	742400	373200	155.5	275.7
Total			232.00	742400	373200		275.7

Brief: The farmer used to get annual income of 99320 from Vegetables . He faced problems like heavy incidence of pest and disease, low productivity etc. With DFI interventions like bio intensive pest and disease Management, Application of Arka Vegetable special , training on use of Hybrid seeds etc., he is getting annual income of Rs 373200.



Demonstration on IPDM



Coccinia Field



Name of farmer: T. M Abraham

Address: Thannickal, Vallikkala , Kurungazha P.O

Age:61 **Education:** Degree

Size of land holding (in acre) :3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	1.5	157.50	456750	222150
Hort. Crop 2	Banana	1.5	89.25	312375	142375
Hort. Crop 3	Tuber crops	0.5	85.25	144925	94925
Total				914050	459450

2) Status in 2020

Component Description		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	Vegetables	1.5	228	661200	449000	44.7619	102.11
Hort. Crop 2	Banana	1.5	120.7	507150	319150	35.29412	124.16
Hort. Crop 3	Tuber crops	1	162.5	325000	206750	90.61584	117.85
Total				1493350	974900		112.18

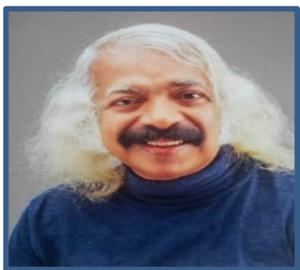
Brief: The farmer used to get annual income of 459450 from Vegetables, banana and tuber crops etc. He faced problems like low productivity, poor price realization, Heavy incidence of pest and diseases etc. With DFI interventions like OFT on bio intensive pest management, training on nutrient management, use of hybrid seeds etc., he is getting annual income of Rs 974900.



Nendran Harvest



Nendran Banana plantation



Name of farmer: M. M Abraham

Address: Mannekattil , Kuriyannor

Age:65 **Education:** Degree

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Tuber crops	0.5	28.00	67200	15325
Total		0.5	28.00	67200	15325

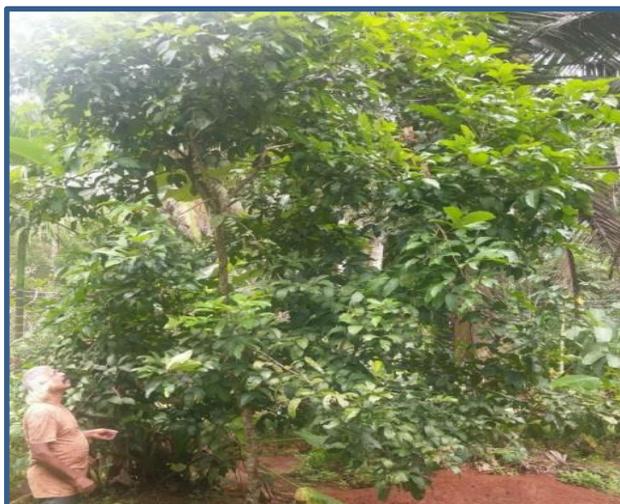
2) Status in 2020

Component Description		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	Tuber crop	1.25	125.00	325000	171250	346.42	1017.40
Hort. Crop 2	Rambutan	0.5	7.92	87120	43496	>100	>100.00
Total		1.75		412120	214746		1301.20

Brief: The farmer used to get annual income of 15325 from Tuber crops . He faced problems like high cost of cultivation, poor productivity , poor profitability etc. With DFI interventions like demonstration on mini setts, soil test based nutrient application, crop diversification etc., he is getting annual income of Rs 214746.



Tania Crop



rambutan plantation



Name of farmer : Mr Thomas KP
Address : Kuzhikandathil, Kizhakumbhagam P.O
 Niranam, Pathanamthitta Dist
Age : 58
Education : PDC, ITI
Size of land holding (in acre): 2.Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Rice	1.8	19.6 Q	51,744	30800
Hort. Crop 2	Coconut	0.2	816 No	14,688	13200
Total		2	67,824	66432	44000

2) Status in 2020

Component Description		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	Rice	1.8	37.8 Q	1,07,352	72,252	92.85	134.60
Hort. Crop 2	Coconut	0.2	912No	20,064	16,500	11.7	25.00
Total				1,27,416	88,752		168.60

Brief: The farmer used to get annual income of Rs. 44000 from, rice, and coconut. He faced problems like, severe weedy rice in rice field ,pest in rice pest and disease in coconut , etc. With DFI interventions like FLD in rice on weedy rice FFS in coconut adopting IPM and INM practice , training , he is getting annual income of Rs 88,752. In addition, there is cost saving of hand weeding of Rs.8,500 in rice farming.



Farmer with weed wiper



Farmer in his paddy field