



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

Name of farmer: Satheesh kumar

Address: Anjanam, Kalayapuram

Kerala

Age: 55

Education: High School

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	Cowpea	0.05	2.205	9041	3281
Hort. Crop 2	Banana	0.125	7.875	23625	10750
Hort. Crop 3	Bhindi	0.05	1.875	4688	2274
Total				37354	16305

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.05	2.66	13300	6800	20.63	107.25
Hort. Crop 2	Banana	0.125	12.5	43750	21875	58.73	103.49
Hort. Crop 3	Bhindi	0.05	2.146	7511	5090	14.45	123.83
Total		0.225	17.306	64561	33765		107

Brief: The farmer used to get annual income of Rs.16305 from Cowpea, Banana, Bhindi, etc. He faced problems like Pest and diseases, Lack of awareness of HYV, micronutrients etc. With DFI interventions like Specific advisories, Awareness program ,Training etc., he is getting annual income of Rs 33765.



Cultivation of Cowpea



Cultivation of Bhindi



Effect of DFI intervention Name of KVK: Kollam

Name of farmer: Sreekumar K G

Address: Radha mandiram, Kalayapuram

Kerala

Age: 55

Education: High School

Size of land holding (in acre): 0.9 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.05	3.15	9450	4300
Hort. Crop 2	Bitter gourd	0.025	0.9	3600	720
Tuber crops	Tania	0.05	2.65	10500	4750
Total		0.125	6.7	23550	9770

2) Status in 2020

Component Description		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	5.0	17500	8750	58.73	103.49
Hort. Crop 2	Bitter gourd	0.025	1.1	5513	1513	22.22	110.14
Tuber crops	Tania	0.05	4	18006	10706	50.94	125.39
Total		0.125	10.1	41019	20969		114.53

Brief: The farmer used to get annual income of Rs. 9770 from Banana, Bitter gourd, Tania, etc. He faced problems like Nutrient imbalance, Pest and diseases, etc. With DFI interventions like Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 20969.



Cultivation of Bitter gourd



Cultivation of Banana



Effect of DFI intervention **Name of KVK: Kollam**
Name of farmer: Ajitha Divakaran
Address: Ajithalayam, Kalayapuram
Kerala
Age: 52
Education: Pre degree
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	Cowpea	0.025	1.1475	4590	1840
Hort. Crop 2	Banana	0.05	2.7	8100	2950
Tuber Crop 1	Tapioca	0.025	5.52	8832	7207
Tuber Crop 2	Tania	0.025	1.3875	5550	2975
Total		0.125	10.755	27072	14972

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.025	1.3775	6888	3733	20.04	102.88
Hort. Crop 2	Banana	0.05	3.42	14022	7234	26.67	145.22
Tuber Crop 1	Tapioca	0.025	6.7375	16844	15044	22.06	108.74
Tuber Crop 2	Tania	0.025	2.1375	9619	6469	54.05	117.45
Total		0.125	13.6725	47372	32479		116.94

Brief: The farmer used to get annual income of Rs. 14972 from Banana, Cowpea, Tania, Tapioca etc. He faced problems like Nutrient imbalance (Calcium deficiency in Banana), Pest and diseases (Pot borer in Cowpea), etc. With DFI interventions like Change in local varieties to improved varieties of CTCRI Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 32479.



Cultivation of Banana



Cultivation of Cowpea



Effect of DFI intervention

Name of KVK: Kollam

Name of farmer: Gopinathan Pillai

Address: Ikkara Padinjattathil,

Kalayapuram PO

Kerala

Age: 57

Education: SSLC

Size of land holding (in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Bitter gourd	0.15	6.48	32400	16950
Hort. Crop 2	Bhindi	0.1	3.125	8750	3923
Hort. Crop 3	Amaranthus	0.1	2.6	5720	2720
Tuber crop 1	Tapioca	0.4	61.44	98304	72304
Total				145174	95897

2) Status in 2020

Component Description		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	0.15	9	54000	34200	38.89	101.77
Hort. Crop 2	Bhindi	0.1	3.78	13230	8370	20.96	113.36
Hort. Crop 3	Amaranthus	0.1	3	9000	5700	15.38	109.56
Tuber crop 1	Tapioca	0.4	77	192500	163700	25.33	126.41
Total				268730	211970		121.04

Brief: The farmer used to get annual income of Rs.95897 from Bittergourd, Bhindi, Amaranthus, Tapioca etc. He faced problems like Nutrient imbalance, Pest and diseases (Fruit fly in Bittergourd), etc. With DFI interventions like promoting high yielding and resistance varieties, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.211970.



Cultivation of Bittergourd



Cultivation of Bhendi



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

Name of farmer: JOHNKUTTY

Address: Milan Nivas, Inchakkadu, Mylom, P O

Kerala

Age: 60

Education: SSLC

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.)
Hort. Crop 1	Cowpea	0.025	1.1025	4410	1660
Hort. Crop 2	Banana	0.2	12.6	37800	17200
Total		0.225	13.7025	42210	18860

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.025	1.35375	6769	3614	22.73	118
Hort. Crop 2	Banana	0.2	15.2	62320	35167	20.63	104.5
Total		0.225	16.55375	69089	38781		105.63

Brief: The farmer used to get annual income of Rs.18860 from Cowpea, Banana etc. He faced problems like Nutrient imbalance, Pest and diseases (Leaf spot in Banana), etc. With DFI interventions like Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 38781.



Cultivation of Banana



Cultivation of Cowpea



Effect of DFI intervention

Name of KVK: Kollam

Name of farmer: Sajithakumari

Address: Radhakrishnavilasom, Anthamon, Kalayapuram PO

Kerala

Age: 55

Education: Pre degree

Size of land holding (in acre): 0.625

1) 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	3.06	9180	4030
Hort. Crop 2	Amaranthus	0.025	0.65	1430	680
Tuber crop1	Tapioca	0.05	11.04	17664	14414
Total				28274	19124

2) Status in 2020

Component Description		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	3.705	15191	8402	21	108.5
Hort. Crop 2	Amaranthus	0.025	0.75	2250	1425	15	109.56
Tuber crop1	Tapioca	0.05	13.475	33688	30088	22	109
Total				51129	39915		108.72

Brief: The farmer used to get annual income of Rs.19124 from Banana, Amaranthus, Tapioca etc. He faced problems like Nutrient imbalance (Calcium deficiency in Banana), Pest and diseases etc. With DFI interventions like Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 39915.



Cultivation of Banana



Cultivation of Bhindi



Effect of DFI intervention **Name of KVK: Kollam**
Name of farmer: Vijayan
Address: Ullas Bhavan, Kalayapuram P O
Kerala
Age: 51
Education: High School
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	Bhindi	0.15	4.6875	13125	5885
Hort. Crop 2	Banana	0.15	9.45	28350	12900
Other	Amorphopha	0.1	13.34	33350	19098
Tuber crop 1	llus				
Tuber crop 2	Tania	0.1	5.55	22200	11900
Total		0.5	33.0275	97025	49783

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Bhindi	0.15	5.67	19845	12555	21.0	113.0
Hort. Crop 2	Banana	0.15	11.4	46740	26375	20.63	104.5
Other	Amorphophallus	0.1	22.05	57330	41653	65.0	118.0
Tuber crop1							
Tuber crop 2	Tania	0.1	8.55	38475	25875	54.0	117.0
Total		0.5	47.67	162390	106458		113.84

Brief: The farmer used to get annual income of Rs.49783 from Banana, Bhindi, Tania, Amorphopallus etc. He faced problems like Nutrient imbalance, Pest and diseases (Downy mildew in Bhindi), etc. With DFI interventions like Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 106458.



Cultivation of Banana



Cultivation of Amorphophallus



Effect of DFI intervention Name of KVK: Kollam

Name of farmer: GOPALAKRISHNAN. V

Address: Chamakkalakkuzhi, Peringulam P O

Kakkadu. 691560

Kerala

Age: 50

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	Cowpea	0.15	6.885	27540	11040
Hort. Crop 2	Banana	0.7	44.1	132300	60200
Hort. Crop 3	Bitter gourd	0.1	4.32	21600	11300
Hort. Crop 4	Bhindi	0.025	0.78125	2188	981
Total				183628	83521

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.15	8.265	41325	22395	20.04	102.85
Hort. Crop 2	Banana	0.7	53.2	218120	123085	20.63	104.46
Hort. Crop 3	Bitter gourd	0.1	6	36000	22800	38.89	101.77
Hort. Crop 4	Bhindi	0.025	0.945	3308	2093	20.96	113.35
Total				298753	170373		103.99

Brief: The farmer used to get annual income of Rs.83521 from Banana, Bhindi, Bittergourd, Cowpea etc. He faced problems like Nutrient imbalance, Pest and diseases (Leaf spot in Banana), etc. With DFI interventions like promoting high yielding and resistance varieties , Training, Awareness programs, Advisories etc., he is getting annual income of Rs. 170373.



Cultivation of Bitter gourd



Cultivation of Banana



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

Name of farmer: Jayakumari R

Address: Karippal Kizakkathil, Anayadi

Kerala

Age: 52

Education: SSLC

Size of land holding (in acre):0.93

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Rice	0.525	7.46	20974	6158
Hort.crop 1	Banana	0.1	6.39	19170	8870
Other	Amorphopha	0.02	3.2	8000	5150
Tuber Crop 1	llus				
Tuber Crop 2	Tapioca	0.1	15.36	24576	18076
Total				72720	38254

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Rice	0.525	9.45	31133	14835	26.68	140.91
Hort.crop 2	Banana	0.1	7.79	31939	18363	21.91	107.02
Tuber Crop 1	Amorphophallus	0.02	5.18	13468	10333	61.88	100.64
Tuber Crop 2	Tapioca	0.1	19.25	48125	40925	25.33	126.41
Total				124665	84456		120.78

Brief: The farmer used to get annual income of Rs.38254 from Rice, Banana, Amorphophallus, Tapioca etc. He faced problems like Sigatoka leaf spot in Banana, rice bug in paddy etc. With DFI interventions like OFT, FLD, Training, Advisories etc., he is getting annual income of Rs. 84456.



Cultivation of Banana



Cultivation of Amorphophallus



Effect of DFI intervention **Name of KVK: KVK KOLLAM**
Name of farmer: R. Mohanan Pillai
Address: MangalathuVeedu, Kalayapuram
Kerala
Age: 58
Education: 8th Standard
Size of land holding (in acre): 0.3975

1) 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	0.202	9.79	29376	8545
Hort. Crop 2	Bitter gourd	0.1	4.5	22500	12200
Others	Ginger	0.05	7.572	49218	43218
Total		0.352	21.862	101094	63963

2) Status in 2020

Component Description		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	0.202	11.63	47689	20230	19	137.0
Hort. Crop 2	Bitter gourd	0.1	6.63	39780	26580	47	118.0
Others	Ginger	0.05	9.92	99200	92550	31.01	114.0
Total		0.352	28.18	186669	139360		117.88

Brief: The farmer used to get annual income of Rs. 63963 from Banana, Bittergourd, Ginger etc. He faced problems like pseudostem weevil in Banana, fruit flies in bittergourd etc. With DFI interventions like OFT, FLD, Awareness programs, Advisories etc., he is getting annual income of Rs.139360 .



Cultivation of Ginger



Cultivation of Banana



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: N Podiyan

Address: Kuzhivila Veedu, Kalayapuram

Kerala

Age: 72

Education: 7th Standard

Size of land holding (in acre): 0.6068

1) 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	0.202	11.28	33832	13001
Hort. Crop 2	Cowpea	0.101	3.94	15796	4686
Tuber crop 1	Tania	0.12125	6.28	25123	12634
Others	Ginger	0.101	14.24	106823	94703
Total				181574	125024

2) Status in 2020

Component Description		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	0.202	14.54	59635	32176	28.90	147.49
Hort. Crop 2	Cowpea	0.101	4.83	24159	11413	22.59	143.56
Tuber crop 1	Tania	0.121	9.82	44196	28918	56.37	128.89
Others	Ginger	0.101	17.89	205756	192323	25.63	103.08
Total				333746	264831		111.82

Brief: The farmer used to get annual income of Rs. 125024 from Banana, Cowpea, Tania, Ginger etc. He faced problems like rhizome weevil in Banana, Pod borer in Cowpea, etc. With DFI interventions like FLD, FFS organic vegetable, Advisories etc., he is getting annual income of Rs.264831.



Cultivation of Ginger



Cultivation of Banana



Effect of DFI intervention **Name of KVK: KVK KOLLAM**
Name of farmer: Pradeep Kumar S
Address: Maya Bhavanam, Anayadi Po Sooranad
Kerala
Age: 40
Education: SSLC
Size of land holding (in acre): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.5	33.5	95375	24825
Hort. Crop 1	Banana	0.15	8.87	28397	12947
Hort. Crop 2	Cowpea	0.1	4.23	16928	5928
Tuber Crop 1	Tapioca	0.1	16.64	26624	20224
Tuber Crop 2	Tania	0.05	3.96	15048	9898
Tuber Crop 2	Amorphophallus	0.2	23.68	59200	30696
Others	Ginger	0.05	7.051	52883	46883
Others	Turmeric	0.05	14.14	42424	38924
Total		3.2	112.071	336879	190325

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2.5	41.5	138275	60670	23.88	144.39
Hort. Crop 1	Banana	0.15	11.058	49761	29396	24.67	127.05
Hort. Crop 2	Cowpea	0.1	5.044	25220	12600	19.24	112.55
Tuber Crop 1	Tapioca	0.1	25.2	63000	55700	51.44	175.42
Tuber Crop 2	Tania	0.05	5.945	26753	20453	50.13	106.64
Tuber Crop 2	Amorphophallus	0.2	35.52	106560	75206	50.00	145.00
Others	Ginger	0.05	8.73	100447	93797	23.81	100.07
Others	Turmeric	0.05	16.45	82290	78590	16.34	101.91
Total		3.2	149.447	592306	426412		124.04

Brief: The farmer used to get annual income of Rs.190325 from Rice, Banana, Cowpea, Tania, Tapioca, Amorphophallus, Ginger, Turmeric etc. He faced problems like Poor nutrient management, Soil acidity, etc. With DFI interventions like FLD on elite varieties of Tapioca (Sreepavithra), Amorphophallus (Gajendra), Pulses(DC-15) etc., he is getting annual income of Rs. 426412.



Cultivation of Tapioca



Cultivation of turmeric



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

Name of farmer: Prasanna Kumar
Address: Elavakkattu Kizakku, Anayadi
Kerala
Age: 59
Education: SSLC
Size of land holding (in acre): 2.75

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.5	20.4	57900	15570
Field Crop 2	Green gram	0.252	0.265	1723	461
Hort. Crop 1	Banana	0.3	15.75	47259	16359
Hort. Crop 2	Tapioca	0.1	16.065	25704	19304
Hort. Crop 2	Tania	0.25	19.95	75810	50060
Others	Ginger	0.1	16.43	123240	111240
Others	Turmeric	0.1	25.96	77884	70884
Total		2.602	114.82	409520	283878

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	23.7	79545	32982	16.18	111.83
Field Crop 2	Green gram	0.252	0.391	3327	1736	47.55	276.57
Hort. Crop 1	Banana	0.3	18.43	82944	42215	17.02	158.05
Hort. Crop 2	Tapioca	0.1	24.495	61238	53938	52.47	179.41
Hort. Crop 2	Tania	0.25	31.78	142988	111488	59.30	122.71
Others	Ginger	0.1	21.93	252234	238934	33.48	114.79
Others	Turmeric	0.1	30.15	150753	143353	16.14	102.24
Total		2.602	150.876	773029	624646		120.04

Brief: The farmer used to get annual income of Rs.283878 from Rice, Greengram, Banana, Tania, Tapioca, Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, pulse, soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 624646.



Cultivation of Tapioca



Cultivation of rice



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Ramachandran Pillai

Address: Akhil Nivas, Vendar, Kottarakkara

Kerala

Age: 59

Education: SSLC

Size of land holding (in acre): 0.5665

1) 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	0.202	11.443	34330	13498
Hort. Crop 2	Bhindi	0.15	6.3	17640	10400
Hort. Crop 3	Bittergourd	0.1	3.6	18000	7700
Hort. Crop 4	Tomato	0.06	9.75	39000	12000
Total				108970	43598

2) Status in 2020

Component Description		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	0.202	13.834	56719	29261	20.89	116.78
Hort. Crop 2	Bhindi	0.15	8.708	30476	23186	38.22	122.94
Hort. Crop 3	Bittergourd	0.1	5.4	29700	16500	50.00	114.29
Hort. Crop 4	Tomato	0.06	11.273	57490	27490	15.62	129.08
Total				174385	96437		121.20

Brief: The farmer used to get annual income of Rs.43598 from Banana, Bhendi, Tomato, Bitter gourd etc. He faced problems like Nutrient imbalance (Calcium deficiency in Banana), Pest and diseases (Pot borer in Cowpea), etc. With DFI interventions like Change in local varieties to improved varieties of CTCRI OFT, FLD, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.96437.



Cultivation of Bitter gourd



Cultivation of Bhendi



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Reshma Rajesh

Address: Valiya Vilayil, Anayadi PO Sooranad

Kerala

Age: 25

Education: Plus Two

Size of land holding (in acre): 0.225

1) 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	0.1	5.376	17203	6903
Tuber Crop1	Tapioca	0.05	8.64	13824	10624
Tuber Crop 2	Tania	0.02	1.520	5778	3718
Tuber Crop 3	Amorphophallus	0.02	2.876	7197	4341
Others	Turmeric	0.02	5.67	17010	15610
Total				61012	41196

2) Status in 2020

Component Description		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	0.1	6.72	30222	16646	25.00	141.14
Tuber Crop1	Tapioca	0.05	11.9	29750	26100	37.73	145.67
Tuber Crop 2	Tania	0.02	2.3896	10753	8233	57.21	121.44
Tuber Crop 3	Amorphophallus	0.02	4.374	13121	9985	52.09	130.02
Others	Turmeric	0.02	6.58	32916	31436	16.05	101.38
Total				116762	92400		124.29

Brief: The farmer used to get annual income of Rs.41196 from Banana, Turmeric, Tania, Amorphophallus, Tapioca etc. She faced problems like poor soil nutrient and soil acidity, imbalanced fertilizer application, unaware about the organic farming techniques, non availability of elite planting materials of tuber crops and pest and disease incidence etc. With DFI interventions KVK elite varieties (like Gajendra, Sreepavithra) through FLD, Capacity development programs, balanced use of fertilizers, soil health management, proper advisories on pest and disease management, deficiency disorders etc., he is getting annual income of Rs. 92400.



Cultivation of Turmeric



Cultivation of Amorphophallus



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Sindhu S

Address: Sindhu Bhavan
, Kollam

Age: 51

Education: Degree

Size of land holding (in acre): 1.52

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.2	10.556	31668	11068
Hort. Crop 2	Bhindi	0.3	11.1	31080	16599
Hort. Crop 3	Cowpea	0.03	1.173	4692	1392
Tuber Crop 1	Amorphophallus	0.2	30.36	75900	47396
Tuber Crop 2	Tania	0.2	8.64	34560	13960
Others	Ginger	0.15	21.769	141502	123502
Total		1.08	83.598	319402	213917

2) Status in 2020

Component Description		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	0.2	12.672	51955	24802	20.05	124.09
Hort. Crop 2	Bhindi	0.3	15.795	55283	40703	42.30	145.21
Hort. Crop 3	Cowpea	0.03	1.435	7176	3390	22.34	143.53
Tuber Crop 1	Amorphophallus	0.2	49.848	129605	98250	64.19	107.30
Tuber Crop 2	Tania	0.2	13.76	61920	36720	59.26	163.04
Others	Ginger	0.15	26.754	267540	247590	22.90	100.47
Total		1.08	120.264	573479	451455		111.04

Brief: The farmer used to get annual income of Rs.213917 from Banana, Bhindi, Cowpea, Amorphophallus, Tania, Ginger etc. He faced problems like fusarium wilt in Banana, wilt diseases in Cowpea, etc. With DFI interventions like FFS, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.451455.



Cultivation of Amorphophallus



Cultivation of Ginger

Effect of DFI intervention**Name of KVK: KVK KOLLAM****Name of farmer: Sindhu G****Address: R K Nivas, Anayadi Po Sooranad North****Kerala****Age: 41****Education: Pre Degree****Size of land holding (in acre): 3.25****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.)
Field Crop 1	Rice	1.5	20.25	57563	15233
Field Crop 2	Blackgram	0.5	0.45	2700	200
Field Crop 3	Green Gram	0.5	0.53	3413	913
Field Crop 4	Grain Cowpea	0.25	0.245	1348	98
Field Crop 5	Sesamum	0.125	0.13	1560	548
Tuber Crop 1	Tapioca	0.1	16.83	26928	20528
Tuber Crop 2	Tania	0.05	3.885	14763	9613
Tuber Crop 3	Amorphophallus	0.05	8.015	20036	12910
Others	Ginger	0.05	7.257	54424	48424
Others	Turmeric	0.05	12.011	36035	32535
Total				218770	141002

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	23.25	78263	31700	14.81	108.10
Field Crop 2	Blackgram	0.5	0.51	3570	420	13.33	110.00
Field Crop 3	Green Gram	0.5	0.83	7013	3863	56.60	323.11
Field Crop 4	Grain Cowpea	0.25	0.3	1950	375	22.45	282.65
Field Crop 5	Sesamum	0.125	0.19	2755	1543	46.15	181.57
Tuber Crop 1	Tapioca	0.1	24.85	62125	54825	47.65	167.07
Tuber Crop 2	Tania	0.05	5.88	26460	20160	51.35	109.72
Tuber Crop 3	Amorphophallus	0.05	11.385	34155	26316	42.05	103.84
Others	Ginger	0.05	9.368	107737	101087	29.09	108.75
	Turmeric	0.05	14.09	70455	66755	17.31	105.18
Total				394483	307044		117.76

Brief: The farmer used to get annual income of Rs.141002 from Rice ,Blackgram, Green gram, Grain Cowpea, Sesamum,Tania, Tapioca, Amorphophallus, Ginger, Turmeric etc. He faced problems like non availability of high yielding varieties of Rice, Pulse, Tapioca, unscientific use of fertilizers (Rice) nutrient deficiency disorders(Tania)etc. With DFI interventions like capacity development programmes on scientific production technologies for various crops soil health management, diagnostic field visit and FLDs etc., he is getting annual income of Rs. 307044 .



Cultivation of Paddy



Cultivation of Grain cowpea



Effect of DFI intervention

Name of farmer: Sreeja

Address: Puthenpurayil, Anayadi

Kerala

Age: 42

Education: BA

Size of land holding (in acre):0.526

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Rice	0.202	2.892	8125	2418
Field Crop 2	Blackgram	0.101	0.095	522	17
Hort. Crop 1	Cowpea	0.101	4.363	17453	6343
Tuber Crop 1	Amorphophallus	0.0505	9.524	23811	16613
Tuber Crop 2	Tapioca	0.0505	9.586	15339	12107
Total		0.505	26.46	65250	37498

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Rice	0.20225	3.68	12109	5830	27.25	141.11
Field Crop 2	Blackgram	0.101	0.103	690	54	8.42	217.65
Hort. Crop 1	Cowpea	0.101	5.18	25907	13160	18.73	107.47
Tuber Crop 1	Amorphophallus	0.0505	16.64	43282	35365	74.72	112.88
Tuber Crop 2	Tapioca	0.0505	12.57	31449	27762	31.13	129.31
Total		0.50525	38.173	113437	82171		119.13

Brief: The farmer used to get annual income of Rs. 37498 from Rice, Blackgram, Cowpea, Amorphophallus, Tapioca etc. He faced problems like Mosaic disease in Tapioca, sucking pest in Cowpea etc. With DFI interventions like OFT,FLD, Training, Advisories etc., he is getting annual income of Rs.82171.



Cultivation of rice



Cultivation of Amorphophallus



Effect of DFI intervention

Name of KVK: Kollam

Name of farmer: Abhilash Kumar S S

Address: Madappallil Veedu, Alayamon P O,
Anchal

Age: 38

Education: Btech

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	Cowpea	0.1	3.906	15624	4624
Hort. Crop 2	Banana	0.2	11.256	36019	15419
Hort. Crop 3	Bittergourd	0.05	1.763	8815	3665
Hort. Crop 4	Bhindi	0.1	4.176	11693	6866
Hort. Crop 5	Tomato	0.1	6.3	25200	7200
Tuber Crop 1	Tapioca	0.2	46.883	75012	62212
Tuber Crop 2	Amorphophallus	0.1	14.84	37100	22848
Total				209463	122834

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.1	4.896	24480	11860	25.35	156.49
Hort. Crop 2	Banana	0.2	13.65	61425	34272	21.27	122.27
Hort. Crop 3	Bittergourd	0.05	2.821	15516	8916	60.01	143.27
Hort. Crop 4	Bhindi	0.1	5.805	20318	15458	39.01	125.14
Hort. Crop 5	Tomato	0.1	7.222	36830	16830	14.63	133.75
Tuber Crop 1	Tapioca	0.2	62.9	157250	142650	34.16	129.30
Tuber Crop 2	Amorphophallus	0.1	23.808	71424	55747	60.43	143.99
Total				387243	285733		132.62

Brief: The farmer used to get annual income of Rs. 122834 from Banana, Bittergourd, Cowpea, Bhindi, Tomato, Tapioca, Amorphophallus etc. He faced problems like bacterial wilt in Tomato, Sucking pest attacks in vegetables etc. With DFI interventions like Awareness programs, Advisories etc., he is getting annual income of Rs.285733.



Cultivation of Amorphophallus



Cultivation of Banana



Effect of DFI intervention

Name of Farmer: **Allchan**

Address: Palavila Veedu, Perumkulam,
Kottarakkara

Kerala

Age: **61**

Education: **5th Standard**

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

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cowpea	0.3	12.69	50760	17760
Hort. Crop 2	Banana	1	59.34	189888	86888
Hort. Crop 3	Bittergourd	0.2	7.128	35640	15040
Hort. Crop 4	Bhindi	0.05	2.024	5667	3254
Total				281955	122942

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.3	15.444	77220	39360	21.70	121.62
Hort. Crop 2	Banana	1	72.68	327060	191296	22.48	120.16
Hort. Crop 3	Bitter gourd	0.2	11.224	61732	35332	57.46	134.92
Hort. Crop 4	Bhindi	0.05	2.808	9828	7398	21.70	121.62
Total				475840	273386		122.37

Brief: The farmer used to get annual income of Rs.122942 from Banana, Bittergourd, Cowpea, Bhindi etc. He faced problems like sigatoka incidence in Banana and fusarium wilt in cowpea etc. With DFI interventions like Training, Awareness programs, Advisories etc., he is getting annual income of Rs.273386.



Cultivation of Cowpea



Cultivation of Banana



Effect of DFI intervention

Name of KVK: Kollam

Name of farmer: Ajayakumar

Address: Krishna Vilasam, Anayadi P O, Sooranad North

Kerala

Age: 54

Education: Graduation

Size of land holding (in acre): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2	27	77020	20560
Field Crop 2	Black gram	0.2	0.18	1080	80
Field Crop 3	Grain Cowpea	0.2	0.20	1129	129
Field Crop 4	Sessamum	0.15	0.16	1969	754
Hort. Crop 1	Coconut	0.4	10.18	20352	3952
Hort. Crop 2	Banana	0.1	5.76	18438	8138
Hort. Crop 3	Bittergourd	0.025	0.94	4715	2140
Hort. Crop 4	Bhindi	0.1	4.58	12813	7986
Tuber Crop 1	Tania	0.015	1.25	4759	3214
Tuber Crop 2	Amorphophallus	0.02	2.97	7420	4569
Others	Ginger	0.05	8.98	67326	61326
	Turmeric	0.05	15.21	45619	42119
Total				262640	154967

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2	33.60	112432	50328	24.44	144.79
Field Crop 2	Blackgram	0.2	0.21	1435	175	16.67	118.75
Field Crop 3	Grain Cowpea	0.2	0.24	1608	348	20.00	169.77
Field Crop 4	Sessamum	0.15	0.23	3419	1964	43.75	160.48
Hort. Crop 1	Coconut	0.4	11.60	29000	11200	13.95	183.40
Hort. Crop 2	Banana	0.1	7.07	31806	18230	22.74	124.01
Hort. Crop 3	Bittergourd	0.025	1.43	7843	4543	52.13	112.29
Hort. Crop 4	Bhindi	0.1	6.29	22026	17166	37.34	114.95
Tuber Crop 1	Tania	0.015	1.92	8642	6752	53.60	110.08
Tuber Crop 2	Amorphophallus	0.02	4.48	13446	10310	50.84	125.65
Others	Ginger	0.05	12.47	143380	136730	38.86	122.96
Others	Turmeric	0.05	18.62	93076	89376	22.42	112.20
Total				468113	347122		124.00

Brief: The farmer used to get annual income of Rs.154967 from Rice, Black gram, Sessamum, Grain cowpea, Banana, Bittergourd, Coconut, Tania, Tapioca, Turmeric etc. He faced problems like non availability of high yielding varieties of Rice, Pulse, vegetables, unscientific use of fertilizers (Rice) nutrient deficiency disorders etc. With DFI interventions like OFT, FLD, CFLD and capacity development programmes on scientific production technologies etc., he is getting annual income of Rs. 347122.



Cultivation of Bittergourd



Cultivation of Turmeric



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

Name of farmer: Basheer Ravuther

Address: Kodyavila Veedu, Kummil P O

Kerala

Age: 51

Education: SSLC

Size of land holding (in acre): 2

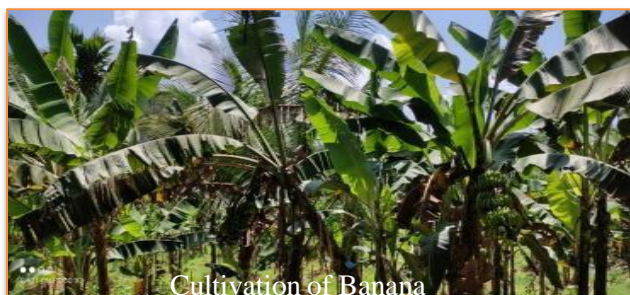
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Black gram	0.1	0.12	660	160
Field Crop 2	Green gram	0.1	0.109	763	263
Field Crop 3	Grain Cowpea	0.1	0.115	690	190
Hort. Crop 1	Cowpea	0.02	0.810	3238	1038
Hort. Crop 2	Banana	0.07	39.984	127949	55849
Hort. Crop 3	Amaranthus	0.02	0.536	1179	579
Tuber Crop 1	Amorphophallus	0.1	16.188	40470	26218
Total				174949	84297

2) Status in 2020

Component Description		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	Black gram	0.1	0.15	1050	420	25.00	162.50
Field Crop 2	Green gram	0.1	0.142	1207	577	30.28	119.39
Field Crop 3	Grain Cowpea	0.1	0.15	1200	570	30.43	200.00
Hort. Crop 1	Cowpea	0.02	0.998	4992	2468	23.21	137.76
Hort. Crop 2	Banana	0.07	47.656	214452	119417	19.19	113.82
Hort. Crop 3	Amaranthus	0.02	0.608	1824	1164	13.43	101.04
Tuber Crop 1	Amorphophallus	0.1	23.952	71856	56179	47.96	114.28
Total				296581	180795		114.47

Brief: The farmer used to get annual income of Rs.84297 from Black gram, Green gram, Grain cowpea, Cowpea, Banana, Amaranthus, Amorphophallus etc. He faced problems like soil acidity, imbalanced fertilizer application, unaware about the organic farming techniques etc. With DFI interventions like FLD, OFT, CFLD, PKVY, Swachhta Action Plan, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.180795.



Cultivation of Banana



Cultivation of Amaranthus



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

Name of farmer: Basheerudeen A

Address: Thushara, Kummil P.O,

Kerala

Age: 70

Education: MA

Size of land holding (in acre): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Black gram	0.2	0.196	1078	78
Field Crop 2	Green gram	0.2	0.218	1526	526
Field Crop 3	Grain Cowpea	0.1	0.098	539	39
Hort. Crop 1	Cowpea	0.02	0.893	3571	1371
Hort. Crop 2	Banana	2	108	344064	138064
Hort. Crop 3	Bittergourd	0.02	0.808	4042	1982
Tuber Crop 1	Amorphophallus	0.1	16.15	40375	26123
Others	Turmeric	0.3	89.309	267928	246928
Total			215.672	663123	415111

2) Status in 2020

Component Description		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	Black gram	0.2	0.212	1420	160	8.16	105.13
Field Crop 2	Green gram	0.2	0.278	2363	1103	27.52	109.70
Field Crop 3	Grain Cowpea	0.1	0.11	715	85	12.24	117.95
Hort. Crop 1	Cowpea	0.02	1.058	5292	2768	18.48	101.90
Hort. Crop 2	Banana	2	134.32	604440	332912	24.37	141.13
Hort. Crop 3	Bittergourd	0.02	1.214	6679	4039	50.25	103.78
Tuber Crop 1	Amorphophallus	0.1	23.904	71712	56035	48.01	114.50
Others	Turmeric	0.3	107.806	539028	516828	20.71	109.30
Total			268.902	1231649	913930		120.17

Brief: The farmer used to get annual income of Rs. 415111 from Black gram, Green gram, Grain cowpea, Cowpea, Banana, Bittergourd, Amorphophallus, Turmeric etc. He faced problems like soil acidity, downy mildew in Bittergourd, imbalanced fertilizer application, etc. With DFI interventions like FLD, OFT, CFLD, PKVY, Swachhta Action Plan, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.913930.



Cultivation of Ginger



Cultivation of Turmeric



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

Name of farmer: Bijesh Kumar

**Address: Bijesh Bhavan, Anayadi P O, Kollam
Kerala**

Age: 39

Education: SSLC

Size of land holding (in acre): 2.4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.75	9.975	28444	7279
Field Crop 2	Blackgram	0.25	0.295	1623	373
Field Crop 3	Grain cowpea	0.25	0.28	1680	430
Field Crop 4	Sessamum	0.8	0.864	10368	3888
Tuber Crop 1	Tapioca	0.2	50.634	81014	68214
Tuber Crop 2	Amorphophallus	0.06	9.202	23004	14453
Total				146133	94637

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.75	12.375	41269	17987	24.06	147.11
Field Crop 2	Blackgram	0.25	0.37	2590	1015	25.42	172.12
Field Crop 3	Grain cowpea	0.25	0.368	2940	1365	31.43	217.44
Field Crop 4	Sessamum	0.8	1.216	17632	9872	40.74	153.91
Tuber Crop 1	Tapioca	0.2	65.17	162925	148325	28.71	117.44
Tuber Crop 2	Amorphophallus	0.06	14.97	44910	35504	62.68	145.65
Total				272266	214068		126.20

Brief: The farmer used to get annual income of Rs. 94637 from Rice, Blackgram, Grain cowpea, Sessamum, Tapioca, Amorphophallus etc. He faced problems like Soil acidity, rice bug and stem borer in rice, etc. With DFI interventions like FLD, OFT, CFLD, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.214068.



Cultivation of Rice



Cultivation of Sessamum



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Chandran Pillai

Address: Moonamkizhakethil, Pullamala

Kerala

Age: 80

Education: SSLC

Size of land holding (in acre): 1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.45	25.06	80179	33829
Hort. Crop 2	Coconut	0.05	1.27	2544	494
Hort. Crop 3	Bhindi	0.05	2.64	7396	4983
Tuber Crop 1	Tapioca	0.2	48.61	77773	64973
Tuber Crop 2	Tania	0.015	1.26	4771	3226
Others	Ginger	0.05	7.37	55304	49304
Others	Turmeric	0.05	15.84	47520	44020
Total				275487	200829

2) Status in 2020

Component Description		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	0.45	30.71	138206	77112	22.55	127.95
Hort. Crop 2	Coconut	0.05	1.45	3625	1400	14.17	183.40
Hort. Crop 3	Bhindi	0.05	3.26	11398	8968	23.48	79.97
Tuber Crop 1	Tapioca	0.2	64.82	162050	147450	33.35	126.94
Tuber Crop 2	Tania	0.015	2.05	9215	7325	62.70	127.06
Others	Ginger	0.05	10.17	116968	110318	37.99	123.75
Others	Turmeric	0.05	19.26	96285	92585	21.59	110.32
Total				537747	445158		121.66

Brief: The farmer used to get annual income of Rs.200829 from Banana, Coconut, Tania, Tapioca, Ginger, Turmeric etc. He faced problems like aphids in bhindi, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, trainings, Advisories etc., he is getting annual income of Rs.445158.



Cultivation of banana



Cultivation of Ginger



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Grihorious

Address: Anil Bhavan Vellimon P.O. Kundara

Kerala

Age: 79

Education: SSLC

Size of land holding (in acre): 1.89

1) 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	0.5	29.57	94613	43113
Hort. Crop 2	Coconut	0.2	5.50	11000	2800
Hort. Crop 3	Bitter gourd	0.05	1.99	9936	4786
Hort. Crop 4	Tomato	0.07	4.77	19069	6469
Hort. Crop 5	Cowpea	0.25	9.95	39818	12318
Tuber Crop 1	Tapioca	0.15	36.36	58168	48568
Tuber Crop 2	Tania	0.1	9.45	35924	25624
Tuber Crop 3	Amorphophallus	0.2	32.27	80674	52168
Other Crop	Ginger	0.15	31.74	238075	220075
Other Crop	Turmeric	0.08	22.81	68418	62818
Total				655695	478739

2) Status in 2020

Component Description		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	0.5	36.19	162864	94982	22.39	120.31
Hort. Crop 2	Coconut	0.2	6.60	16500	7600	20.00	171.43
Hort. Crop 3	Bitter gourd	0.05	3.21	17628	11028	61.31	130.42
Hort. Crop 4	Tomato	0.07	5.41	27585	13585	13.42	110.00
Hort. Crop 5	Cowpea	0.25	12.92	64594	33044	29.85	168.26
Tuber Crop 1	Tapioca	0.15	48.46	121144	110194	33.28	126.89
Tuber Crop 2	Tania	0.1	15.31	68898	56298	62.01	119.71
Tuber Crop 3	Amorphophallus	0.2	46.86	140577	109221	45.21	109.36
Other Crops	Ginger	0.15	41.35	475468	455518	30.28	106.98
Other Crops	Turmeric	0.08	28.76	143779	137859	26.09	119.46
Total				1239037	1029329		115.01

Brief: The farmer used to get annual income of Rs.478739 from Banana, Coconut, Bitter gourd, Tomato, Cowpea, Ginger, Turmeric etc. He faced problems like poor soil health in banana, pest infestation in bitter gourd, diseases in cowpea etc. With DFI interventions like scientific production technology for vegetables, tuber crops, banana, soil health management, FLD, Training, Advisories etc., he is getting annual income of Rs. 1029329.



Cultivation of Cowpea



Cultivation of Tomato



Effect of DFI intervention **Name of KVK: KVK KOLLAM**
Name of farmer: Hymakumary
Address: Padinjathil Lane, Kumarapuram, MC
P.O.
Kerala
Age: 52
Education: Engineering graduate
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	Rice	0.6	8.14	23187	6249
Hort. Crop 1	Banana	0.8	47.75	152794	70394
Hort. Crop 2	Coconut	0.5	15.08	30160	9660
Hort. Crop 3	Bhindi	0.005	0.25	690	449
Hort. Crop 4	Bitter gourd	0.005	0.20	991	476
Hort. Crop 5	Cowpea	0.1	3.99	15962	4962
Tuber Crop 1	Tapioca	0.6	145.82	233318	194918
Tuber Crop 2	Tania	0.03	2.72	10337	7247
Tuber Crop 3	Amorphophallus	0.08	12.57	31420	20018
Other Crops	Ginger	0.5	102.60	769536	709536
Other Crops	Turmeric	0.2	57.02	171061	157061
Total				1439457	1180970

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.6	10.11	33816	15185	24.20	143.00
Hort. Crop 1	Banana	0.8	59.22	266483	157872	24.02	124.27
Hort. Crop 2	Coconut	0.5	16.80	42000	19750	11.41	104.45
Hort. Crop 3	Bhindi	0.005	0.34	1178	935	36.00	108.24
Hort. Crop 4	Bitter gourd	0.005	0.30	1653	993	50.00	108.61
Hort. Crop 5	Cowpea	0.1	4.88	24400	11780	22.31	137.40
Tuber Crop 1	Tapioca	0.6	191.89	479723	435923	31.59	123.64
Tuber Crop 2	Tania	0.03	4.45	20023	16243	63.60	124.13
Tuber Crop 3	Amorphophallus	0.08	19.16	57473	44931	52.43	124.45
Other Crops	Ginger	0.5	134.54	1547227	1480727	31.13	108.69
Other Crops	Turmeric	0.2	69.32	346588	331788	21.57	111.25
Total				2820564	2516126		113.06

Brief: The farmer used to get annual income of Rs.1180970 from Rice, Cowpea, Bitter gourd, Bhindi, Banana, Coconut, Tania, Tapioca, Ginger, Turmeric etc. She faced problems like fusarium wilt in banana, collar root in amorphophallus, etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, vegetables, soil health management , Training, Advisories etc., she is getting annual income of Rs. 2516126.



Cultivation of Rice



Cultivation of Ginger



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

Name of farmer: T Janardhana Kurup

**Address: Vallattoor kizhakethil, Kambhalady,
Pooruvazhy**

Age: 80

Education: SSLC

Size of land holding (in acre): 1.3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.65	35.98	115149	48199
Hort. Crop 2	Bhindi	0.01	4.05	11341	6514
Tuber Crop 1	Tapioca	0.2	48.52	77629	64829
Tuber Crop 2	Amorphophalus	0.25	39.27	98166	62533
Others	Ginger	0.05	8.01	60103	54103
	Turmeric	0.05	15.84	47525	44025
Total				409913	280203

2) Status in 2020

Component Description		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	0.65	44.83	201731	113485	24.60	135.45
Hort. Crop 2	Bhindi	0.01	5.64	19756	14896	39.26	128.68
Tuber Crop 1	Tapioca	0.2	64.72	161805	147205	33.39	127.07
Tuber Crop 2	Amorphophalus	0.25	57.33	171983	132787	45.99	112.35
Others	Ginger	0.05	11.81	135823	129173	47.44	138.75
	Turmeric	0.05	19.26	96300	92600	21.59	110.34
Total				787398	630146		124.89

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



Cultivation of tapioca



Cultivation of ginger

Effect of DFI intervention Name of KVK: KVK KOLLAM



Name of farmer: K. Prasad
Address: Azhakathu Veedu, Mundakkal East,
Kollam 691001
Kerala
Age: 80
Education: BA Economics
Size of land holding (in acre): 0.90

1) 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	0.15	8.87	28384	12934
Hort. Crop 2	Coconut	0.35	9.05	18095	3745
Hort. Crop 3	Bhindi	0.02	0.95	2662	1696
Hort. Crop 4	Cowpea	0.015	0.62	2492	842
Tuber Crop 1	Tapioca	0.02	4.50	7207	5927
Tuber Crop 2	Tania	0.03	2.61	9926	6836
Tuber Crop 3	Amorphophallus	0.03	4.58	11445	7169
Other Crops	Turmeric	0.1	29.15	87441	80441
Total				167652	119590

Component Description		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	0.15	10.87	48912	28547	22.55	120.71
Hort. Crop 2	Coconut	0.35	10.12	25296	9721	11.82	159.57
Hort. Crop 3	Bhindi	0.02	1.26	4406	3434	32.63	102.48
Hort. Crop	Cowpea	0.015	0.74	3722	1829	19.35	117.22
Tuber Crop 1	Tapioca	0.02	6.20	15490	14030	37.78	136.71
Tuber Crop 2	Tania	0.03	4.09	18386	14606	56.70	113.66
Tuber Crop 3	Amorphophallus	0.03	7.02	21053	16349	53.28	128.05
Other Crops	Turmeric	0.1	36.59	182953	175553	25.52	118.24
Total				320218	264069		120.81

Brief: The farmer used to get annual income of Rs.119590 from coconut, banana, cowpea, bhindi, tapioca, turmeric etc. He faced problems like deficiency of nutrients in soil, pest and disease problems in bhindi and cowpea, pest infestation in coconut etc.. With DFI interventions like scientific production technology for coconut, cowpea, tuber crops, banana, soil health management, Advisories etc., he is getting annual income of Rs. 264069.



Cultivation of Banana



Cultivation of Coconut



Name of farmer: Komalan
Address: Aattuvarathu veedu, Ulakkode,
Vakkanad PO

Kerala

Age: 68

Education: Agriculture Diploa

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	0.4	24.528	78490	37290
Hort. Crop 2	Bitterguard	0.1	4.067	20335	10035
Hort. Crop 3	Amaranthus	0.1	2.63	5786	2786
Hort. Crop 4	Coconut	0.5	13	26000	5500
Tuber Crop 1	Tania	0.1	8.557	32516	22216
Tuber Crop 2	Amorphophallus	0.1	14.945	37363	23111
Others	Ginger	0.1	17.956	134673	122673
Others	Turmeric	0.1	31.056	93169	86169
Total				428332	309780

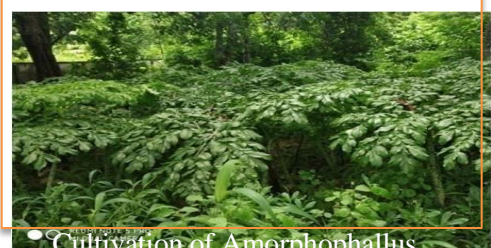
2) Status in 2020

Component Description		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	0.4	31.54	141930	87624	28.59	135
Hort. Crop 2	Bitterguard	0.1	6.072	33396	20196	49	101
Hort. Crop 3	Amaranthus	0.1	3.03	9090	5790	15	108
Hort. Crop 4	Coconut	0.5	13.75	34375	12125	6	120.5
Tuber Crop 1	Tania	0.1	13.005	58520	45920	52	107
Tuber Crop 2	Amorphophallus	0.1	22.954	68862	53185	54	130
Others	Ginger	0.1	25.592	294306	281006	42.53	129
	Turmeric	0.1	37.872	189361	181961	22	111
Total				829840	687807		122

Brief: The farmer used to get annual income of Rs. 309780 from Banana, Bittergourd, Amaranthus, Tania, Amorphophallus, Coconut, Ginger, Turmeric etc. He faced problems like nutrient deficiency disorders in banana, vegetables, tuber, pest and disease incidence in banana, vegetables, etc. With DFI interventions like FLD on sampoorina in vegetables, FLD on soil test based nutrient management in vegetables and banana for disease tolerance, FLD on sampoorina in banana, Awareness programs, Advisories etc., he is getting annual income of Rs.687807.



Cultivation of Bitter gourd



Cultivation of Amorphophallus



Name of farmer: Krishna Kumar G

Address: Karthyayani Vilasom, Anayadi P.O,
Sooranadu North, Kollam

Kerala

Age: 56

Education: BA

Size of land holding (in acre): 0.6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.5	29.58	94656	43156
Hort. Crop 2	Cowpea	0.01	0.4371	1748	648
Tuber Crop 1	Tapioca	0.02	4.780	7647	6367
Tuber Crop 2	Tania	0.02	1.615	6135	4075
Tuber Crop 3	Amorphophallus	0.02	3.138	7844	4994
Total				118030	59240

2) Status in 2020

Component Description		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	0.5	37.05	166725	98843	25.25	129.04
Hort. Crop 2	Cowpea	0.01	0.519	2597	1335	18.74	106.02
Tuber Crop 1	Tapioca	0.02	6.396	15991	14531	33.81	128.22
Tuber Crop 2	Tania	0.02	2.390	10753	8233	47.99	102.04
Tuber Crop 3	Amorphophallus	0.02	4.563	13690	10555	45.41	111.35
Total				209756	133497		125.35

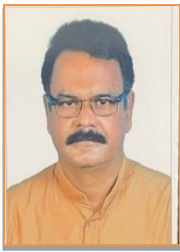
Brief: The farmer used to get annual income of Rs. 59240 from Banana, Bittergourd, Cowpea, Tapioca, Tania, Amorphophallus etc. He faced problems like Mosaic disease in Tapioca, soil acidity, imbalanced fertilizer application, Sucking pest in cowpea etc. With DFI interventions like FLD, OFT, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.133497.



Cultivation of Tania



Cultivation of Cowpea



Name of farmer: Mohanan Nair
Address: Gowrisam, Anayadi P.O,
 Sooranadu North, Kollam

Kerala

Age: 59

Education: Diploma in Electrical Engineering

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	Banana	0.8	44.608	142746	60346
Hort. Crop 2	Bittergourd	0.02	0.7544	3772	1712
Hort. Crop 3	Bhindi	0.02	0.9558	2676	1711
Tuber Crop 1	Tapioca	0.02	4.878	7804	6524
Tuber Crop 2	Tania	0.02	1.643	6242	4182
Others	Ginger	0.02	3.719	27892	25492
Others	Turmeric	0.02	6.083	18248	16848
Total				209380	116815

2) Status in 2020

Component Description		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	0.8	58.776	264492	155881	31.76	158.31
Hort. Crop 2	Bittergourd	0.02	1.165	6406	3766	54.43	119.98
Hort. Crop 3	Bhindi	0.02	1.264	4425	3453	32.25	101.81
Tuber Crop 1	Tapioca	0.02	6.396	15991	14531	31.12	122.73
Tuber Crop 2	Tania	0.02	2.454	11045	8525	49.36	103.85
Others	Ginger	0.02	4.988	57361	54701	34.12	114.58
Others	Turmeric	0.02	7.445	37224	35744	22.39	112.16
Total				396944	276601		136.79

Brief: The farmer used to get annual income of Rs.116815 from Banana, Bittergourd, Bhindi, Tapioca, Tania, Ginger, Turmeric etc. He faced problems like imbalanced fertilizer application, fusarium wilt in Banana, leaf spot in Bhindi, etc. With DFI interventions like FLD, OFT, SAP, introduction of high yielding varieties of crops, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.276601.



Cultivation of Tapioca



Cultivation of Banana



Name of farmer: Narayana Pillai
Address: Thottathil, Kambhalady P.O
Kerala
Age: 74
Education: SSLC
Size of land holding (in acre): 1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.2	11.22	35904	15304
Hort. Crop 2	Bhindi	0.1	4.40	12327	7500
Tuber Crop 1	Tapioca	0.5	114.61	183380	151380
Others	Ginger	0.1	18.59	139461	127461
Total				371072	301645

2) Status in 2020

Component Description		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	0.2	13.25	59616	32463	18.09	112.12
Hort. Crop 2	Bhindi	0.1	6.08	21276	16416	38.18	118.88
Tuber Crop 1	Tapioca	0.5	159.22	398044	361544	38.92	138.83
Others	Ginger	0.01	25.59	294306	281006	37.65	120.46
Total				773242	691429		129.22

Brief: The farmer used to get annual income of Rs.301645 from Banana, Tapioca, Ginger, Bhindi etc. He faced problems like poor soil health, fungal diseases and sucking pest incidence, rat pest etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, trainings, Advisories etc., he is getting annual income of Rs.691429.



Cultivation of Banana



Cultivation of Ginger



Name of farmer: P. Sivaprasad

Address: Moolayil Kunnathu thodiyl (Harisree),

Meenadu, Nedugolam P.O. Kollam

Kerala

Age: 48

Education: SSLC

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.)
Hort. Crop 1	Banana	0.1	5.90	18878	8578
Hort. Crop 2	Coconut	0.2	5.06	10120	1920
Hort. Crop 3	Bhindi	0.1	4.23	11834	7007
Hort. Crop 4	Bitter gourd	0.05	1.98	9900	4750
Hort. Crop 5	Cowpea	0.1	4.44	17779	6779
Hort. Crop 6	Amaranthus	0.05	1.30	2863	1363
Tuber Crop 1	Tapioca	0.03	6.76	10815	8895
Tuber Crop 2	Tania	0.02	1.82	6903	4843
Tuber Crop 3	Amorphophallus	0.01	1.57	3920	2495
Other Crops	Ginger	0.01	1.67	12504	11304
	Turmeric	0.01	2.91	8744	8044
Total				114260	65978

2) Status in 2020

Component Description		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	0.1	7.22	32503	18926	22.37	120.63
Hort. Crop 2	Coconut	0.2	5.66	14160	5260	11.86	173.96
Hort. Crop 3	Bhindi	0.1	5.65	19761	14901	33.57	112.66
Hort. Crop 4	Bitter gourd	0.05	3.06	16843	10243	54.55	115.64
Hort. Crop 5	Cowpea	0.1	5.46	27300	14680	22.97	116.55
Hort. Crop 6	Amaranthus	0.05	1.50	4512	2862	15.38	109.98
Tuber Crop 1	Tapioca	0.03	9.16	22889	20699	35.50	132.70
Tuber Crop 2	Tania	0.02	2.73	12272	9752	50.00	101.36
Tuber Crop 3	Amorphophallus	0.01	2.39	7167	5599	52.23	124.41
Other Crops	Ginger	0.01	2.43	27924	26594	45.51	135.26
Other Crops	Turmeric	0.01	3.66	18295	17555	25.77	118.24
Total				203626	147071		122.91

Brief: The farmer used to get annual income of Rs.65978 from banana, coconut, bitter gourd, bhindi, amaranthus, tapioca, ginger, etc. He faced problems like pest and disease in banana, weather aberrations, pest infestation in vegetables, etc. With DFI interventions like scientific production technology for coconut, tuber crops, banana, vegetables, soil health management , Training, Advisories etc., he is getting annual income of Rs. 147071.



Cultivation of Banana



Cultivation of Ginger



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Raju R

Address: Madhu Nivas, North Mynagappally

Kerala

Age: 47

Education: SSLC

Size of land holding (in acre): 5

1) Before Intervention

		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.5	34	96500	25950
Field Crop 2	Black gram	0.5	0.49	2695	195
Field Crop 3	Green gram	0.5	0.55	3850	1350
Field Crop 4	Grain Cowpea	0.5	0.48	2640	140
Field Crop 5	Sesamum	0.5	0.54	6480	2430
Tuber Crop 1	Amorphophallus	0.2	33.15	82875	54371
Total				195040	84436

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2.5	42.25	140413	62808	24.26	142.03
Field Crop 2	Black gram	0.5	0.545	3652	502	11.22	157.44
Field Crop 3	Green gram	0.5	0.74	6290	3140	34.55	132.59
Field Crop 4	Grain Cowpea	0.5	0.55	3575	425	14.58	203.57
Field Crop 5	Sesamum	0.5	0.76	11020	6170	40.74	153.91
Tuber Crop 1	Amorphophallus	0.2	48.902	146706	115352	47.52	112.16
Total				311656	188397		123.12

Brief: The farmer used to get annual income of Rs.84436 from Rice ,Black gram, Green gram, Grain cowpea, Seasamum, Amorphophallus etc. He faced problems like unaware about the organic farming techniques, collar rot in amorphophallus, stem borer in rice etc. With DFI interventions like FLD, OFT , Training, Awareness programs, Advisories etc., he is getting annual income of Rs.188397.



Cultivation of Rice



Cultivation of Blackgram



Name of farmer: Ramachandran Pillai

Address: Geethabhavanam, Anayadi

Kerala

Age: 55

Education: Pre Degree

Size of land holding (in acre): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop1	cowpea	0.5	21.64	86574	31574
Hort. Crop 1	Banana	0.3	16.28	52099	21199
Hort. Crop 2	Coconut	0.2	5.09	10176	1976
Hort. Crop 3	Bhindi	0.5	26.42	73962	49827
Tuber Crop 1	Tapioca	0.1	25.28	40284	33884
Tuber Crop 2	Tania	0.015	1.26	4771	3226
Others	Ginger	0.05	7.37	55304	49304
	Turmeric	0.05	15.84	47520	44020
Total				370690	235010

2) Status in 2020

Component Description		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	Cowpea	0.5	27.84	139223	76123	28.65	141.09
Hort. Crop 1	Banana	0.3	21.50	96771	56042	32.06	164.36
Hort crop 2	Coconut	0.2	5.80	14500	5600	13.95	183.40
Hort. Crop 3	Bhindi	0.5	35.82	125375	101075	35.58	102.85
Tuber Crop 1	Tapioca	0.1	35.20	88008	80708	39.24	138.19
Tuber Crop 2	Tania	0.015	2.05	9215	7325	62.70	127.06
Others	Ginger	0.05	10.17	116968	110318	37.99	123.75
	Turmeric	0.05	19.26	96285	92585	21.59	110.32
Total				686344	529775		125.43

Brief: The farmer used to get annual income of Rs.235010 from Bhindi, Cowpea, Banana, Coconut, Tania, Tapioca, Ginger, Turmeric etc. He faced problems like sucking pest in bhindi, mosaic etc. With DFI interventions like scientific production technology for, tuber crops, banana, pulse, soil health management, FLD, training, Advisories etc., he is getting annual income of Rs.125.4



Cultivation of Banana



Cultivation of Ginger



Name of farmer: Santhosh Kumar G
Address: Pookkunnathu melathil, Vakkanadu P.O,
 Kareepra

Kerala

Age: 48

Education: SSLC

Size of land holding (in acre): 4.1

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	3	40.8	115800	31140
Hort. Crop 1	Cowpea	0.1	4.464	17856	6856
Hort. Crop 3	Banana	0.3	17.802	56966	26066
Hort. Crop 4	Bitter gourd	0.1	3.984	19920	9620
Tuber Crop 1	Tapioca	0.6	143.385	229416	191016
Total				439958	264698

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	3	50.7	168495	75369	24.26	142.03
Hort. Crop 2	Cowpea	0.1	5.445	27225	14605	21.98	113.03
Hort. Crop 3	Banana	0.3	22.278	100251	59522	25.14	128.35
Hort. Crop 4	Bitter gourd	0.1	6.072	33396	20196	52.41	109.94
Tuber Crop 1	Tapioca	0.6	191.889	479723	435923	33.83	128.21
Total			809090	605615			128.79

Brief: The farmer used to get annual income of Rs. 264698 from Rice, Banana, Bittergourd, Cowpea, Tapioca etc. He faced problems like soil acidity, imbalanced fertilizer application, fruit flies in Bitter gourd, Stem borer in Rice etc. With DFI interventions like FLD, OFT, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.605615.



Cultivation of Paddy



Cultivation of Banana



Name of farmer: Satheesh Babu
Address: Thennur Konathu veedu,
Sadanandapuram

Kerala:

Age: 56

Education: Predegree

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.)
Field Crop 1	Rice	1	13.2	37700	9480
Hort. Crop 1	Cowpea	0.01	0.428	1711	611
Hort. Crop 3	Banana	0.5	30.6	97920	46420
Hort. Crop 4	Bitter gourd	0.05	1.886	9430	4280
Tuber Crop 1	Tapioca	0.15	38.719	61950	52350
Total				208711	113141

2) Status in 2020

Component Description		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	16.4	54740	23698	24.24	149.98
Hort. Crop 2	Cowpea	0.01	0.499	2496	1234	16.59	101.96
Hort. Crop 3	Banana	0.5	39.9	179550	111668	30.39	140.56
Hort. Crop 4	Bitter gourd	0.05	3.003	16517	9917	59.23	131.71
Tuber Crop 2	Tapioca	0.15	48.8775	122194	111244	26.24	112.50
Total				375497	257761		127.82

Brief: The farmer used to get annual income of Rs.113141 from Rice, Cowpea, Banana, Bittergourd, Tapioca etc. He faced problems like nutrient deficiency disorders in Banana, Tania, non availability of high yielding Cassava resistant variety, leaf spot disease in banana, etc. With DFI interventions like FLD on Sampoorana in banana, FLD Sree Suvarna CMV tolerant variety, FLD Ecofriendly leaf spot management in banana, soil test based nutrient management in banana, Training, Advisories etc., he is getting annual income of Rs.257761.



Cultivation of Banana



Cultivation of Rice



Name of farmer: Seema Chandran
Address: Govardhana giri, Edanad P O,
Chathannoor
Age: 48
Education: Degree
Size of land holding (in acre): 3.45

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2	27.6	78100	21660
Hort. Crop 2	Banana	1	57.27	183264	80264
Hort. Crop 3	Amaranthus	0.1	2.65	5830	2830
Hort. Crop 4	Tomato	0.1	6.6	26400	8400
Tuber Crop 1	Amorphophallus	0.05	7.632	19080	11954
Total				312674	125108

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2	32.4	108340	46256	17.39	113.55
Hort. Crop 2	Banana	1	70.2	315900	180136	22.58	124.43
Hort. Crop 3	Amaranthus	0.1	3.02	9060	5760	13.96	103.53
Hort. Crop 4	Tomato	0.1	7.823	39899	19899	18.53	136.89
Tuber Crop 1	Amorphophallus	0.05	11.656	34968	27129	52.73	126.94
Total				508167	279180		123.15

Brief: The farmer used to get annual income of Rs. 125108 from Rice, Banana, Amaranthus, Tomato, Amorphophallus etc. She faced problems like Leaf spot in Amaranthus, rice bug attack in rice etc. With DFI interventions like Training in vegetable cultivation, Awareness programs, Advisories etc., she is getting annual income of Rs.279180.



Cultivation of Amorphophallus



Cultivation of Amaranthus and Tomato



Name of farmer: Sugathan
Address: Aattuvarathu veedu, Ulakkode,
Vakkanad PO

Kerala

Age: 64

Education: ITI

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	0.6	36.288	116122	54322
Hort. Crop 2	Coconut	0.2	5.1	10200	2000
Tuber Crop 1	Tapioca	0.2	51.554	82487	69687
Tuber Crop 2	Tania	0.1	8.436	32057	21757
Tuber Crop 3	Amorphophallus	0.2	33.15	82875	54371
Others	Ginger	0.1	17.312	129843	117843
	Turmeric	0.1	31.046	93139	86139
Total				546723	406119

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	0.6	46.74	210330	128872	28.80	137.24
Hort. Crop 2	Coconut	0.2	5.4	13500	4600	5.88	130.00
Tuber Crop 1	Tapioca	0.2	65.31	163275	148675	26.68	113.35
Tuber Crop 2	Tania	0.1	12.543	56444	43844	48.68	101.52
Tuber Crop 3	Amorphophallus	0.2	47.904	143712	112358	44.51	106.65
Others	Ginger	0.1	24.943	286847	273547	44.08	132.13
	Turmeric	0.1	37.224	186122	178722	28.80	137.24
Total				1060230	890618		119.30

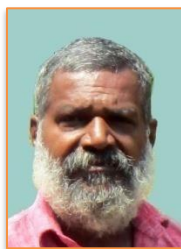
Brief: The farmer used to get annual income of Rs. 406119 from Banana, Tapioca, Tania, Amorphophallus, Coconut, Ginger, Turmeric etc. He faced problems nutrient deficiency disorders in banana, tubers, pest and disease incidence in banana etc. With DFI interventions like FLD on Sampoorana in Banana, FLD on soil test based nutrient management in banana for disease tolerance, Training, Advisories etc., he is getting annual income of Rs.890618.



Cultivation of Banana



Cultivation of Coconut



Name of farmer: Udayabhanu

Address: Kodiyattu Madathil, Anayadi P.O,
Sooranadu North, Kollam

Kerala

Age: 55

Education: High school

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	Rice	2	27	76750	20310
Field Crop 2	Blackgram	0.5	0.48	2640	140
Field Crop 3	Greengram	0.5	0.54	3780	1280
Field Crop 4	Sessamum	0.5	0.545	6540	2490
Hort. Crop 1	Banana	0.05	2.838	9082	3932
Hort. Crop 2	Bitter gourd	0.1	3.69	18450	8150
Hort. Crop 3	Bhindi	0.1	4.4	12320	7493
Hort. Crop 4	Tomato	0.1	6.6	26400	8400
Tuber Crop 1	Tania	0.01	0.801	3043	2013
Tuber Crop 2	Amorphophallus	0.01	1.487	3719	2294
Total				162724	56502

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2	33.6	111760	49676	24.44	144.59
Field Crop 2	Blackgram	0.5	0.515	3451	301	7.29	115.00
Field Crop 3	Greengram	0.5	0.745	6333	3183	37.96	148.67
Field Crop 4	Sessamum	0.5	0.81	11745	6895	48.62	176.91
Hort. Crop 1	Banana	0.05	3.525	15863	9074	24.21	130.77
Hort. Crop 2	Bitter gourd	0.1	5.642	31031	17831	52.90	118.79
Hort. Crop 3	Bhindi	0.1	6.264	21924	17064	42.36	127.73
Hort. Crop 4	Tomato	0.1	7.823	39899	19899	18.53	136.89
Tuber Crop 1	Tania	0.01	1.201	5403	4143	49.94	105.81
Tuber Crop 2	Amorphophallus	0.01	2.440	7321	5753	64.09	150.78
Total				254730	133819		136.84

Brief: The farmer used to get annual income of Rs. 56502 from Rice, Black gram, Green gram, Sessamum, Banana, Bittergourd, Bhindi, Tomato, Tania, Amorphophallus etc. He faced problems like aphid in black gram, wilt in green gram, unaware about the organic farming techniques etc. With DFI interventions like FLD, OFT , CFLD, PKVY, Swachhta Action Plan, Training, Awareness programs, Advisories etc., he is getting annual income of Rs.133819.



Cultivation of Rice



Cultivation of Banana



Name of farmer: Ajith Kumar N
Address: Kurivila Kizhakkathil, Perumkulam (P O), Kottarakkara Kerala
Age: 65
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.)
Hort. Crop 1	Banana	0.5	27.89	89232	37732
Hort. Crop 2	Cowpea	0.1	4.04	16157	5157
Hort. Crop 3	Bitter gourd	0.1	3.68	18405	8105
Tuber Crop 1	Tania	0.15	11.97	45495	30045
Tuber Crop 2	Amorphophallus	0.15	22.90	57254	35874
Total				226543	116913

2) Status in 2020

Component Description		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	0.5	34.34	154512	86630	23.13	129.59
Hort. Crop 2	Cowpea	0.1	4.84	24175	11555	19.80	124.06
Hort. Crop 3	Bitter gourd	0.1	5.50	30228	17028	49.46	110.09
Tuber Crop 1	Tania	0.15	18.57	83572	64672	55.14	115.25
Tuber Crop 2	Amorphophallus	0.15	34.38	103127	79610	50.13	121.92
Total				395614	259495		121.95

Brief: The farmer used to get annual income of Rs.116913 from Banana, Cowpea, Bitter gourd, Tania, Amorphophallus. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, powdery mildew in bitter gourd, seedling blight in cowpea. With DFI interventions like scientific production technology for tuber crops, banana, pulse, seed treatment and soil drenching soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 259495.



Cultivation of Cowpea



Cultivation of Amorphophallus



Name of farmer: Anil Kumar K.Y

Address: Kadolithekath, Kollam

Kerala

Age: 45

Education: SSLC

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	Banana	0.5	28.60	91520	40020
Hort. Crop 2	Tapioca	0.3	70.23	112363	93163
Hort. Crop 2	Tania	0.1	8.35	31726	21426
Hort. Crop 2	Amorphophallus	0.1	15.28	38205	23952
Total			122.46	273814	178561

2) Status in 2020

Component Description		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	0.5	35.15	158175	90293	22.90	125.62
Hort. Crop 2	Tapioca	0.3	94.35	235875	213975	34.34	129.68
Hort. Crop 2	Tania	0.1	12.80	57614	45014	53.29	110.09
Hort. Crop 2	Amorphophallus	0.1	21.93	65802	50124	43.52	109.27
Total			164.23	517466	399406		123.68

Brief: The farmer used to get annual income of Rs.178561 from Banana, Tania, Tapioca, Amorphophallus etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 399406.



Cultivation of Tapioca



Cultivation of Banana



Name of farmer: Anilan Pillai K

Address: Nayanam, Poorozhy,

Ambalathumbhagam

Kerala

Age: 56

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.)
Hort. Crop 1	Banana	0.45	25.48	81544	35194
Tuber Crop 1	Tapioca	2	459.50	735046	607046
Tuber Crop 2	Tania	0.07	6.10	23187	15977
Tuber Crop 3	Amorphophallus	0.07	10.39	25970	15993
Total				865747	674210

2) Status in 2020

Component Description		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	0.45	31.32	140940	79846	22.92	126.87
Tuber Crop 1	Tapioca	2	619.62	1549040	1403040	34.85	131.13
Tuber crop 2	Tania	0.07	9.26	41661	32841	51.80	105.55
Tuber Crop 3	Amorphophallus	0.07	15.69	47061	36086	51.01	125.64
Total				1778702	1551813		130.17

Brief: The farmer used to get annual income of Rs.674210 from banana, tapioca, Tania, amorphophallus. He faced problems like sigatoka disease in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like FLD, Advisories, Training etc., he is getting annual income of Rs. 1551813.



Cultivation of banana



Cultivation of Tania



Name of farmer: Anilkumar R
Address: Sanika, Perumpuzha, Kollam
Kerala
Age: 46
Education: MA
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	Banana	1	57.62	184384	81384
Hort. Crop 2	Bhindi	0.06	2.75	7688	4791
Tuber Crop 1	Tania	0.4	33.40	126905	85705
Tuber Crop 2	Amorphophallus	0.3	44.52	111300	68541
Others	Turmeric	0.5	152.06	456192	421192
Total				886469	661613

2) Status in 2020

Component Description		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	70.68	318060	182296	22.67	123.99
Hort. Crop 2	Bhindi	0.06	3.78	13215	10299	37.45	114.97
Tuber Crop 1	Tania	0.4	51.21	230454	180054	53.32	110.09
Tuber Crop 2	Amorphophallus	0.3	67.23	201690	154655	51.01	125.64
Others	Turmeric	0.5	186.15	930755	893755	22.42	112.20
Total				1694174	1421059		114.79

Brief: The farmer used to get annual income of Rs.661613 from Banana, Bhindi, Tania, Amorphophallus, Turmeric etc. He faced problems like sigatoka leaf spot in banana, shoot and fruit borer, whitefly in bhindi, collar rot in amorphophallus etc. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management, FLD, Training and Advisories etc., he is getting annual income of Rs.1421059



Cultivation of grain cowpea



Cultivation of tania



Name of farmer: Baby
Address: Plamoottil Kizhakkathil,
Padinjattakkara, Thevalakara, Kollam.
Kerala
Age: 67
Education: 7 th Standard
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	Banana	2.5	150.94	483000	225500
Hort. Crop 2	Tomato	0.02	1.34	5373	1773
Tuber Crop 1	Tania	0.1	7.58	28808	18508
Tuber Crop 2	Amorphophallus	0.25	39.31	98281	62649
Other Crops	Ginger	0.04	7.95	59650	54850
	Turmeric	0.05	14.58	43739	40239
Total				718851	403519

2) Status in 2020

Component Description		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	2.5	191.36	861131	521721	26.78	131.36
Hort. Crop 2	Tomato	0.02	1.57	7988	3988	17.16	124.93
Tuber Crop 1	Tania	0.1	11.95	53766	41166	57.65	122.42
Tuber Crop 2	Amorphophallus	0.25	61.13	183383	144187	55.51	130.15
Other Crops	Ginger	0.04	10.78	123948	118628	35.60	116.28
	Turmeric	0.05	18.00	89992	86292	23.46	114.45
Total				1320207	915982		127.00

Brief: The farmer used to get annual income of Rs.403519 from Banana, Tomato, Tania, Amorphophallus, ginger, turmeric etc. He faced problems like stem rot of tomato, banana pseudostem weevil, climate anomaly etc. With DFI interventions like scientific production technology for tuber crops, banana, vegetables, FLD, Training and Advisories etc., he is getting annual income of Rs.915982.



Cultivation of Banana



Cultivation of Tania



Name of farmer: Balachandran Pillai

Address: Chilambinazhikam, Thevalappuram. P. O, Puthoor

Kerala

Age: 58

Education: Post graduate

Size of land holding (in acre): 10acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Grain cowpea	0.2	0.22	1308	308
Hort. Crop 1	Banana	5	288.10	921920	406920
Hort. Crop 2	Bhindi	0.3	13.73	38438	23957
Hort. Crop 3	Bittergourd	0.2	7.54	37720	17120
Hort. Crop 4	Tomato	0.2	13.00	52000	16000
Hort. Crop 5	Amaranthus	0.25	6.50	14300	6800
Tuber Crop 1	Tapioca	1	234.09	374544	310544
Tuber Crop 2	Tania	0.7	58.44	222083	149983
Tuber Crop 3	Amorphophallus	1.5	222.60	556500	342705
Others	Turmeric	0.2	60.83	182477	168477
Total				2401290	1442814

2) Status in 2020

Component Description		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	Grain cowpea	0.2	0.29	2336	1076	31.82	249.35
Hort. Crop 1	Banana	5	353.40	1590300	911480	22.67	123.99
Hort. Crop 2	Bhindi	0.3	18.88	66077	51497	37.51	114.96
Hort. Crop 3	Bittergourd	0.2	11.41	62744	36344	51.33	112.29
Hort. Crop 4	Tomato	0.2	15.03	76653	36653	15.62	129.08
Hort. Crop 5	Amaranthus	0.25	7.50	22500	14250	15.38	109.56
Tuber Crop 1	Tapioca	1	314.50	786250	713250	34.35	129.68
Tuber Crop 2	Tania	0.7	89.62	403295	315095	53.35	110.09
Tuber Crop 3	Amorphophallus	1.5	336.15	1008450	773277	51.01	125.64
Others	Turmeric	0.2	74.46	372302	357502	22.41	112.20
Total				4390907	3210424		122.51

Brief: The farmer used to get annual income of Rs.1442814 from Grain cowpea, Banana, Bhindi, Bittergourd, Tomato, Amaranthus, Tapioca, Tania, Amorphophallus, Turmeric etc. He faced problems like Sigatoka and Dieghtoniella leaf spots in banana , non availability of nutrient efficient high tapioca variety, cassava mosaic disease etc. With DFI interventions like OFT, Training and Advisories etc., he is getting annual income of Rs.3210424.



Cultivation of Banana



Cultivation of turmeric



Name of farmer: Chako Thomas
Address: Anakuzhiyil ,Patherikal.
Kerala
Age: 65
Education: 8th Standard
Size of land holding (in acre): 1.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Grain Cowpea	0.04	0.06	365	165
Hort. Crop 1	Cowpea	0.04	1.79	7142	2742
Hort. Crop 2	Banana	0.6	31.11	99552	37752
Hort. Crop 3	Bitter Gourd	0.04	1.46	7290	3170
Hort. crop 4	Tomato	0.04	2.61	10421	3221
Tuber crop 1	Tapioca	0.12	29.16	46664	38984
Tuber crop 2	Tania	0.02	1.82	6908	4848
Others	Ginger	0.25	49.70	372756	342756
	Turmeric	0.1	34.85	104552	97552
Total				655650	531190

2) Status in 2020

Component Description		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	Grain cowpea	0.04	0.10	670	418	66.67	153.33
Hort. Crop 1	cowpea	0.04	2.16	10780	5732	20.67	109.04
Hort. Crop 2	banana	0.6	39.19	176364	94906	25.97	151.39
Hort. crop 3	Bitter gourd	0.04	2.22	12212	6932	52.05	118.68
Hort. Crop 4	tomato	0.04	2.89	14717	6717	10.73	108.54
Tuber crop 1	tapioca	0.12	38.89	97230	88470	33.37	126.94
Tuber crop 2	Tania	0.02	2.73	12275	9755	50.00	101.22
Others	Ginger	0.25	65.83	757045	723795	32.45	111.17
Others	Turmeric	0.1	41.73	208634	201234	19.74	106.28
Total				1289927	1137959		114.23

Brief: The farmer used to get annual income of Rs.531190 from Grain cowpea Banana, Tania, Tapioca, Bittergourd , Tomato , Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, phytophthora attack in seedlings of vegetables, non-availability of high yielding tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management, vermi composting, Advisories etc., He is getting annual income of Rs. 1137959.



Cultivation of Banana



Cultivation of Cowpea



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: Chandrashekharan Pillai
Address: Chandrashekharan Pillai,
Nithyalekshmi, Kareepra, Thalavoorkonam
Kerala
Age: 61
Education: Rtd. Agriculture assistant
Size of land holding (in acre): 31

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	27	364.50	1039770	277560
Hort. Crop 1	Banana	1	61.77	197664	94664
Hort. Crop 2	Coconut	0.5	13.20	26400	5900
Tuber Crop 1	Tapioca	1	261.0	417600	353600
Others	Ginger	0.25	49.71	372814	342814
	Turmeric	0.5	161.61	484819	449819
Total				2539067	1524357

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	27	453.60	1517832	679432	24	144.78
Hort. Crop 1	Banana	1	74.66	335948	200184	20.87	111.5
Hort. Crop 2	Coconut	0.5	15	37500	15250	13.64	158.5
Tuber Crop 1	Tapioca	1	315.52	788800	715800	21	102.43
Others	Ginger	0.25	64.00	735989	702739	28.75	105
	Turmeric	0.5	199.05	995255	958255	23	113.03
Total				4411323	3271660		114.63

Brief: The farmer used to get annual income of Rs.1524357 from Rice, , Banana, Coconut, Tapioca, Ginger, Turmeric etc. He faced problems like pest infection like rhizome weevil in banana, non availability of nutrient efficient high tapioca variety soft rot in ginger etc. He also attended classes for rice, banana from kvk, kollam. With DFI interventions like scientific production technology for rice, tuber crops, banana soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs.3271660.



Cultivation of rice



Cultivation of Ginger



Name of farmer: Daniel
Address: Paravilamelathil veedu, Kunnicode
Kerala
Age: 39
Education: SSLC
Size of land holding (in acre): 1.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.1	5.93	18989	8689
Hort. Crop 2	Cowpea	0.1	4.42	17664	6664
Hort. Crop 3	Coconut	0.25	6.36	12720	2470
Hort. Crop 4	Bitter gourd	0.1	4.02	20090	9790
Total				69463	27613

2) Status in 2020

Component Description		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	0.1	7.44	33480	19904	25.5	129.07
Hort. Crop 2	Cowpea	0.1	5.53	27645	15025	25	125.5
Hort. Crop 3	Coconut	0.25	7.25	18125	7000	14	183.40
Hort. Crop 4	Bitter gourd	0.1	6.35	34914	21714	58	121.8
Total			114164	63643			130.48

Brief: The farmer used to get annual income of Rs.27613 from cowpea, Banana, coconut ,bitter gourd etc. He faced problems like panama wilt in banana, rhinoceros beetle attack on coconut ,fruit fly attack on bitter gourd , poor soil fertility, high labour cost . With DFI interventions like scientific production technology for vegetables, tuber crops, banana, pulse, soil health management , training programmes vermi composting, Advisories etc., he is getting annual income of Rs.63463.



Cultivation of Banana



Cultivation of Pepper



Name of farmer: Elizabeth Wilson
Address: Emanuel Home, Karamcode, Chathannoor
Koippurathu, Kollam
Age: 52
Education: Degree
Size of land holding (in acre): 2 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	0.4	25.12	80371	39171
Hort. Crop 2	Bitter gourd	0.02	0.85	4272	2212
Horti.Crop 3	Amaranthus	0.05	2.30	5060	3560
Horti Crop 4	Tomato	0.05	3.50	14014	5014
Horti Crop 5	Bhindi	0.05	2.85	7974	5561
Horti .Crop 6	Coconut	0.5	12.72	25440	4940
Tuber Crop 1	Tapioca	0.25	67.50	108004	92004
Tuber Crop 2	Tania	0.02	2.04	7767	5707
Tuber Crop 3	Amorphophallus	0.02	3.24	8094	5243
Others	Ginger	0.05	12.19	91457	85457
	Turmeric	0.05	15.87	47595	44095
Total				400048	292964

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort .Crop 1	Banana	0.4	30.34	136512	82206	20.78	109.86
Horti .Crop 2	Bitter gourd	0.02	1.35	7405	4765	58.82	115.42
Horti.Crop 3	Amaranthus	0.05	3.01	9030	7380	30.87	107.30
Horti Crop 4	Tomato	0.05	3.97	20266	10266	13.43	104.75
Horti Crop 5	Bhindi	0.05	4.25	14879	12449	49.12	123.86
Horti .Crop 6	Coconut	0.5	14.50	36250	14000	13.99	183.40
Tuber Crop 1	Tapioca	0.25	85.32	213297	195047	26.40	112.00
Tuber Crop 2	Tania	0.02	3.24	14562	12042	58.82	111.00
Tuber Crop 3	Amorphophallus	0.02	4.79	14371	11236	47.84	114.30
Others	Ginger	0.05	15.82	181939	175289	29.78	105.12
Others	Turmeric	0.05	19.37	96840	93140	22.05	111.23
Total				745351	617820		110.89

Brief: The farmer used to get annual income of Rs.292964 from Banana, Bitter gourd, Amaranthus, Tomato, Bhindi, Coconut, Tapioca, Tania, Amorphophallus, Ginger, Turmeric etc. She faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, yellow vein mosaic disease in bhindi, Root wilt symptoms in coconut etc, so crop loss will occur etc. Climate change will seriously affect crop. With DFI interventions like trainings on Vermi composting, VAM etc. She had also undergone field trials on Amorphophallus in gajendra variety. She is getting annual income of Rs.617820.



Cultivation of Amaranthus



Cultivation of Turmeric



Name of farmer: Harish Kumar
Address: Harish bhavan ,Kuzhumathicadu
Kerala
Age:48
Education: PDC
Size of land holding (in acre): 4.3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	3.5	47.43	135181	36376
Hort. Crop 1	Banana	0.5	31.14	99648	48148
Hort. Crop 2	Bitter gourd	0.05	2.05	10229	5079
Hort. Crop 3	Tomato	0.05	3.75	15015	6015
Others	Ginger	0.1	9.62	72129	60129
	Turmeric	0.1	36.75	110255	103255
Total				442457	259002

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	3.5	58.98	197258	88576	24.35	143.50
Hort. Crop 1	Banana	0.5	37.87	170404	102522	21.61	112.93
Hort. Crop 2	Bitter gourd	0.05	3.15	17298	10698	53.66	110.63
Hort. Crop 3	tomato	0.05	4.36	22240	12240	16.27	103.49
Others	Ginger	0.1	16.40	188629	175329	70.48	191.59
	Turmeric	0.1	43.65	218263	210863	18.78	104.22
Total				814092	600228		131.75

Brief: The farmer used to get annual income of Rs.259002 from Rice, Banana, Bitter gourd ,tomato Ginger, Turmeric etc. He faced problems like sigatoka in banana, bacterial wilt of tomato , soft rot of ginger, non availability of high yielding turmeric variety etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, soil health management , application of biofertilizers , vermi composting, Advisories etc., He is getting annual income of Rs. 600228.



Rice field



Post harvest operation in rice



Name of farmer: Jaleela Beevi
Address: Nisarudheen, Thodayil veedu, kaanur
Kerala
Age: 50
Education: SSLC
Size of land holding (in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.8	46.62	149197	66797
Hort. Crop 2	Cowpea	0.1	4.12	16464	5464
Hort. Crop 3	Coconut	0.06	2.16	4315	1855
Tuber. Crop 1	Tapioca	0.2	47.31	75696	62896
Tuber. Crop 2	Amorphophallus	0.1	16.19	40463	26210
Tuber. Crop 3	Tania	0.1	11.08	42096	31796
Total				328231	195018

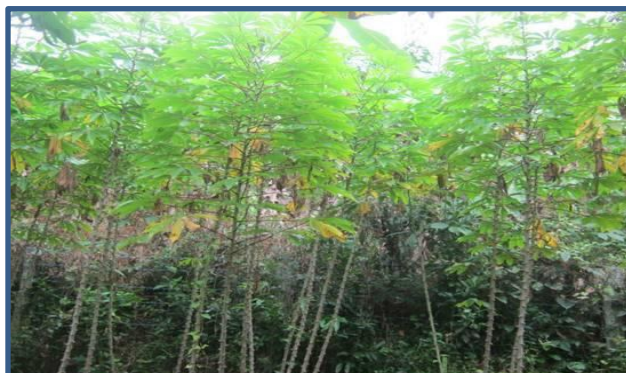
2) Status in 2020

Component Description		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	0.8	57.94	260712	152101	24.28	127.71
Hort. Crop 2	Cowpea	0.1	4.94	24720	12100	19.90	121.45
Hort. Crop 3	Coconut	0.06	2.57	6426	3756	18.98	102.48
Tuber. Crop 1	Tapioca	0.2	64.51	161280	146680	36.36	133.21
Tuber. Crop 2	Amorphophallus	0.1	23.62	70854	55176	45.89	110.52
Tuber. Crop 3	Tania	0.1	17.43	78413	65813	57.31	106.99
Total				602405	435626		123.38

Brief: The farmer used to get annual income of Rs.195018 from Banana, Tapioca, Colocasia, Cowpea, Amorphophallus, Coconut. She faced problems like sigatoka disease in banana, mosaic disease in tapioca, rhinoceros beetle attack in coconut. With DFI interventions like advisories and trainings, OFT, FLD etc., she is getting annual income of Rs. 435626.



Cultivation of Amorphophallus



Cultivation of Tapioca



Name of farmer: S. Janardhanan Pillai
Address: Velamkunnil Kizhakkathil, Cherupoika
Kerala
Age: 69
Education: 7th
Size of land holding (in acre): 6.9

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	4	54	154040	41120
Hort. Crop 1	Banana	1.6	91.03	291287	126487
Others	Ginger	0.2	35.91	269304	245304
	Turmeric	0.3	91.24	273715	252715
Total				988346	665626

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	4	67.20	224864	100656	24.44	144.79
Hort. Crop 1	Banana	1.6	111.84	503280	286058	22.86	126.16
Others	Ginger	0.2	49.87	573519	546919	38.87	122.96
	Turmeric	0.3	111.69	558453	536253	22.41	112.20
Total				1860116	1469886		120.83

Brief: The farmer used to get annual income of Rs.665626 from Rice, Banana, Ginger, Turmeric etc. He faced problems like sigatoka disease in banana, soft rot in ginger. With DFI interventions like scientific production technology for rice, banana, soil health management, FLD, vermi composting, seed treatment, Advisories etc., he is getting annual income of Rs.1469886.



Cultivation of banana



Cultivation of Turmeric



Name of farmer: Jaya Mohan Kurukkal

Address: Sukkadam, Uliyanadu, Karamkode P O

Kerala

Age: 56

Education: M A

Size of land holding (in acre): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	13.2	37700	9480
Hort. Crop 1	Cowpea	0.15	5.9985	23994	7494
Hort. Crop 2	Banana	1	52.48	167936	64936
Tuber Crop 1	Tapioca	0.15	35.033	56052	46452
Tuber Crop 2	Amorphophallus	0.15	22.365	55913	34535
Others	Ginger	0.15	25.019	187639	169639
	Turmeric	0.15	43.712	131135	120635
Total				660369	453171

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Rice	1	16.4	54740	23698	24	150
Hort. Crop 1	Cowpea	0.15	7.268	36338	17408	21	132.3
Hort. Crop 2	Banana	1	66.75	300375	164611	27	153.5
Tuber Crop 1	Tapioca	0.15	47.765	119413	108463	36	133.5
Tuber Crop 2	Amorphophallus	0.15	36.162	108486	84970	61.69	146.04
Others	Ginger	0.15	35.440	407562	387612	41.65	128.5
Others	Turmeric	0.15	52.940	264701	253601	21	110.22
Total				1291615	1040363		129.57

Brief: The farmer used to get annual income of Rs.453171 from Rice, Cowpea, Banana, Tania, Tapioca, Amorphophallus, Ginger, Turmeric etc. He faced problems like nutrient imbalance in banana, vegetables, and rice, non availability of high yielding nutrient efficient Cassava varieties, high yielding short duration rice varieties etc. With DFI interventions like soil test based nutrient management in banana and vegetables (Training and demonstration), OFT on high yielding short duration rice varieties (OFT on Cassava variety Sreepavitra), CFLD on pulses, trainings, advisories etc., he is getting annual income of Rs. 1040363.



Cultivation of Tapioca



Cultivation of Banana



Name of farmer: Johnson Daniel
Address: Karikkathil puthen veedu
Kerala
Age: 60
Education: Pre degree, ITI
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	Banana	0.3	17.54	56141	25241
Tuber Crop 1	Tapioca	0.25	57.44	91902	75902
Tuber Crop 2	Amorphophallus	0.1	15.26	38160	23907
Total				186203	125050

2) Status in 2020

Component Description		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	0.3	20.93	94163	53433	19	111.7
Tuber Crop 1	Tapioca	0.25	79.78	199453	181203	38.89	138.73
Tuber Crop 2	Amorphophallus	0.1	21.91	65736	50058	43.58	109.4
Total				359352	284694		127.66

Brief: The farmer used to get annual income of Rs.125050 from Banana, Tapioca and Amorphophallus. He faced problems like Sigatokka leaf spot in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs.284694



Cultivation of Banana



Cultivation of Tapioca



Effect of DFI intervention

Name of KVK: **KVK KOLLAM**

Name of farmer: **JYOTHI KUMAR R**

Address: **Kottakkath veedu, Thalavur**

Kerala

Age: **51**

Education: **SSLC ,ITI**

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

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort .Crop 1	Banana	0.85	50.73	162343	74793
Hort Crop 2	Cowpea	1.1	46.55	186208	65208
Hort Crop 3	Bitter gourd	0.25	9.43	47150	21400
Tuber Crop 1	Tapioca	0.9	218.99	350381	292781
Tuber Crop 2	Tania	0.05	4.91	18673	13523
Total				764755	467705

2) Status in 2020

Component Description		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	0.85	63.12	284045	168645	24	125.5
Hort Crop 2	Cowpea	1.1	55.48	277420	138600	19	112.6
Hort Crop 3	Bitter gourd	0.25	14.26	78430	45430	51	112.3
Tuber Crop 1	Tapioca	0.9	293.27	733163	667463	34	128
Tuber Crop 2	Tania	0.05	7.68	34549	28249	56	108.9
Total				1407607	1048387		124.16

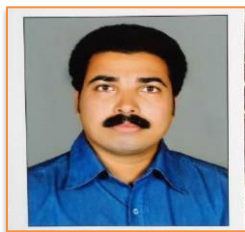
Brief: The farmer used to get annual income of Rs.467705 from Banana,Cowpea, Bittergourd,Tapioca and Tania. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, vegetables soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 1048387



Cultivation of Cowpea



Cultivation of Banana



Name of farmer: Jyothish Kumar M
Address: Vakkayil Padinjatethil , Vilakudy,
Kollam

Kerala

Age: 45

Education:

Size of land holding (in acre): 6.5

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	Rice	4	53.6	152600	39720
Field Crop 2	Blackgram	0.5	0.485	2668	168
Field Crop 3	Grain Cowpea	0.5	0.48	2640	140
Hort. Crop 1	Banana	1	55.89	178848	75848
Tuber Crop 1	Tapioca	0.15	37.802	60482	50882
Tuber Crop 2	Amorphophallus	0.1	14.518	36295	22043
Others	Ginger	0.15	27.888	209159	191159
Total				642692	379960

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	4	66.4	221240	97072	24	125.5
Field Crop 2	Blackgram	0.5	0.525	3518	368	19	112.6
Field Crop 3	Grain Cowpea	0.5	0.54	3510	360	51	112.3
Hort. Crop 1	Banana	1	75	338400	202636	34	128
Tuber Crop1	Tapioca	0.15	48.773	121931	110981	56	108.9
Tuber Crop2	Amorphophallus	0.1	23.808	71424	55747	63.99	152.90
Others	Ginger	0.15	35.435	407500	387550	27.06	102.74
Total				1167523	854714		124.95

Brief: The farmer used to get annual income of Rs.379960 from Rice ,Blackgram, Grain Cowpea, Tania, Tapioca, Amorphophallus, Ginger, Banana etc. He faced problems like non availability of high yielding varieties of Blackgram, Pest and disease incidence(mosaic and whiteflies in Tapioca) etc. With DFI interventions like improved varieties from CFLD, FLD(on Banana),OFT, Capacity development programmes on scientific production technologies for various crops, MDTU's and crop advisories etc., he is getting annual income of Rs. 854714 .



Cultivation of Paddy



Cultivation of Banana



Name of farmer: K Vijaykumar
Address: Lekshmi Bhavanm , edakada
Kerala
Age: 48
Education: diploma
Size of land holding (in acre): 1.45

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	cowpea	0.25	10.01	40040	12540
Hort. Crop 2	Banana	0.4	21.97	70304	29104
Hort. Crop 3	Bitter gourd	0.2	7.13	35640	15040
Hort. Crop 4	Bhindi	0.2	10.08	28224	18570
Hort . Crop 5	Coconut	0.1	3.19	6380	2280
Total				180588	77534

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.25	12.07	60331	28781	20.58	129.51
Hort. Crop 2	Banana	0.4	27.89	125487	71181	26.95	144.6
Hort. Crop 3	Bitter gourd	0.2	10.85	59653	33253	52	121.09
Hort. Crop 4	Bhindi	0.2	13.83	48391	38671	37	108.24
Hort . Crop 5	Coconut	0.1	3.96	9900	5450	24	139.03
Total				303762	177336		128.72

Brief: The farmer used to get annual income of Rs.77534 from Banana, cowpea , bitter gourd , bhindi , etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, leaf roller attack in bhindi etc..DFI intervention like FLD, Vermi composting, Training, Advisories etc., he is getting annual income of Rs. 177336.



Cultivation of Banana



Cultivation of Bhindi

Name of farmer: K. Rameshan

Address: Ramesh bhavan, Pulamon(P. O),

Kottarakara

Kerala

Age: 81

Education: 8th

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	Coconut	0.3	10.5	21000	8700
Hort. Crop 2	Amaranthus	0.25	96.75	212850	205350
Hort. Crop 3	Banana	0.35	19.63	62826	26776
Hort. Crop 4	Bitter gourd	0.15	8.72	43575	28125
Hort.Crop 5	Cowpea	0.3	13.04	52170	19170
Tuber crop 1	Tapioca	0.3	72.86	116579	97379
Others	Ginger	0.15	57.69	432675	414675
Total				941675	800175

2) Status in 2020

Component Description		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	0.3	13.65	34125	20775	24	125.5
Hort.Crop 2	Amaranthus	0.25	154	462000	453750	19	112.6
Hort. Crop 3	Banana	0.35	24.24	109091	61573	51	112.3
Hort. Crop 4	Bitter gourd	0.15	14.54	79992	60192	34	128.0
Hort. Crop 5	Cowpea	0.3	15.76	78813	40953	56	108.9
Tuber crop 1	Tapioca	0.3	95.8	239499	217599	24	125.5
Others	Ginger	0.15	108.26	1245045	1225095	19	112.6
Total				2248565	2079937		159.94

Brief: The farmer used to get annual income of Rs.800175/- from Coconut, Amaranthus, Banana, Bitter gourd, Cowpea, Tapioca, Ginger etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management , FLD, Training, Advisories etc., he is getting annual income of Rs. 2079937/-



Cultivation of Ginger



Cultivation of Amaranths

Name of farmer: L.K.Prakash
Address: Sreebhavam,Perumkulam.P.O
Kottarakara
Kerala
Age: 60
Education: SSLC
Size of land holding (in acre): 1.50 acres



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.75	45.41	145320	68070
Tuber crop 1	Tapioca	0.20	50.34	80550	67750
Tuber crop 2	Amorphophallus	0.25	42.45	106125	70493
Others	Ginger	0.30	65.94	494573	458573
Total				826568	664886

2) Status in 2020

Component Description		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	0.75	56.40	253800	151977	24.00	123.3
Tuber crop 1	Tapioca	0.20	69.75	174375	159775	38.56	135.83
Tuber crop 2	Amorphophallus	0.25	62.38	187125	147930	47.00	109.9
Others	Ginger	0.30	88.70	1019993	980093	34.52	113.72
Total				1635293	1439775		116.54

The farmer used to get annual income of Rs.664886/- from Banana, Tapioca, Amorphophallus and Ginger. He faced problems like soil acidity, pest and disease incidence. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management, trainings etc, he is getting annual income of Rs. 1439775/-.



Cultivation of banana



Cultivation of Amorphophallus



Name of farmer: Lathifa N
Address: Rahath Mansil, Mukkam, Mayyanad
P.O
Kerala
Age: 60
Education: 8th class
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	Cowpea	0.05	2.22	8880	3380
Hort. crop 2	Banana	0.2	13.30	42560	21960
Hort. Crop 3	Bittergourd	0.05	1.99	9936	4786
Hort. Crop 4	Bhindi	0.1	5.10	14275	9448
Hort. Crop 5	Tomato	0.2	14.42	57675	21675
Hort. Crop 6	Amaranthus	0.1	2.62	5764	2764
Hort. Crop 7	Coconut	0.05	1.62	3249	1199
Tuber Crop 1	Tapioca	0.15	30.71	49136	39536
Total				191475	104748

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crop 1	Cowpea	0.05	2.79	13965	7655	24.00	125.5
Hort. crop 2	Banana	0.2	16.20	72878	45726	19.00	112.6
Hort. Crop 3	Bittergourd	0.05	3.08	16916	10316	51.00	112.3
Hort. Crop 4	Bhindi	0.1	7.38	25813	20953	34.00	128.00
Hort. Crop 5	Tomato	0.2	16.45	83908	43908	56.00	108.9
Hort. Crop 6	Amaranthus	0.1	3.02	9060	5760	15.27	108.39
Hort. Crop 7	Coconut	0.05	2.04	5100	2875	25.93	139.78
Tuber Crop 1	Tapioca	0.15	43.14	107857	96907	40.48	145.11
Total				335497	234100		123.49

Brief: The farmer used to get annual income of Rs.104748 from cowpea, Banana, Tapioca, grain cowpea, etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety and tapioca mosaic disease and infestation of rhinoceros beetle in coconut and fusarium wilt in pulses. With DFI interventions like scientific production technology for tuber crops, banana, pulses, soil health management, FLD, vermi composting, OFT on tomato, Advisories etc., he is getting annual income of Rs. 234100.



Cultivation of tomato

Name of farmer: M.Bashir

Address: Panayil veedu, Elampazhanoor P.O,

Kadakkal

Kerala

Age: 68

Education: SSLC

Size of land holding (in acre): 3



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.5	20.7	58782	16437
Hort. Crop 1	Banana	0.75	46.73	149520	72270
Tuber Crop 1	Tapioca	0.25	63	100804	84804
Others	Ginger	0.2	39.77	298251	274251
	Turmeric	0.3	95.08	285233	264233
Total				892590	711995

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	25.50	85185	38607	24.0	125.5
Hort. Crop 1	Banana	0.75	56.29	253294	151471	19.0	112.6
TuberCrop 2	Tapioca	0.25	83.52	208800	190550	51.0	112.3
Others	Ginger	0.2	53.82	618985	592385	34.0	128.0
	Turmeric	0.3	115.60	577980	555780	56.0	108.9
Total				1744244	1528793		114.72

Brief: The farmer used to get annual income of Rs.711995 from Rice, Banana, Tapioca, Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 1528793.



Cultivation of rice



Cultivation of Ginger



Name of farmer: Manikutty
Address: Chinksvilla , Mancod
Age: 52
Education: B.sc
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	Banana	0.05	2.97	9494	4344
Hort. Crop 2	Bitter gourd	0.1	3.63	18150	7850
Tuber Crop 1	Tapioca	0.3	70.31	112493	93293
Tuber Crop 2	Tania	0.1	8.71	33106	22806
Tuber Crop 3	Amorphophallus	0.1	15.26	38160	23907
Others	Ginger	0.1	16.67	125034	113034
Total				336437	265234

2) Status in 2020

Component Description		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	3.49	15694	8906	24	125.5
Hort. Crop 2	Bitter gourd	0.1	6.05	33248	20048	19	112.6
Tuber Crop 1	Tapioca	0.3	94.45	236130	214230	51	112.3
Tuber Crop 2	Tania	0.1	13.22	59472	46872	34	128.0
Tuber Crop 3	Amorphophallus	0.1	23.90	71712	56034	56	108.9
Others	Ginger	0.1	23.62	271667	258367	24	125.5
Total				687923	604457		127.90

Brief: The farmer used to get annual income of Rs.265234 from Banana, Tania, Tapioca, Ginger, Amorphophallus etc. He faced problems like poor nutrition, disease infestation in ginger and bitter gourd etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 604457.



Cultivation of Ginger



Cultivation of Bitter gourd



Name of farmer: Manoj K S

Address: Koippurathu palappil, Anayadi, Sooranad north, Kollam Kerala

Age: 47

Education: Diploma in Electronics & Communication Engineering

Size of land holding (in acre): 3 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.5	20.25	57765	15420
Hort. Crop 1	Banana	0.2	12.11	38752	18152
Horti. Crop 2	Coconut	0.4	11.60	23200	6800
Horti. Crop 3	Tomato	0.04	2.73	10902	3702
Tuber. Crop 1	Tapioca	0.03	8.09	12939	11019
Tuber Crop 2	Tania	0.03	3.18	12069	8979
Tuber Crop 2	Amorphophallus	0.05	7.42	18550	11424
Others	Ginger	0.01	1.92	14434	13234
	Turmeric	0.01	3.17	9507	8807
Total				198118	97537

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/N o	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
Field Crop 1	Rice	1.5	25.20	84324	37746	24.0	144.78
Horti Crop 1	Banana	0.2	14.79	66550	39397	22.0	117.03
Hort. Crop 2	Coconut	0.24	12.90	32240	14440	11.0	112.35
Horti. Crop 3	Tomato	0.04	3.61	18433	10433	32.0	181.82
Tuber. Crop 1	Tapioca	0.03	11.02	27550	25360	36.0	130.14
Tuber Crop 2	Tania	0.03	5.28	23752	19972	66.0	122.43
Tuber Crop 2	Amorphophallus	0.05	11.21	33615	25776	51.0	125.63
Others	Ginger	0.01	2.63	30231	28901	37.0	118.40
Others	Turmeric	0.01	3.86	19317	18577	21.77	110.93
Total	.			336012	220602		126.17

Brief: The farmer used to get annual income of Rs.97537 from Rice, Banana, Tania, Tapioca, Ginger, Turmeric, coconut, tomato, etc. He faced problems like Nutrient deficiency disorders in banana, root wilt in coconut etc. With DFI interventions like soil health management, FLD, OFT, training, Advisories etc., he is getting annual income of Rs.220602.



Cultivation of Tapioca



Cultivation of Banana



Name of farmer: Mohanlal
Address: Panayil Puthenveedu , Ilayam
,vakanadu (P.O) kollam
Age: 38
Education: SSLC
Size of land holding (in acre): 0.7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop 1	Banana	0.3	17.48	55949	25049
Hort. Crop 2	Coconut	0.03	0.81	1620	390
Tuber Crop 1	Tania	0.01	0.72	2736	1706
Tuber Crop 2	Amorphophallus	0.1	13.49	33720	19467
Others	Ginger	0.03	4.81	36073	32473
	Turmeric	0.03	9.50	28510	26410
Total				158608	105495

2) Status in 2020

Component Description		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	0.3	24.84	111780	71051	24.00	125.5
Hort. Crop 2	Coconut	0.03	0.99	2475	1140	19.0	112.6
Tuber Crop 1	Tania	0.01	1.15	5185	3925	51.0	112.3
Tuber Crop 2	Amorphophallus	0.1	21.54	64629	48951	34.0	128.0
Others	Ginger	0.03	7.09	81525	77535	56.0	108.9
	Turmeric	0.03	11.56	57780	55560	21.68	110.37
Total				323374	258162		144.71

Brief: The farmer used to get annual income of Rs.105495 from Banana, Coconut, Tania, Amorphophallus, Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, Rhinoceros beetle in coconut etc.. With DFI interventions like pest control in coconut using Entomopathogenic Nematode in Cadaver form , FLD vermi composting, Advisories etc., he is getting annual income of Rs.258162.



Cultivation of Turmeric



Cultivation of Banana



Name of farmer: M R Ramachandran Pillai
Address: Raghava Vilasom, Amabalathumkala
Kerala
Age: 70
Education: SSLC
Size of land holding (in acre): 1.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.05	30.36	97152	45652
Hort. Crop 2	Coconut	0.02	5.50	11000	2800
Tuber Crop 1	Tapioca	0.2	47.85	76560	63760
Others	Ginger	0.1	21.8	163532	151532
	Turmeric	0.1	31.71	95115	88115
Total				443359	351859

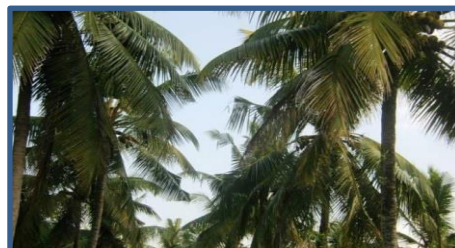
2) Status in 2020

Component Description		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	38.61	173745	105863	24	125.5
Hort crop 2	Coconut	0.02	6.60	16500	7600	19	112.6
Tuber crop 1	Tapioca	0.2	68.84	172098	157498	51	112.3
Others	Ginger	0.1	28.25	324837	311537	34	128.0
Others	Turmeric	0.1	39.87	199330	191930	56	108.9
Total				886510	774428		120.10

Brief: The farmer used to get annual income of Rs. 351859 from Banana, coconut, Tapioca, Ginger, Turmeric etc. He faced problems like Sigatoka in banana, non availability of nutrients in coconut, mite attack in tapioca etc. With DFI interventions like scientific production technology for tuber crops, banana, soil testing, quality planting material availability, FLD, pest and disease management, Advisories, Trainings etc, he is getting annual income of Rs.774428.



Cultivation of Tapioca



Cultivation of Coconut



Name of farmer: Muralidharan Pillai
Address: Sowparnika, Meeyana, P.O Oyoor
Kerala
Age: 59
Education: PG
Size of land holding (in acre): 4.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Rice	1.5	20.51	58341	15996
Field crop 3	Grain cowpea	0.2	0.20	1129	129
Field crop 4	Sesamum	0.15	0.16	1969	754
Hort crop 1	Cowpea	0.15	6.50	26000	9500
Hort crop 2	Tomato	0.04	2.48	9932	2732
Hort crop 3	Banana	0.7	43.85	140314	68214
Hort crop 4	Bhindi	0.01	0.37	1035	552
Hort crop 5	Amaranthus	0.05	1.31	2872	1372
Hort crop 6	Coconut	0.5	12.54	25080	4580
Tuber crop 1	Tapioca	1	247.67	396264	332264
Total				662936	436093

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Rice	1.5	25.35	84755	38177	24.00	125.5
Field crop 3	Grain cowpea	0.2	0.24	1608	348	19.00	112.6
Field crop 4	Sesamum	0.15	0.23	3419	1964	51.00	112.3
Hort crop 1	Cowpea	0.15	7.88	39407	20477	34.00	128.0
Hort crop 2	Tomato	0.04	2.85	14519	6519	56.00	108.9
Hort crop 3	Banana	0.7	52.64	236880	141845	20.05	107.94
Hort crop 4	Bhindi	0.01	0.52	1824	1338	40.54	142.39
Hort crop 5	Amaranthus	0.05	1.51	4521	2871	15.27	109.26
Hort crop 6	Coconut	0.5	14.10	35250	13000	12.44	183.84
Tuber crop 1	Tapioca	1	328.73	821825	748825	32.73	125.37
Total				1244008	975364		123.66

Brief: The farmer used to get annual income of Rs. 436093 from Rice, cowpea, banana, bhindi, amaranthus, tomato, blackgram, grain cowpea, sesamum,t apioca , coconut. He faced problems like poor soil health , incidence of pests like red palm weevil, bacterial wilt etc.. With DFI interventions like scientific production technology for rice, tuber crops, banana, FLD, Training, Advisories etc., he is getting annual income of Rs. 975364



Cultivation of Tapioca



Cultivation of Rice



Name of farmer: N.Rajappan

Address: Kannan Kulappura, Perumkulam P.O

Kottarakara

Kerala: 9526762586

Age: 61

Education: SSLC

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Grain cowpea	0.1	0.19	1083	583
Hort crop 1	Banana	1	60.76	194432	91432
Hort crop 2	Bhindi	0.1	4.58	12813	7986
Hort crop 3	Amaranthus	0.1	2.5	5500	2500
Hort crop 4	Tomato	0.1	7.01	28028	10028
Tuber crop 1	Tania	0.15	13.64	51842	36392
Tuber crop 2	Amorphophallus	0.1	16.98	42450	28197
Others	Ginger	0.1	19.24	144281	132281
	Turmeric	0.25	63.20	189900	172400
Total				670329	481799

2) Status in 2020

Component Description		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	Grain cowpea	0.1	0.3	2010	1380	57.88	136.70
Hort .crop 1	Banana	1	75.2	338400	202636	23.77	121.62
Hort.crop 2	Bhindi	0.1	6.29	22026	17166	37.00	115.0
Hort.crop 3	Amaranthus	0.1	2.8	8400	5100	12.00	104.00
Hort.crop 4	Tomato	0.1	8.02	40922	20922	14.40	108.63
Tuber crop 1	Tania	0.15	22.36	100602	81702	63.93	124.50
Tuber crop2	Amorphophallus	0.1	24.95	74850	59172	47.00	109.90
Others	Ginger	0.1	27.56	316993	303693	43.00	129.60
Others	Turmeric	0.25	80.13	400625	382125	26.79	121.70
Total				1304828	1073896		122.89

Brief: The farmer used to get annual income of Rs 481799 from grain cowpea, Bhindi, Amaranthus, Tomato, banana, ginger and turmeric. He faced problems like Sigatoka leaf spot in banana, Leaf roller in Bhindi. With DFI interventions like OFT, FLD, Training, Advisories etc., he is getting annual income of Rs. 1073896.



Cultivation of Ginger



Cultivation of Tomato



Name of farmer: Omanakuttan pillai
Address: Kulathintaemelathil,pooruvazhy
Kerala
Age: 50
Education: SSLC
Size of land holding (in acre): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Grain cowpea	0.5	0.54	3078	578
Hort. Crop 1	Banana	3	166.73	533520	224520
Hort. Crop 2	Amaranthus	0.3	31.32	68904	59904
Hort. Crop 3	Coconut	0.1	3.31	6612	2512
Tuber. Crop 1	Amorphophalus	0.8	112.15	280368	166344
Others	Ginger	0.3	61.55	461650	425650
Total				1354132	879508

2) Status in 2020

Component Description		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	Grain cowpea	0.5	0.65	4355	1205	20.00	108.50
Hort. Crop 1	Banana	3	199.29	896805	489513	19.53	118.02
Hort. Crop 2	Amaranthus	0.3	45.15	135450	125550	44.00	109.60
Hort. Crop 3	Coconut	0.1	4.22	10560	6110	27.50	143.23
Tuber. Crop 1	Amorphophalus	0.8	191.58	574733	449307	71.00	170.10
Others	Ginger	0.3	84.64	973324	933424	38.00	119.30
Total				2595227	2005109		127.98

Brief: The farmer used to get annual income of Rs.879508 from Coconut, Amaranthus, Grain cowpea, Amorphophalus, Ginger etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, Leaf eating Caterpillar. With DFI interventions like scientific production technology for Coconut, Amaranthus, Amorphophalus, Ginger, Training etc, he is getting annual income of Rs. 2005109.



Cultivation of Ginger



Cultivation of Banana



Name of farmer: P.Rajendran Pillai
Address: Munnupanku Villa, Eram,
Chathannoor. P. O, Kollam
Kerala
Age: 67
Education: SSLC
Size of land holding (in acre): 1.80

1) 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	0.5	28.81	92192	40692
Hort. Crop 2	Coconut	0.5	12.72	25440	4940
Tuber Crop 1	Tapioca	0.4	93.64	149818	124218
Tuber Crop 2	Tania	0.2	16.70	63452	42852
Others	Ginger	0.05	8.98	67326	61326
	Turmeric	0.1	30.41	91238	84238
Total				489466	358266

2) Status in 2020

Component Description		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	0.5	35.34	159030	91148	24.00	125.50
Hort. Crop 2	Coconut	0.5	14.50	36250	14000	19.00	112.60
Tuber Crop 1	Tapioca	0.4	125.80	314500	285300	51.00	112.30
Tuber Crop 2	Tania	0.2	25.61	115227	90027	34.00	128.00
Others	Ginger	0.05	12.47	143380	136730	56.00	108.90
	Turmeric	0.1	37.23	186151	178751	22.43	112.20
Total				954538	795956		122.17

Brief: The farmer used to get annual income of Rs.358266 from Banana, Coconut, Tania, Tapioca, Ginger, Turmeric etc. He faced problems like rhizome weevil in banana, root wilt in coconut, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like FLD, Training and Advisories etc., he is getting annual income of Rs.795956.



Cultivation of banana



Cultivation of tapioca



Name of farmer: Ponnamma

Address: Kallpurath vadathil, Edamanashery

South, East Mynagapally

Age: 60

Education: 7 th

Size of land holding (in acre): 1.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.75	10.22	29086	7913
Hort. Crop 1	Cowpea	0.02	0.94	3763	1563
Hort. Crop 2	Banana	0.02	1.23	3942	1882
Hort. Crop 4	Bitter gourd	0.02	0.8	3984	1924
Hort. Crop 3	Coconut	0.05	1.35	2700	650
Tuber crop 1	Tapioca	0.45	124.74	199584	170784
Tuber crop 2	Tania	0.02	2.18	8295	6235
Tuber crop 3	Amorphophallus	0.03	5.11	12780	8504
Others	Ginger	0.01	1.92	14428	13228
	Turmeric	0.01	3.11	9318	8618
Total				287880	221301

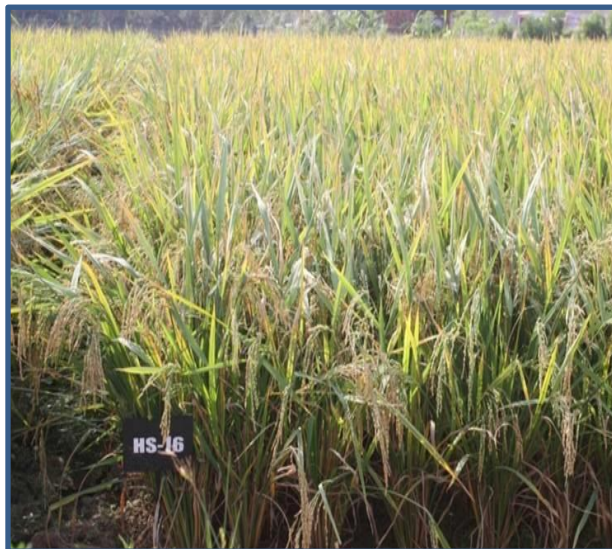
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.75	12.68	42377	19088	24.0	141.22
Hort. Crop 1	Cowpea	0.02	1.16	5782	3258	23.4	108.44
Hort. Crop 2	Banana	0.02	1.52	6840	4125	23.58	119.2
Hort. Crop 3	Bitter gourd	0.02	1.29	7104	4464	61.00	132.01
Hort . crop 4	Coconut	0.05	1.62	4056	1831	20.00	181.7
Tuber crop 1	Tapioca	0.45	154.4	385988	353138	23.78	106.8
Tuber crop 2	Tania	0.02	3.34	15023	12503	53.00	100.52
Tuber crop 3	Amorphophallus	0.03	7.34	22006	17302	43.6	103.5
Others	Ginger	0.01	2.97	34150	32820	54.69	148.11
	Turmeric	0.01	3.85	19272	18532	23.79	115.03
Total				542598	467061		111.05

Brief: The farmer used to get annual income of Rs.221301 from Rice, Cowpea, bittergourd, amorphophallus, coconut, Banana, Tania, Tapioca, Ginger, Turmeric etc. She faced problems like brown leaf spot in rice, Mites in coconut, non availability of nutrient efficient high tapioca variety, wilt in bittergourd, Panama wilt in banana, seedling blight in cowpea etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, soil health management, proper pest and disease management strategies, quality planting material, FLD, Advisories etc., She is getting annual income of Rs. 467061.



Cultivation of coconut



Cultivation of Rice



Name of farmer: N Muraleedharan Pillai
Address: Muraleedharan Pillai , Ratheesh Bhavanm, Kottathala P.O, Kottarakara. Kerala
Age: 63
Education: SSLC
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.)
Field Crop 1	Rice	0.15	2.04	5810	1576
Hort. Crop 1	Banana	0.3	18.22	58291	27391
Hort. Crop 2	Coconut	0.05	1.27	2544	494
Hort. Crop3	Bhindi	0.02	1.0	2791	1826
Tuber Crop 1	Tapioca	0.2	48.72	77952	65152
Others	Ginger	0.1	19.88	149079	137079
	Turmeric	0.02	6.34	19008	17608
Total				315475	251126

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.15	2.54	8475	3818	24.00	125.5
Hort. Crop1	Banana	0.3	22.52	101318	60588	19.00	112.6
Hort. Crop 2	Coconut	0.05	1.43	3563	1338	51.00	112.3
Hort. Crop 3	Bhindi	0.02	1.35	4731	3759	34.00	128.0
Tuber Crop 1	Tapioca	0.2	64.96	162400	147800	56.00	108.9
Others	Ginger	0.1	26.90	309398	296098	35.31	116.01
	Turmeric	0.02	7.70	38514	37034	21.45	110.32
Total				628399	550435		119.19

Brief: The farmer used to get annual income of Rs.251126 from Rice, Banana, coconut Bhindi, Tapioca, Ginger, Turmeric etc. He faced problems like disease (sigatoka)and pseudostem weevil in banana, yellow vein mosaic in bhindi, ginger rot .He got classes for rice banana from kvk kollam. With DFI interventions like scientific production technology for rice, tuber crops, banana, pulse, soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 550435.



Cultivation of banana



Cultivation of Rice



Name of farmer: Ponnann P
Address: Vandivila Veedu, Karamkode P O,
Chathannoor
Kerala
Age: 58
Education: SSLC
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	Banana	0.15	7.02	22464	7014
Tuber Crop 1	Tapioca	0.15	25.65	41040	31440
Tuber Crop 2	Tania	0.2	18.98	72124	51524
Tuber Crop 3	Amorphophallus	0.3	40.70	101760	59001
Others	Ginger	0.05	8.34	62517	56517
	Turmeric	0.05	14.57	43718	40218
Total				343623	245714

2) Status in 2020

Component Description		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	0.15	8.87	39933	19718	26.00	181.12
Tuber Crop 1	Tapioca	0.15	37.78	94453	83503	47.00	165.6
Tuber Crop 2	Tania	0.2	29.58	133110	107910	56.00	109.43
Tuber Crop 3	Amorphophallus	0.3	61.25	183762	136727	50.50	131.73
Others	Ginger	0.05	11.81	135833	129183	41.61	128.6
	Turmeric	0.05	17.97	89866	86166	23.00	114.24
Total				676957	563207		129.21

Brief: The farmer used to get annual income of Rs.245714 from Banana , tapioca, tania, Amorphophallus, Ginger, Turmeric etc. He faced problems like cassava mosaic disease in tapioca , pseudostem weevil attack in banana etc. With DFI interventions like Scientific production technology for banana, tuber crops, Advisories etc., he is getting annual income of Rs. 563207.



Cultivation of Turmeric



Cultivation of Ginger



Name of farmer: Radhakrishna Pillai
Address: R.K Mandiram, Ayanikkattukonam,
Madavoor P O
Kerala
Age: 53
Education: Predegree
Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.7	40.94	130995	58895
Tuber crop 1	Tapioca	0.5	121.52	194432	162432
Tuber crop 2	Tania	0.2	17.47	66394	45794
Tuber crop 3	Amorphophallus	0.25	39.31	98281	62649
Others	Ginger	0.25	41.68	312609	282609
Others	Turmeric	0.1	30.42	91253	84253
Total				893964	696632

2) Status in 2020

Component Description		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	0.7	50.88	228942	133907	24.00	125.50
Tuber crop 1	Tapioca	0.5	175.94	439850	403350	19.00	112.60
Tuber crop 2	Tania	0.2	29.81	134136	108936	51.00	112.30
Tuber crop 3	Amorphophallus	0.25	59.82	179460	140265	34.00	128.00
Others	Ginger	0.25	60.71	698139	664889	56.00	108.90
Others	Turmeric	0.1	35.95	179746	172346	18.18	104.56
Total				1860273	1623693		133.08

Brief: The farmer used to get annual income of Rs.696632 from Banana, Tania, Tapioca, Ginger, Turmeric, Amorphophallus etc. He faced problems like pseudostem weevil in Banana, mosaic disease in Tapioca etc DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management, Training, Advisories etc., he is getting annual income of Rs. 1623693.



Cultivation of Tapioca



Cultivation of banana

Name of farmer: Ramakrishnan. S

Address: Shibu nivas, cheruvakkal(p. o), Ayoor

Kerala

Age: 67

Education: 9th

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	Cowpea	0.1	4.33	17334	6334
Tuber Crop 1	Tapioca	0.3	97.58	156132	136932
Tuber Crop 2	Tania	0.25	22.71	86284	60534
Others	Turmeric	0.15	30.41	91241	80741
Total				350991	284541

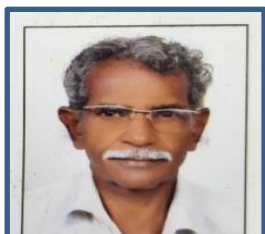
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.1	5.36	26785	14165	23.79	123.63
Tuber Crop 1	Tapioca	0.3	123.51	308786	286886	26.57	109.10
Tuber Crop 2	Tania	0.25	35.12	158049	126549	54.65	109.05
Others	Turmeric	0.15	43.33	216651	205551	42.5	154.60
Total				710271	633151		122.52

Brief: The farmer used to get annual income of Rs.284541/- from Tapioca, Tania, Cowpea, Turmeric etc. He faced problems like sucking pest in cowpea, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, soil health management, Fodder cowpea varieties in Kollam, vermi composting, Advisories etc., he is getting annual income of Rs. 633151/-



Cultivation of tapioca



Name of farmer: Rameshan K
Address: Ramesh Bhavan Pulamon PO
Kottarakkara
Kerala
Age: 82
Education: 8th Standard

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	0.75	34.17	109344	32094
Hort. Crop 2	Bittergourd	0.2	8.74	43700	23100
Tuber Crop 1	Amorphophallus	0.35	57.72	144305	94420
Total				297349	149614

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Component Description		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	0.75	41.07	184815	82992	20.00	158.60
Hort. Crop 2	Bitter gourd	0.2	13.68	75240	48840	56.52	111.42
Tuber Crop1	Amorphophallus	0.35	81.92	245763	190889	42.00	102.20
Total				505818	322721		115.70

Brief: The farmer used to get annual income of Rs.149614 from Banana , bittergourd, Amorphophallus etc. He faced problems like pseudostem weevil attack in banana , fruit fly attack in bittergourd etc. With DFI interventions like Organic pesticide like Shreya, Advisories, Training etc., he is getting annual income of Rs. 322721.



Cultivation of Banana



Cultivation of Amorphophallus



Name of farmer: Ravi G
Address: Mundakkavila Veedu,
Karamkode, Chathannoor P O
Kerala
Age: 58
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	Banana	0.3	13.87	44381	13481
Hort. Crop 2	Bhindi	0.1	4.22	11827	7000
Hort. Crop 2	Tomato	0.10	6.70	26800	8800
Tuber Crop 1	Tapioca	0.35	64.05	102480	80080
Tuber Crop 2	Amorphophallus	0.2	33.85	84630	56124
Others	Ginger	0.2	33.34	250068	226068
	Turmeric	0.2	58.29	174874	160874
Total				695060	552427

2) Status in 2020

Component Description		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	0.3	16.87	75924	35195	23.79	123.63
Hort. Crop 2	Bhindi	0.1	6.08	21266	16406	26.57	109.1
Hort. Crop 2	Tomato	0.10	7.82	39860	19860	54.65	109.05
Tuber Crop 1	Tapioca	0.35	100.36	250906	225356	56.69	181.41
Tuber Crop 2	Amorphophallus	0.2	48.80	146412	115056	44.17	105.00
Others	Ginger	0.2	48.56	558426	531826	45.65	135.25
Others	Turmeric	0.2	71.89	359464	344664	23.33	114.24
Total				1452258	1288363		133.22

Brief: The farmer used to get annual income of Rs.552427 from Banana , Bhindi, Tomato, Tapioca, Amorphophallus, Ginger, Turmeric etc. He faced problems like Sigatoka leaf spot in banana , Leaf roller attack in Bhindi, Mosaic disease in Tapioca etc. With DFI interventions like Scientific production technology for banana, Tubers, vegetables, Advisories, Training etc., he is getting annual income of Rs. 1288363.



Cultivation of Banana



Cultivation of Tapioca



Name of farmer: Regi Y
Address: Vattavila Veedu ,Kareepra
Kerala
Age: 49
Education: ITI
Size of land holding (in acre): 2.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	13.52	38555	10325
Hort. Crop 1	cowpea	0.5	22.20	88800	33800
Hort. Crop 2	Banana	0.25	14.92	47748	21998
Others	Ginger	0.1	19.88	149095	137095
Total				324198	203218

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1	16.85	56360	25308	24.63	145.11
Hort. crop 1	cowpea	0.5	27.79	138938	75838	25.00	124.4
Hort. Crop 2	Banana	0.25	18.47	83098	49157	23.79	123.5
Others	Ginger	0.1	29.54	339687	326387	48.59	138.1
Total				618083	476690		134.57

Brief: The farmer used to get annual income of Rs.203218 from Rice, cowpea, Banana, Ginger, etc. He faced problems like psuedostem weevil attack in banana, brown spot in rice, poor soil health , high labour cost , etc. With DFI interventions like scientific production technology for rice, tuber crops, soil health management , VAM application , vermi composting, Advisories etc., he is getting annual income of Rs. 476690.



Cultivation of banana



Cultivation of rice



Name of farmer: Renjini S
Address: Harimanthiram, vanampuzha (P.O)
Kunnathoor
Kerala Age: 40
Education: B.Com
Size of land holding (in acre): 1

1

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	0.5	28.60	91520	40020
Tuber crop 1	Tapioca	0.2	48.44	77504	64704
Tuber Crop 2	Tania	0.075	5.43	20634	12909
Tuber crop 3	Amorphophallus	0.075	9.84	24604	13915
Others	Turmeric	0.1	28.50	85509	78509
	Ginger	0.05	8.01	60103	54103
Total				359874	264160

2) Status in 2020

Component Description		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	0.5	34.97	157343	89461	24	125.5
Tuber Crop 1	Tapioca	0.2	66.82	167040	152440	19	112.6
Tuber Crop2	Tania	0.075	8.96	40325	30875	51	112.3
Tuber crop 3	Amorphophallus	0.075	16.13	48375	36616	34	128.0
Others	Turmeric	0.1	35.96	179816	172416	56	108.9
Others	Ginger	0.05	13.78	158509	151859	24	125.5
Total				751408	633667		139.88

Brief: The farmer used to get annual income of Rs.264160 from Banana, Tania, Tapioca, amorphophallus, Ginger, Turmeric etc. She faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, rhizome rot in ginger etc.. With DFI interventions like FLD vermi composting, Advisories etc., she is getting annual income of Rs.633667.



Cultivation of Banana



Cultivation of Turmeric



Name of farmer: Sachu V R
Address: Hari Bhavan, East Kallada
Kerala
Age: 51
Education: VHSE
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	Rice	0.8	10.40	29904	7320
Hort. Crop 1	Bitter gourd	0.2	7.01	35045	14445
Hort. Crop 2	Amaranthus	0.1	2.65	5830	2830
Hort. Crop 3	Cowpea	0.2	8.88	35520	13520
Tuber Crop 1	Tapioca	0.3	73.08	116928	97728
Tuber Crop 2	Tania	0.1	6.84	25992	15692
Tuber Crop 3	Amorphophallus	0.1	15.76	39405	25152
Other Crops	Ginger	0.02	3.98	29834	27434
Other Crops	Turmeric	0.03	8.56	25669	23569
Total				344127	227690

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.8	13.20	44284	19442	27	165.60
Hort. Crop 1	Bitter gourd	0.2	10.92	60060	33660	56	133.02
Hort. Crop 2	Amaranthus	0.1	3.08	9240	5940	16	109.89
Hort. Crop 3	Cowpea	0.2	10.69	53460	28220	20	108.72
Tuber Crop 1	Tapioca	0.3	96.05	240120	218220	31	123.3
Tuber Crop 2	Tania	0.1	11.34	51030	38430	66	144.90
Tuber Crop 3	Amorphophallus	0.1	23.95	71856	56178	52	123.4
Other Crops	Ginger	0.02	5.25	60426	57766	32	110.6
Other Crops	Turmeric	0.03	10.79	53945	51725	26	119.5
				644421	509581		123.80

Brief: The farmer used to get annual income of Rs.227690 from Rice, Bitter gourd, Amaranthus, Cowpea, Amorphophallus, Tania, Tapioca, Ginger, Turmeric etc. She faced problems like blight of amaranthus, bhindi fruit borer, shattering of grains in rice etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, vegetables, FLD, Training and Advisories etc., she is getting annual income of Rs. 509581.



Cultivation of Cowpea



Cultivation of Amaranthus



Name of farmer: Saleena M
Address: Ayoob khan Manzil, Meeyana P O
Oyoor
Kerala
Age: 38
Education: Plus Two
Size of land holding (in acre): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	13.40	38284	10054
Hort. Crop 1	Banana	0.8	38.09	121882	39482
Tuber Crop 1	Tapioca	0.5	87	139200	107200
Tuber Crop 2	Tania	0.3	25.12	95441	64541
Tuber Crop 3	Amorphophallus	0.3	50.54	126360	83601
Others	Ginger	0.2	35.91	269304	245304
Others	Turmeric	0.2	60.83	182477	168477
Total				972948	718659

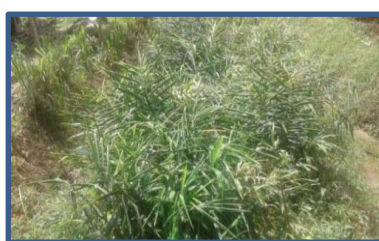
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1	16.90	56503	25451	26.0	153.14
Hort. Crop 1	Banana	0.8	45.60	205200	96589	20.0	144.64
Tuber Crop 1	Tapioca	0.5	137.56	343906	307406	58.0	186.8
Tuber Crop 2	Tania	0.3	39.84	179280	141480	58.60	119.20
Tuber Crop 3	Amorphophallus	0.3	71.86	215568	168533	42.0	101.6
Others	Ginger	0.2	51.20	588791	562191	42.58	129.2
	Turmeric	0.2	75.4	378721	363921	24.0	116.00
Total				1967969	1665571		131.76

Brief: The farmer used to get annual income of Rs.718659 from Rice, Banana, Tapioca, Tania, Amorphophallus, Ginger, Turmeric etc. She faced problems like fusarium wilt in banana, Mosaic disease in Tapioca, Collar rot in Amorphophallus etc. With DFI interventions like Scientific production technology of banana, tuber crops, Advisories, Training etc., she is getting annual income of Rs. 1665571.



Cultivation of Tapioca



Cultivation of Ginger



Name of farmer: Sashidharan Pillai
Address: Parimanathuveedu, Pallimuri
Kerala
Age: 54
Education: Degree
Size of land holding (in acre): 1.8

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	Banana	0.2	12.01	38419	17819
Hort. Crop 2	Tomato	0.1	6.71	26827	8827
Tuber. Crop 1	Tapioca	1	251.72	402752	338752
Tuber. Crop 2	Tania	0.2	18.20	69141	48541
Tuber. Crop 3	Amorphophalus	0.15	18.99	47475	26096
Total				584614	440035

2) Status in 2020

Component Description		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	0.2	14.93	67190	40037	23.79	123.63
Hort. Crop 2	Tomato	0.1	7.73	39427	19427	26.57	109.1
Tuber. Crop 1	Tapioca	1	338.36	845888	772888	54.65	109.05
Tuber. Crop 2	Tania	0.2	28.08	126378	101178	54.29	108.44
Tuber. Crop 3	Amorphophallus	0.15	32.06	96170	72652	68.83	178.40
Total				1175053	1006182		128.66

Brief: The farmer used to get annual income of Rs.440035 from Banana, Tapioca, Tania, Amorphophallus, Tomato etc. He faced problems like poor soil health (deficiency of B, Ca etc), Mosaic disease in tapioca, etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, Advisories etc., he is getting annual income of Rs.1006182.



Cultivation of Tapioca



Cultivation of Tapioca



Name of farmer: Shajahan

**Address: palakulam,
mancod, Kerala**

Age: 50

Education: SSLC

Size of land holding (in acre): 1.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.15	9.45	33091	17641
Hort. Crop 2	Bittergourd	0.1	3.80	18975	8675
Hort. Crop 3	Amaranthus	0.05	1.25	2750	1250
Tuber Crop 1	Tapioca	0.4	96.14	153824	128224
Tuber Crop 2	Tania	0.01	0.87	3045	2015
Tuber Crop 3	Amorphophallus	0.01	1.43	3564	2139
Others	Ginger	0.25	44.88	336630	306630
Total				551879	466574

2) Status in 2020

Component Description		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	0.15	11.29	56453	36088	23.79	123.63
Hort. Crop 2	Bittergourd	0.1	5.74	31543	18343	26.57	109.1
Hort. Crop 3	Amaranthus	0.05	1.45	4350	2700	54.65	109.05
Tuber Crop 1	Tapioca	0.4	124.08	310210	281010	29.06	119.16
Tuber Crop 2	Tania	0.01	1.20	5383	4123	37.93	104.62
Tuber Crop 3	Amorphophallus	0.01	1.99	5966	4398	39.16	105.61
Others	Ginger	0.25	82.03	943288	910038	82.78	196.79
Total				1357193	1256700		169.35

Brief: The farmer used to get annual income of Rs. 466574 from Banana, Tania, Tapioca, Ginger, Bittergourd, Amaranthus etc. He faced problems like diseases infestation in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, FLD, vermi composting, Advisories etc., he is getting annual income of Rs.1256700.



Cultivation of Banana



Cultivation of Ginger



Name of farmer: Shemeer

Address: Pallippura veedu, Thalachira P
.O, Kottarakkara Kerala

Age: 35

Education: Diploma

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.)
Field .Crop 1	Cowpea	0.02	0.82	3272	1072
Horti.Crop 1	Banana	0.6	39.31	125798	63998
Horti Crop 2	Bhindi	0.02	1.06	2974	2008
Tuber crop 1	Tania	0.03	2.74	10403	7313
Total				142447	74391

2) Status in 2020

Component Description		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	Cowpea	0.02	1.03	5152	2628	25.61	145.14
Horti.Crop 1	Banana	0.6	47.72	214758	133300	21.40	108.3
Horti Crop 2	Bhindi	0.02	1.58	5519	4547	49.00	126.44
Tuber crop 1	Tania	0.03	4.70	21141	17361	71.53	137.4
Total				246570	157836		112.17

Brief: The farmer used to get annual income of Rs.74391 from cowpea, banana, bhindi, tania etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, yellow vein mosaic disease in bhindi, so crop loss will occur etc. Climate change will seriously affect crop . With DFI interventions like scientific production technology for tuber crops, banana, trainings etc., .he is getting annual income of Rs.157836.



Cultivation of Banana



Cultivation of Cowpea



Name of farmer: N. Shivan pillai
Address: keezhottu vadakkathil puthen veed,
kalayapuram, kottarakkara
Kerala
Age: 59
Education: Bcom, MA
Size of land holding (in acre):0.78

1) 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	Greengram	0.03	2.11	13724	13574
Hort. Crop1	Banana	0.35	20.71	66259	30209
Hort. Crop 2	Bittergourd	0.05	1.94	9694	4544
Hort. Crop 3	Amaranthus	0.01	21.40	47084	46784
Hort. Crop 4	Coconut	0.1	2.81	5616	1516
Tuber crop1	Amorphophallus	0.08	12.58	31450	20048
Tuber crop 2	Tapioca	0.02	4.87	7786	6506
Tuber crop 3	Tania	0.07	6.11	23206	15996
Others	Ginger	0.04	8.21	61565	56765
Others	Turmeric	0.03	9.89	29657	27557
Total				296041	223499

2) Status in 2020

Component Description		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	Greengram	0.03	3.51	28080	27891	23.79	123.63
Hort. Crop1	Banana	0.35	25.99	116960	69442	26.57	109.1
Hort. Crop 2	Bittergourd	0.05	2.98	16368	9768	54.65	109.05
Hort. Crop 3	Amaranthus	0.01	33.44	100320	99990	56.26	113.73
Hort. Crop 4	Coconut	0.1	3.48	8703	4253	23.84	180.54
Tuber crop 1	Amorphopallus	0.08	19.56	58682	46140	55.48	130.15
Tuber crop2	Tapioca	0.02	6.67	16668	15208	36.96	133.75
Tuber crop3	Tania	0.07	10.42	46891	38071	70.54	138.00
Others	Ginger	0.04	11.29	129816	124496	37.52	119.32
Others	Turmeric	0.03	11.94	59706	57486	20.73	108.61
Total				582194	492745		120.47

Brief: The farmer used to get annual income of Rs.223499 from Banana, Bittergourd, amaranthus, greengram, tapioca, tania, amorphophallus, coconut, Ginger, turmeric etc and faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety Eriophid mite attack, sigatoka etc. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management , Advisories etc., he is getting annual income of Rs. 492744.



Cultivation of turmeric



Cultivation of banana



Name of farmer: Somashekharan Pillai

Address: Manapurath veedu ,Koikal

Bhagam,West Kallada

Kerala

Age:65 Education:SSLC

Size of land holding (in acre): 1.8

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.)
Field Crop 1	Rice	1.5	20.25	57765	15420
Hort Crop 1	Banana	0.1	5.76	18438	8138
Hort Crop 2	Bhindi	0.05	2.66	7434	5021
Hort Crop 3	Tomato	0.05	3.25	13000	4000
Tuber Crop 1	Tapioca	0.1	23.41	37454	31054
Total	Total			134091	63633

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	25.20	84324	37746	24.4	144.8
Hort Crop 1	Banana	0.1	7.07	31806	18230	23	124.01
Hort Crop 2	Bhindi	0.05	3.71	12971	10541	39.5	109.93
Hort Crop 3	Tomato	0.05	3.76	19163	9163	16	129.1
Tuber Crop 1	Tapioca	0.1	31.45	78625	71325	34	129.7
Total				226889	147005		131.02

Brief: The farmer used to get annual income of Rs.63633 from Rice, Banana, Tapioca, Tomato, Bhindi etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety , wilt in tomato etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, vegetables soil health management , Advisories etc., he is getting annual income of Rs. 147005.



Cultivation of Rice



Cultivation of Banana

Name of farmer: Sreekumar T S
Address: Cattle Farm, Santhigiri Asramam,
Pallikkal
Kerala
Age: 41
Education: Bcom
Size of land holding (in acre): 5.7



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. crop 1	Banana	1	55.25	176800	73800
Hort. crop 2	Cowpea	0.05	2.425	9700	4200
Hort. Crop 3	Coconut	1.5	10.18	20352	3952
Hort. Crop 4	Bhindi	0.05	4.58	12813	7986
Tuber crop 1	Tapioca	1	242.48	387968	323968
Tuber crop 2	Tania	1	1.25	4759	3214
Tuber crop 3	Amorphophallus	1	196.88	492200	349670
Others	Ginger	0.05	12.51	93799	87799
	Turmeric	0.05	16.48	49436	45936
Total				1247827	900525

2) Status in 2020

Component Description		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	68.82	309690	173926	23.79	123.63
Hort. crop 2	Cowpea	0.05	2.98	14883	8573	26.57	109.1
Hort. Crop 3	Coconut	1.5	11.56	29000	11200	54.65	109.05
Hort. Crop 4	Bhindi	0.05	6.29	22026	17166	37.34	114.95
Tuber crop 1	Tapioca	1	328.73	821825	748825	35.57	131.14
Tuber crop 2	Tania	1	1.92	8642	6752	53.60	110.08
Tuber crop 3	Amorphophallus	1	295.59	886770	729988	50.14	108.76
Others	Ginger	0.05	16.08	184938	178288	28.54	103.06
	Turmeric	0.05	19.91	99557	95857	20.81	108.68
Total				2377331	1970575		118.83

Brief: The farmer used to get annual income of Rs.900525 from Banana ,Cowpea, Coconut, Bhindi, Tania, Tapioca, Amorphophallus,Ginger, Turmeric etc. He faced problems like panama wilt of banana, rhizome rot of ginger etc. With DFI interventions like scientific production technology for coconut, tuber crops, banana, pulse, soil health management , training etc., he is getting annual income of Rs. 1970575.



Cultivation of Ginger



Cultivation of banana



Name of farmer: Sudhakaran Pillai

Address: Darshanam, Anayadi

Kerala

Age: 61

Education: SSLC

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	Banana	0.3	18.27	58464	27564
Hort. crop 2	Coconut	0.03	0.90	1800	570
Hort. crop 3	Bhindi	0.05	2.64	7392	4979
Hort. crop 4	Bitter gourd	0.25	10.23	51144	25394
Hort. crop 5	Tomato	0.1	8.02	32064	14064
Hort. crop 6	Cowpea	0.05	1.4	5580	2280
Hort. crop 7	Amaranthus	0.05	1.3	2861	1361
Tuber crop 1	Tapioca	0.05	12.15	19443	16243
Tuber crop 2	Tania	0.01	1.09	4148	3118
Tuber crop 3	Amorphophallus	0.005	0.63	1586	874
Others	Ginger	0.04	7.7	57717	52917
	Turmeric	0.01	3.17	9506	8806
Total				251705	158170

2) Status in 2020

Component Description		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	0.3	22.56	101520	60791	23.79	123.63
Hort. crop 2	Coconut	0.03	1.14	2846	1511	26.57	109.1
Hort. crop 3	Bhindi	0.05	3.82	13353	10923	54.65	109.05
Hort. crop 4	Bitter gourd	0.25	17.15	94325	61325	67.64	141.49
Hort. crop 5	Tomato	0.1	9.45	48205	28205	17.83	100.55
Hort. crop 6	Cowpea	0.03	1.74	8700	4914	24.29	115.53
Hort. crop 7	Amaranthus	0.05	3.0	9003	7353	130.77	440.26
Tuber crop 1	Tapioca	0.05	16.70	41760	38110	37.45	134.62
Tuber. crop 2	Tania	0.01	1.67	7533	6273	53.21	101.19
Tuber crop3	Amorphophallus	0.005	0.99	2982	2198	57.14	151.49
Others	Ginger	0.04	10.50	120741	115421	36.36	118.12
Others	Turmeric	0.01	3.85	19260	18520	21.45	110.31
Total				470228	355544		124.79

Brief: The farmer used to get annual income of Rs.158170 from Banana, Tania, Tapioca, Ginger, Turmeric, tomato, cowpea, bitter gourd, bhindi, coconut etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of quality planting material for ginger and turmeric, collar rot in cowpea, rhizome rot in ginger etc. etc. With DFI interventions like pest and disease management strategies, scientific production technology for tuber crops, banana, soil health management , FLD, Advisories etc, he is getting annual income of Rs.355544.



Cultivation of Bittergourd



Cultivation of Banana



Name of farmer: Sundharan
Address: Chaythanya , Vallam
Age: 55
Education:10th
Size of land holding (in acre): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cowpea	0.5	23.03	92120	37120
Hort. Crop 2	Banana	1	52.03	166506	63506
Hort. Crop 3	Bitter gourd	0.5	20.34	101675	50175
Hort. Crop 4	Coconut	0.4	18.56	37120	20720
Tuber Crop 1	Tapioca	0.5	123.83	198132	166132
Tuber Crop 2	Tania	0.5	45.50	172900	121400
Tuber Crop 3	Amorphophalus	0.5	82.88	207188	135923
Others	Ginger	0.2	44.89	336683	312683
Others	Turmeric	0.2	73.51	220528	206528
Total				1532852	1114187

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Hort. Crop.1	Cowpea	0.5	27.72	138600	75500	20.4	103.4
Hort. Crop. 2	Banana	1	65.68	295538	159774	26	151.6
Hort. Crop. 3	Bittergourd	0.5	30.55	168025	102025	50.2	103.33
Hort. Crop. 4	Coconut	0.4	28.16	70400	52600	52	153.9
Tuber Crop 1	Tapioca	0.5	162.23	405563	369063	31	122.2
Tuber Crop 2	Tania	0.5	70.38	316710	253710	55	109
Tuber Crop 3	Amorphophalus	0.5	122.38	367133	288742	48	112.43
Others	Ginger	0.2	61.9	711839	685239	38	119.14
	Turmeric	0.2	93.76	468806	454006	27.50	119.82
Total				2942614	2440659		119.05

Brief: The farmer used to get annual income of Rs.1114187 from Cowpea, Bittergourd, Banana, Tapioca, Tania, Amorphophalus, Coconut, Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca etc), yellowing of bittergourd, Mosaic disease of tapioca , Rhinoceros beetle in coconut, soft rot of ginger and turmeric etc. With DFI interventions like scientific production technology for , tuber crops, banana, soil health management , FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 2440659.





Name of farmer: Sunil Samuval
Address: Sunil bhavan, Pulamon(P. O),
Kottarakara
Kerala
Age: 32
Education: plus two
Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1	54.5	174384	71384
Tuber Crop 1	Tania	0.5	45.44	172663	121163
Tuber Crop 2	Amorphophallus	0.5	78.37	195915	124650
Total				542962	317197

2) Status in 2020

Component Description		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	68.33	307476	171712	23.79	123.63
Tuber Crop 1	Tania	0.5	70.31	316404	253404	26.57	109.1
Tuber Crop 2	Amorphophallus	0.5	114.49	343482	265091	54.65	109.05
Total				967362	690207		117.60

Brief: The farmer used to get annual income of Rs.317197/- from Banana, Tania, Amorphophallus, etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana. With DFI interventions like scientific production technology for tuber crops, banana, Advisories etc., he is getting annual income of Rs.690207/-



Cultivation of banana



Cultivation of Amorphophallus



Name of farmer: Suresh S
Address: Pournami, Akkal P O, Perappayam
Kerala
Age: 50
Education:SSLC
Size of land holding (in acre):3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	2	93.84	300288	94288
Tuber Crop 1	Tapioca	0.5	88.50	141600	109600
Tuber Crop 2	Tania	0.2	17.47	66394	45794
Tuber Crop 3	Amorphophallus	0.3	46.66	116640	73881
Others	Ginger	0.2	33.34	250068	226068
	Turmeric	0.2	57.02	171072	157072
Total				1046062	706703

2) Status in 2020

Component Description		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	115.52	519840	248312	23	163.4
Tuber Crop 1	Tapioca	0.5	139.50	348750	312250	58	184.9
Tuber Crop 2	Tania	0.2	28.22	126990	101790	61.53	122.3
Tuber Crop 3	Amorphophallus	0.3	68.86	206586	159551	47.58	116
Others	Ginger	0.2	49.89	573694	547094	49.64	142.00
	Turmeric	0.2	74.46	372302	357502	30.59	127.60
Total				2148162	1726499		144.30

Brief: The farmer used to get annual income of Rs.706703 from Rice, Banana , Tapioca, Tania, Amorphophallus, Ginger, Turmeric etc. He faced problems like rhizome weevil attack in banana , Collar rot in Amorphophallus etc. With DFI interventions like Scientific production technology of banana, tuber crops , Advisories, Training etc., he is getting annual income of Rs. 1726499.



Cultivation of Banana



Cultivation of Ginger



Name of farmer: Syamalakumari

Address: Sruthi bhavan, Eranoor, Panaveli(p. o),

Kottarakara

Kerala

Age: 48

Education: Degree

Size of land holding (in acre): 0.60

1) 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	0.35	20.17	64534	28484
Hort. Crop 2	Coconut	0.06	1.53	3053	593
Tuber Crop 1	Tapioca	0.05	11.7	18727	15527
Tuber Crop 2	Tania	0.02	1.67	6345	4285
Tuber Crop 3	Amorphophallus	0.02	2.97	7420	4569
Others	Ginger	0.05	8.98	67326	61326
	Turmeric	0.05	15.21	45619	42119
Total				213024	156903

2) Status in 2020

Component Description		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	0.35	24.74	111321	63804	23.79	123.63
Hort. Crop 2	Coconut	0.06	1.74	4350	1680	26.57	109.1
Tuber. Crop 1	Tapioca	0.05	15.73	39313	35663	54.65	109.05
Tuber. Crop 2	Tania	0.02	2.56	11523	9003	53.29	110.11
Tuber. Crop 3	Amorphophallus	0.02	4.48	13446	10310	50.84	125.65
Others	Ginger	0.05	12.47	143380	136730	38.86	122.96
	Turmeric	0.05	18.62	93076	89376	22.42	112.20
Total				416409	346566		120.88

Brief: The farmer used to get annual income of Rs.156903/- from Banana, Coconut, Tapioca, Tania, Amorphophallus, Ginger, Turmeric etc. She faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, vermi composting, Advisories etc., she is getting annual income of Rs. 346566.



Cultivation of Tapioca



Cultivation of banana



Name of farmer: Thulaseedharan Pillai

Address: Anayadi puthenveedu Perumkulam.P.O

Kerala

Age: 67

Education: Degree

Size of land holding (in acre): 2.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1.5	93.45	299040	144540
Tuber crop 1	Tapioca	0.5	119.49	191180	159180
Total				490220	303720

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti. crop 1	Banana	1.5	113.40	510300	306654	23.79	123.63
Tuber crop 1	Turmeric	0.5	171.55	428875	392375	26.57	109.1
Total				939175	699029		130.16

Brief: The farmer used to get annual income of Rs. 303720 from banana and tapioca. He faced problems like fusarium wilt in Banana . With DFI interventions like scientific production technology for tuber crops, banana,,soil health management , Advisories etc., he is getting annual income of Rs. 699029 .



Cultivation of Banana



Cultivation of tapioca



Name of farmer: Vijaya Babu

Address: Babu Nivas, Mulavana P O,
Punnathadam, Kundara

Kerala

Age: 57

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	Rice	1.5	19.95	57087	14742
Hort. Crop 1	Banana	0.5	27.58	88269	36769
Hort. Crop 2	Bhindi	0.2	8.45	23654	14000
Hort. Crop 3	Tomato	0.2	12.40	49600	13600
Hort. Crop 4	Coconut	0.3	6.91	13824	1524
Tuber 1	Tapioca	0.3	72.83	116525	97325
Tuber 2	Amorphophallus	0.3	48.34	120840	78081
Others	Ginger	0.2	33.34	250068	226068
	Turmeric	0.2	54.49	163469	149469
Total				883336	631578

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	24.60	82602	36024	23.3	144.4
Hort. Crop 1	Banana	0.5	34.60	155678	87796	25.5	138.8
Hort. Crop 2	Bhindi	0.2	12.15	42532	32812	44	134.4
Hort. Crop 3	Tomato	0.2	14.23	72565	32565	15	139.44
Hort. Crop 4	Coconut	0.3	7.65	19125	5775	11	278.93
Tuber 1	Tapioca	0.3	95.74	239344	217444	31	123.42
Tuber 2	Amorphophallus	0.3	68.72	206172	159137	42.2	103.81
Others	Ginger	0.2	44.62	513148	486548	34	115.22
	Turmeric	0.2	71.89	359464	344664	32	130.6
Total				1690630	1402765		122.10

Brief: The farmer used to get annual income of Rs.631578 from Rice, Banana, Vegetables and Tubers etc. He faced problems like stem borer in Rice, Rhinoceros beetle in coconut, Sigatoka leaf spot in Banana etc. With DFI interventions like scientific production technology for Banana, Vegetables and Tubers, FLD, Training, etc., he is getting annual income of Rs.1402765.



Cultivation of Rice



Cultivation of Banana



Name of farmer: C.Vijaya kumar
Address: C.Vijaya kumar, Vijaya bhavanm,
Thalavoorkonam, Kareepra Kuzhimathicadu P.O
Kerala
Age: 65
Education:
B.com

1) Before Intervention

Size of land holding (in acre): 3.5

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.5	34.13	97123	26548
Hort. Crop 1	Banana	0.05	3.05	9770	4620
Hort. Crop 2	Bhindi	0.015	0.75	2093	1369
Hort. Crop 3	Coconut	0.4	10.56	22176	5776
Tuber Crop 1	Tapioca	0.5	123.98	198360	166360
Tuber Crop 2	Amorphophallus	0.01	1.62	4047	2622
Tuber Crop3	Tania	0.004	0.35	1328	916
Total				334897	208211

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2.5	42.38	141616	63986	24.2	141.02
Hort. Crop 1	Banana	0.05	3.75	16886	10098	23	118.6
Hort. Crop 2	Bhindi	0.015	1.02	3564	2835	36	107.1
Hort. Crop 3	Coconut	0.4	12.0	31200	13400	13.64	132
Tuber Crop 1	Tapioca	0.5	164.72	411800	375300	33	125.6
Tuber Crop 2	Amorphophallus	0.01	2.40	7214	5647	48.15	115.4
Tuber Crop 3	Tania	0.004	0.53	2385	1881	51.43	105.34
Total				614665	473147		127.24

Brief: The farmer used to get annual income of Rs.208211 from Rice, Banana, Tapioca, coconut, bhindi etc. He faced problems like poor soil health, pest and diseases in banana, mosaic in tapioca etc. He also attended class for rice cultivation in kvk kollam. With DFI interventions like scientific production technology for rice, tuber crops, banana, pulse, soil health management, FLD, Vermi composting, Advisories etc., he is getting annual income of Rs. 473147.



Cultivation of Amorphophallus



Cultivation of Tapioca



Name of farmer: Vijayan Pillai
Address: Thiuvathira, Pullamala
Age: 58
Education: SSLC
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.)
Field Crop 1	Cowpea	0.05	2.02	8070	2570
Field Crop 2	Coconut	0.05	1.24	2484	434
Hort. Crop 1	Banana	0.25	14.65	46893	21143
Hort. Crop 2	Bitter gourd	0.1	3.63	18150	7850
Tuber. Crop 1	Tapioca	0.35	86.54	138469	116069
Tuber crops 2	Amorphophallus	0.2	32.26	80655	52149
Total				294721	200215

2) Status in 2020

Component Description		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	Cowpea	0.05	2.72	13622	7312	23.79	123.63
Field Crop 2	Coconut	0.05	1.38	3445	1220	26.57	109.1
Hort. Crop 1	Banana	0.25	18.23	82046	48105	54.65	109.05
Hort. Crop 2	Bitter gourd	0.1	6.01	33069	19869	65.56	153.11
Tuber Crop 1	Tapioca	0.35	118.30	295741	270191	36.70	132.78
Tuber Crop 2	Amorphophallus	0.2	45.85	137558	106202	42.13	103.65
Total				565481	452899		126.21

Brief: The farmer used to get annual income of Rs.200215 from Cowpea, Coconut, Banana, Tapioca, Amorphophallus, Bittergourd. He faced problems like pest attack in bitter gourd, Rhinoceros beetle in coconut, unavailability of organic manure etc. With DFI interventions like scientific production technology for crops, Vermicomposting, FLD, trainings, he is getting annual income of Rs.452899.



Cultivation of Banana



Cultivation of coconut



Effect of DFI intervention

Name of KVK: KVK KOLLAM

Name of farmer: R Vijayan pillai

Address: Kettidathil, Karal Jn. P O,

Sasathamkotta-690521

Kerala

Age: 68

Education: SSLC

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	Banana	0.1	5.95	19033	8753
Hort. Crop 2	Bittergourd	0.03	1.13	5658	2568
Hort. Crop 3	Bhindi	0.02	0.92	2563	1597
Hort. Crop 4	Amaranthus	0.02	0.52	1144	544
Hort. Crop 5	Tomato	0.05	3.25	13000	4000
Hort. Crop 6	Coconut	0.1	2.54	5088	988
Tuber crop 1	Tapioca	0.1	23.41	37454	31054
Tuber crop 2	Tania	0.02	1.67	6345	4285
Tuber crop 3	Amorphophallus	0.03	4.45	11130	6854
Others	Ginger	0.05	8.98	67326	61326
	Turmeric	0.05	15.21	45619	42119
Total				214360	164088

2) Status in 2020

Component Description		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	0.1	7.16	35796	25376	20	189.91
Hort. Crop 2	Bittergourd	0.03	1.71	9412	5452	51	112.30
Hort. Crop 3	Bhindi	0.02	1.26	4405	3433	37	115
Hort. Crop 4	Amaranthus	0.02	0.60	1800	1140	15	109.6
Hort. Crop 5	Tomato	0.05	3.76	19163	9163	16	129 .1
Hort. Crop 7	Coconut	0.1	2.90	7250	2800	14	183.40
Tuber Crop 1	Tapioca	0.1	31.45	78625	71325	34	129.7
Tuber Crop 2	Tania	0.02	2.56	11523	9003	53	110.10
Tuber Crop 3	Amorphophallus	0.03	6.72	20169	15466	51	125.64
Others	Ginger	0.05	12.47	143380	136730	39	123
	Turmeric	0.05	18.62	93076	89376	22	112 .2
Total				424599	369264		125.04

Brief: The farmer used to get annual income of Rs.164088 from Banana, Vegetables and Tubers etc. He faced problems like Rhinoceros beetle in coconut, Sigatoka leaf spot in Banana, Scarcity of labour . With DFI interventions like scientific production technology for Banana, Vegetables and Tubers, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 369264.



Cultivation of Amaranthus



Cultivation of Ginger



Name of farmer: Vijesh Kumar K S

Address: Sree bhavan, Chirakara

Kerala

Age: 39

Education: BA Literature

Size of land holding (in acre): 4.4

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	Rice	1	13.50	38510	10280
Hort. Crop 1	Banana	2	111.80	357760	151760
Hort. Crop 2	Bhindi	0.15	6.86	19219	11979
Hort. Crop 3	Bittergourd	0.25	9.23	46125	20375
Hort. Crop 4	Cowpea	0.1	4.14	16560	5560
Hort. Crop 5	Amaranthus	0.2	5.20	11440	5440
Tuber Crop 1	Tapioca	0.2	45.95	73522	60722
Tuber Crop 2	Amorphophallus	0.1	14.84	37100	22847
Tuber Crop 3	Tania	0.05	3.99	15173	10023
Others	Turmeric	0.15	45.62	136858	126358
Total				752267	425344

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1	16.80	56216	25164	23.79	123.63
Hort. Crop 1	Banana	2	143.22	644490	372962	26.57	109.1
Hort. Crop 2	Bhindi	0.15	9.44	33038	25748	54.65	109.05
Hort. Crop 3	Bittergourd	0.25	14.49	79695	46695	56.99	129.18
Hort. Crop 4	Cowpea	0.1	5.14	25705	13085	24.15	135.34
Hort. Crop 5	Amaranthus	0.2	6.00	18000	11400	15.38	109.56
Tuber Crop 1	Tapioca	0.2	63.83	159563	144963	38.91	138.73
Tuber Crop 2	Amorphophallus	0.1	22.41	67230	51552	51.01	125.64
Tuber Crop 3	Tania	0.05	6.61	29736	23436	65.66	133.82
Others	Turmeric	0.15	55.85	279227	268127	22.42	112.20
Total				1392900	983132		131.14

Brief: The farmer used to get annual income of Rs.425344 from Rice,Cowpea,Banana, Bittergourd, Bhindi, Amaranthus,Tania, Tapioca, Amorphophallus, Turmeric . He faced problems like poor soil health (deficiency of B, Ca and Mg) and rhizome weevil in banana, non availability of nutrient efficient high tapioca variety . With DFI interventions like scientific production technology for rice, tuber crops, banana, soil health management , FLD, Advisories etc., he is getting annual income of Rs.983132.



Cultivation of rice



Cultivation of Banana



Name of farmer: Yusef

**Address: Parathottil Veedu, kattukurisheri,
pallikal
Kerala**

Age: 60

Education: SSLC

Size of land holding (in acre): 1.35

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.9	45.90	146880	54180
Hort. Crop 2	Bittergourd	0.1	4.09	20425	10125
Tuber Crop 1	Tapioca	0.25	44.25	70800	54800
Total				238105	119105

2) Status in 2020

Component Description		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	0.9	53.24	239598	117410	23.79	123.63
Hort. Crop 2	Bitter gourd	0.1	6.96	38280	25080	26.57	109.1
Tuber Crop1	Tapioca	0.25	70.72	176797	158547	54.65	109.05
Total				454675	301037		152.75

Brief: The farmer used to get annual income of Rs.119105 from Banana , tapioca, bittergourd etc. He faced problems like cassava mosaic disease in tapioca , pseudostem weevil attack in banana etc. With DFI interventions like Organic pesticide like Shreya , control of vectors in tapioca using kau raksha, Advisories etc., he is getting annual income of Rs. 301037.



Cultivation of Tapioca



Cultivation of Bitter gourd



Name: Jayamohan
Address: Koickkal Puthen veedu,
 Sadanandapuram
 Kerala
Age: 55
Education: SSLC
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	Cowpea	0.02	0.8648	3459	1259
Hort. Crop 2	Banana	2	117.6	376320	170320
Hort. Crop 3	Amaranthus	0.02	0.524	1153	553
Tuber Crop 1	Tania	0.15	12.69	48222	32772
Tuber Crop 2	Amorphophallus	0.2	33.306	83265	54761
Others	Ginger	0.05	9.296	69720	63720
	Turmeric	0.05	14.892	44676	41176
Total				626815	364561

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Cowpea	0.02	1.028	5141	2617	23.79	123.63
Hort. Crop 2	Banana	2	155.8	701100	429572	26.57	109.1
Hort. Crop 3	Amaranthus	0.02	0.604	1812	1152	54.65	109.05
Tuber Crop 1	Tania	0.15	18.770	84464	65564	47.91	100.06
Tuber Crop 2	Amorphophallus	0.2	49.9	149700	118346	49.82	116.11
Others	Ginger	0.05	12.796	147153	140503	37.65	120.50
	Turmeric	0.05	18.291	91457	87757	22.82	113.13
Total				1180827	845511		131.93

Brief: The farmer used to get annual income of Rs. 364561 from Cowpea, Banana, Amaranthus, Tania, Amorphophallus, Ginger, Turmeric etc. He faced problems like nutrient deficiency disorders in banana, tania, non availability of high yielding cassava resistant variety, leaf spot disease in banana etc. With DFI interventions like FLD on sampoorana in banana, FLD sree suvarna CMV tolerant variety, FLD Eco friendly leaf spot management in banana, soil test based nutrient management in banana, vegetables, Training, Advisories etc., he is getting annual income of Rs.845511.



Cultivation of Banana



Cultivation of Amorphophallus



Name of farmer: Jolly
Address: Charuvila Veedu, Sadanandapuram
Kerala
Age: 42
Education: SSLC
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	Banana	0.6	33.54	107328	45528
Tuber Crop 1	Tapioca	0.1	23.409	37454	31054
Tuber Crop 2	Tania	0.02	1.478	5618	3558
Tuber Crop 3	Amorphophallus	0.02	2.968	7420	4570
Total				157820	84710

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	0.6	41.172	185274	103816	23.79	123.63
Tuber Crop 1	Tapioca	0.1	31.586	78965	71665	26.57	109.1
Tuber Crop 2	Tania	0.02	2.395	10779	8259	54.65	109.05
Tuber Crop 3	Amorphophallus	0.02	4.464	13392	10257	50.40	124.44
Total				288410	193997		129.01

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



Cultivation of Banana



Cultivation of Tania



Name of farmer: V Prabhakaran Pillai
Address: Pullamalakayilveedu
Kerala
Age: 65
Education: 7 th Std
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	Banana	0.75	45.02	144072	66822
Hort. Crop 1	Cowpea	0.25	10.87	43475	15975
Hort. Crop 2	Bittergourd	0.15	6.10	30503	15053
Tuber. Crop 1	Tapioca	0.5	110.42	176664	144664
Total				394714	242514

2) Status in 2020

Component Description		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	0.75	56.29	253294	151471	23.79	123.63
Hort. Crop 1	Cowpea	0.25	13.48	67375	35825	26.57	109.1
Hort. Crop 2	Bittergourd	0.15	9.21	50639	30839	54.65	109.05
Tuber. Crop 1	Tapioca	0.5	140.91	352275	315775	27.61	118.28
Total				723583	533910		120.16

Brief: The farmer used to get annual income of Rs.242514 from Banana, cowpea, tapioca, bitter gourd etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, Mosaic disease of tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 533910.



Cultivation of Bittergourd



Cultivation of Cowpea



Name of farmer: Prakash

**Address: Sahodarasadanam, Kalakkode,
Bhoothakkulam, Kollam -691302**

Kerala

Age: 56

Education: SSLC

Size of land holding (in acre): 3.8

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.)
Field Crop 1	Rice	1.5	20.55	58443	16098
Field Crop 2	Black Gram	0.3	0.27	1602	102
Field Crop 3	Green Gram	0.3	0.32	2087	587
Field Crop 4	Grain Cowpea	0.2	0.20	1163	163
Hort. Crop 1	Banana	0.05	3.04	9726	4576
Hort. Crop 2	Tomato	0.1	6.31	25225	7225
Hort. Crop 3	Bhindi	0.1	5.31	14868	10041
Tuber Crop 1	Tapioca	0.5	112.84	180544	148544
Tuber Crop 2	Tania	0.2	18.35	69730	49130
Tuber Crop 3	Amorphophallus	0.2	32.30	80750	52244
Other Crops	Ginger	0.05	10.26	76962	70962
	Turmeric	0.1	32.95	98857	91857
Total				619957	451529

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1.5	25.50	85185	38607	24	139.82
Field Crop 2	Black Gram	0.3	0.31	2132	242	15	137.3
Field Crop 3	Green Gram	0.3	0.44	3504	1614	37.50	175
Field Crop 4	Grain Cowpea	0.2	0.25	1648	388	25	138.03
Hort. Crop 1	Banana	0.05	3.76	16936	10148	23.68	121.8
Hort. Crop 2	Tomato	0.1	7.22	36830	16830	14.4	132.94
Hort. Crop 3	Bhindi	0.1	7.61	26644	21784	43.3	117
Tuber Crop 1	Tapioca	0.5	153.12	382800	346300	36	133.12
Tuber Crop 2	Tania	0.2	29.88	134460	109260	62.83	122.4
Tuber Crop 3	Amorphophallus	0.2	47.00	141000	109644	45.51	109.9
Other Crops	Ginger	0.05	14.77	169882	163232	44	130.02
	Turmeric	0.1	41.09	205440	198040	24.70	115.6
Total				1206461	1016089		125.03

Brief: The farmer used to get annual income of Rs.451529 from Rice, Green gram, Black gram, Grain Cowpea, Banana, Tania, Tapioca, Ginger, Turmeric etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, tapioca mosaic infection, rat infestation, weather aberrations etc. With DFI interventions like scientific production technology for rice, tuber crops, banana, pulse, soil health management, Training and Advisories etc., he is getting annual income of Rs.1016089.



Cultivation of Rice



Cultivation of Tania



Name of farmer: Rajan Achari
Address: Dinesh Bhavan,Pallikal
Age: 76
Education:7th
Size of land holding (in acre): 1.65 acre

1) Before Intervention Component Description

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.99	13.86	39244	11296
Hort. Crop 1	Banana	0.05	3.02	9661	4511
Hort. Crop 2	Tomato	0.005	0.35	1414	514
Hort. Crop 3	Coconut	0.05	1.71	3422	1372
Hort. Crop 4	Cowpea	0.005	0.22	874	324
Hort. Crop 5	Amaranthus	0.005	0.27	594	444
Tuber crop 1	Tapioca	0.005	1.23	1971	1651
Tuber crop 2	Tania	0.02	2.18	8299	6239
Tuber crop 3	Amorphophallus	0.02	3.43	8580	5729
Others	Turmeric	0.005	1.84	5521	5171
Total				79580	37251

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.99	16.83	56222	25481	23.79	123.63
Hort. Crop 1	Banana	0.05	3.83	17242	10454	26.57	109.1
Hort. Crop 2	Tomato	0.005	0.41	2101	1101	54.65	109.05
Hort. Crop 3	Coconut	0.05	2.24	5610	3385	30.99	146.72
Hort. Crop 4	Cowpea	0.005	0.27	1337	706	22.73	117.90
Hort. Crop 5	Amaranthus	0.005	0.47	1395	1230	74.07	177.03
Tuber crop 1	Tapioca	0.005	1.65	4113	3748	34.15	127.01
Tuber crop 2	Tania	0.25	3.36	15120	12600	54.13	101.96
Tuber crop 3	Amorphophallus	0.02	4.9	14700	11564	42.86	101.85
Others	Turmeric	0.005	2.18	10912	10542	18.48	103.87
Total				128752	80811		116.94

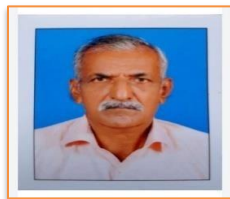
Brief: The farmer used to get annual income of Rs.37251 from Rice, , Banana, Tania, Tapioca, amaranthus, cowpea, tomato, coconut, amorphophallus, tapioca, Turmeric etc. He faced problems like rice blast, sigatoka in banana, leaf spot in cowpea, rhizoctonia leaf blight in amaranthus, poor nut production on coconut, poor soil health, seedling blight in cowpea etc. With DFI interventions like scientific soil testing, micronutrient application, pest and disease management like Bordeaux mixture application etc he now earns an annual income of Rs. 80811.



Cultivation of Banana



Cultivation of Rice



Name of farmer: Rajendra Prasad
Address: Sree Vilasom, Palamkonam,
Thoottikkal
Kerala
Age: 74
Education: SSLC
Size of land holding (in acre): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1	56.83	181843	78843
Hort. Crop 2	Coconut	1	25.44	50880	9880
Hort. Crop 3	Amaranthus	0.01	0.26	572	272
Hort. Crop 4	Cowpea	0.01	0.42	1693	593
Hort. Crops 5	Bhindi	0.01	0.46	1281	799
Tuber Crop 1	Tapioca	0.82	195.46	312741	260261
Tuber Crop 2	Amorphophallus	0.3	43.27	108171	65412
Total				657182	416060

2) Status in 2020

Component Description		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	69.83	314213	178449	22.88	126.33
Hort. Crop 2	Coconut	1	29	72500	28000	14	183.40
Hort. Crop 3	Amaranthus	0.01	0.30	900	570	15	109.6
Hort. Crop 4	Cowpea	0.01	0.50	2522	1260	19	112.47
Hort. Crops 5	Bhindi	0.01	0.63	2203	1717	37	114.9
Tuber Crop 1	Tapioca	0.82	261.63	654065	594205	33.85	128.31
Tuber Crop 2	Amorphophallus	0.3	65.76	197287	150253	52	129.70
Total				1243690	954454		129.40

Brief: The farmer used to get annual income of Rs.416060 from Banana, Coconut, Amaranthus, Cowpea, Bhindi, Tapioca, Amorphophallus etc. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, non availability of nutrient efficient high tapioca variety etc. With DFI interventions like scientific production technology for tuber crops, banana, pulse, soil health management, FLD, vermi composting, Advisories etc., he is getting annual income of Rs. 954454.



Cultivation of Banana



Cultivation of Coconut



Name of farmer: Baby Girija S
Address: Thodiyil Veedu, Bhoothakulam,
Kalakode (po), Paravur.
Kerala Age: 52
Education: ITI

1) Before Intervention

Size of land holding (in acre): 2.25

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2	27.20	77472	21012
Hort. Crop 1	Cowpea	0.15	6.70	26784	10284
Hort. Crop 2	Amaranthus	0.10	2.64	5808	2808
Total				110064	34104

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	2	33.80	113006	50902	23.79	123.63
Hort. Crop 1	Cowpea	0.15	7.94	39690	20760	26.57	109.1
Hort. Crop 2	Amaranthus	0.10	3.06	9180	5880	54.65	109.05
Total				161876	77542		127.37

Brief: The farmer used to get annual income of Rs.34104 from Rice , Cowpea, Amaranths etc. She faced problems like non availability of high yielding varieties of Rice, Sucking pest in cowpea etc. With DFI interventions like improved varieties from FLD,OFT, Capacity development programmes on scientific production technologies for various crops, crop advisories etc., she is getting annual income of Rs. 77542.



Cultivation of rice



Cultivation of Cowpea



Name of farmer: K V Lal

Address: Varuvila Veedu, Kollayil PO, Kollayil Kerala

Age: 57 Education:

Degree

1) Before Intervention Size of land holding (in acre): 1.8 Acre

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	58.48	187136	84136
Tuber Crop 1	Tania	0.2	18.88	71729	51129
Others	Ginger	0.3	53.86	403956	367956
Total				662821	503221

2) Status in 2020

Component Description		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	69.75	313875	178111	19	111.7
Tuber Crop 1	Tania	0.2	28.91	130095	104895	53	105.2
Others	Ginger	0.3	74.81	860278	820378	39	123
Total				1304248	1103384		119.26

Brief: The farmer used to get annual income of Rs.503221 from Banana, Tania, Ginger. He faced problems like poor soil health (deficiency of B, Ca and Mg) in banana, rhizome rot of ginger. With DFI interventions like scientific production technology for tuber crops, banana, soil health management, FLD, Advisories etc., he is getting annual income of Rs. 1103384



Cultivation of Ginger



Cultivation of Banana



Name of farmer: Latha V
Address: Kunnuvila thazathil, Puthusheri
Karivegannoor P O, Kollam
Kerala
Age: 44
Education: SSLC
Size of land holding (in acre):0.65

1) 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	0.2	9.11	29146	8546
Tuber Crop 1	Tapioca	0.25	44.25	70800	54800
Tuber Crop 2	Tania	0.1	9.46	35963	25663
Others	Ginger	0.05	8.66	64922	58922
	Turmeric	0.05	15.21	45619	42119
Total				246450	190050

2) Status in 2020

Component Description		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	0.2	10.94	49248	22095	23.79	123.63
Tuber Crop 1	Tapioca	0.25	65.88	164688	146438	26.57	109.1
Tuber Crop 2	Tania	0.1	14.94	67230	54630	54.65	109.05
Others	Ginger	0.05	12.80	147198	140548	47.81	138.53
	Turmeric	0.05	18.94	94680	90980	24.52	116.01
Total				523044	454691		139.25

Brief: The farmer used to get annual income of Rs.190050 from Banana , Tapioca, Tania, Ginger, Turmeric etc. She faced problems like psedostem weevil attack in banana , Mosaic disease in Tapioca etc. With DFI interventions like Scientific production technology of banana, tuber crops , Advisories, Training etc., she is getting annual income of Rs. 454691.



Cultivation of Tania



Cultivation of Turmeric



Name of farmer: Limina
Address: Afsal Manzil, Meeyana P O Oyoor
Kerala
Age: 37
Education: SSLC
Size of land holding (in acre): 1.8

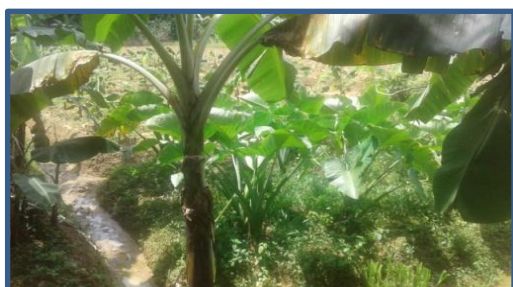
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.8	10.88	30989	8405
Hort. Crop 1	Banana	0.3	13.87	44381	13481
Tuber Crop 1	Tapioca	0.3	49.50	79200	60000
Tuber Crop 2	Tania	0.1	8.74	33197	22897
Tuber Crop 3	Amorphophallus	0.1	15.55	38880	24627
Others	Ginger	0.05	8.34	62517	56517
	Turmeric	0.05	14.57	43718	40218
Total				332882	226145

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	0.8	13.44	44973	20131	23.53	139.51
Hort. Crop 1	Banana	0.3	16.42	73872	33143	18	145.84
Tuber Crop 1	Tapioca	0.3	80.21	200531	178631	62	197.71
Tuber Crop 2	Tania	0.1	14.11	63495	50895	61	122.3
Tuber Crop 3	Amorphophallus	0.1	22.46	67365	51687	44	109.9
Others	Ginger	0.05	12.14	139649	132999	45.56	135.32
	Turmeric	0.05	18.29	91471	87771	25.53	118.23
Total				681356	555257		145.53

Brief: The farmer used to get annual income of Rs.226145 from Rice, Banana, Tapioca, Tania, Amorphophallus, Ginger, Turmeric etc. She faced problems like Pseudostem weevil in banana, Stem borer in rice, Collar rot in Amorphophallus etc. With DFI interventions like Scientific production technology of banana, tuber crops, Advisories, Training etc., she is getting annual income of Rs. 555257.



Cultivation of Tania



Cultivation of Banana



Name of farmer: Sasiprakash

**Address: Kochuvila Veedu,
Sadanandapuram PO,
Kottarakkara, Kollam**

Kerala

Age: 72

Education: Degree

Size of land holding (in acre): 1

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	Cowpea	0.05	2.12	8464	2964
Hort. Crop 2	Banana	0.1	4.68	14976	4676
Hort. Crop 3	Bittergourd	0.05	2.04	10213	5063
Hort. Crop 4	Bhindi	0.05	2.29	6406	3993
Tuber Crop 2	Tania	0.1	9.13	34675	24375
Tuber Crop 3	Amorphophallus	0.3	32.64	81600	38841
Others	Turmeric	0.05	14.14	42424	38924
Total				198758	118836

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cowpea	0.05	2.52	12610	6300	23.79	123.63
Hort. Crop 2	Banana	0.1	5.71	25704	12228	26.57	109.1
Hort. Crop 3	Bittergourd	0.05	3.12	17160	10560	54.65	109.05
Hort. Crop 4	Bhindi	0.05	3.13	10962	8532	36.68	113.67
Tuber Crop 2	Tania	0.1	13.92	62640	50040	52.46	105.29
Tuber Crop 3	Amorphophallus	0.3	41.82	125460	78425	28.13	101.91
Others	Turmeric	0.05	16.77	83873	80173	18.60	105.97
Total				338409	246258		107.23

Brief: The farmer used to get annual income of Rs.118836 from Cowpea, Banana, Bittergourd, Bhindi, Tania, Amorphophallus, Turmeric etc. He faced problems like Pest and diseases, Lack of awareness of micronutrients etc. With DFI interventions like Specific advisories, Awareness program, Training etc., he is getting annual income of Rs 246258.



Cultivation of Cowpea



Cultivation of Amorphophallus