



Name of farmer : T.J Johny
Address : Thakidiyil House, Chellad PO, Kothamangalam
Age : 63
Education : B.Ped
Size of land holding (in acre) : 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Banana	2.5	190	380000	80000
Total				380000	80000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
RAS (5X2.5X1)m	Banana	1.0	100	200000	80000	31.58	100
Bio floc	Fish	(5X2.5X1)m		1,50,000	50000		
	Fish	2 m radius tank		140000	80000	>100	>100
Total				490000	210000		162.5

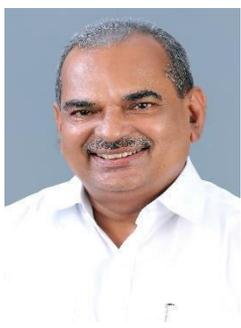
Brief: Shri. T. J. Johny was a traditional farmer from Kothamangalam of Ernakulam District. He used to lease out lands and go for banana cultivation. He used cultivate in a traditional method where he uses chemical fertilizers and pesticides. KVK demonstrated usage of bio pesticides in his farm and advised of producing safe to eat banana. He was advised for installation of RAS and biofloc for aquaculture production. He has integrated RAS with Banana cultivation and started producing organic banana and vegetables. **His net income increased from Rs. 80000 to Rs. 210000 due to KVK Interventions**



Over view of the field



RAS Fish culture unit



Effect of DFI intervention

Name of KVK: Ernakulam

Name of farmer : K.K. Dani
Address : Oonjappara, Kerampara P.O.,
Age : 64
Education : PDC
Size of land holding (in acre) : 4.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	4.5 acres	66	141900	45900
Total				141900	45900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Branding and marketing	Paddy	4.5	88	173500	97500	33.33	112.42
Total				173500	97500	33.33	112.42

Brief: The farmer doing paddy farming in a traditional method using manual labours. KVK demonstrated Mechanized paddy farming in his field, KVK also is demonstrating on farm processing, branding and marketing of the paddy. The paddy is proposed to be marketed under the brand name of Periyar Valley Spices FPO. **As a result, his net income increased from Rs. 45900 to Rs. 97500**



Overview of the field



Mechanized paddy farming



Name of farmer : Asha
Address : Perakudath, Karumaloor,
 Karumaloor P.O
Age : 42
Education : PDC
Size of land holding (in acre) : 2.5 acre (Lease land)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Banana	2.5	190	380000	80000
Total				380000	80000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Soil test based primary and secondary nutrients	Banana	2.5	230	460000	168790	21	110
Total				460000	168790	21	110

Brief: The women doing banana cultivation . KVK demonstrated application of soil test based primary and secondary nutrients along with application of dolomite as the liming material. The production cost increased a little as there is no practice of application of secondary nutrients. **The production increased and the income doubled from Rs. 80000 to Rs. 168790.**



Over view of the field



Over view of the field



Name of farmer : Sheela
Address : Perakudath, Karumaloor, Karumaloor P.O
Age : 53
Education : PDC
Size of land holding (in acre) : 2.5 acre (Lease land)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Banana	1.25	95	190000	40000
Total				190000	40000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Soil test based primary and secondary nutrients	Banana	1.5	115	230000	82500	21	106
Total				230000	82500	21	106

Brief: The women doing banana cultivation . KVK demonstrated application of soil test based primary and secondary nutrients along with application of dolomite as the liming material. The production cost increased a little as there is no practice of application of secondary nutrients. **The production increased and the income doubled from Rs. 40000 to Rs. 82500/-.**



Banana field



Over view of the field



Name of farmer : Smt. Sheela VA
Address : Tharayil H, Nayarambalam P.O., Pin – 682 507
Age : 44
Education : Pre Degree
Size of land holding (in acre) : 5 Cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)		7 cent	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Running a canteen	7.00 Cent	9600 meals @ Rs.90/-	8,64,000	1,72,800	>100	>100
	Prawn Pickle		120 Kg @ Rs.600/-	72,000	14,400	>100	>100
Total				9,36,000	1,87,200	>100	>100

Brief: As a labourer she used to Rs.80,000/- annually. After the intervention of KVK, she started a canteen and pickle production and now she is getting an annual income of ₹1,87,000/-.



Prawn pickle making



Preparing dishes



Name of farmer : Smt. Rajitha
Address : Blavath H, Mulavukad P.O., Pin – 682 504
Age : 49
Education : Degree
Size of land holding (in acre) : 15 Cent

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)		7 cent	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Minimal processing unit	15.00 Cent	12,000 packets	1,72,800	69,120	>100	>100
Total				1,72,800	69,120	>100	>100

Brief: She was a housewife without any income. After the intervention of KVK, she started a minimal processing unit of cut vegetables and now she is getting an annual income of ₹69,120/-.



Packed cut vegetable



Product preparation



Name of farmer : Smt. Snini Sha
Address : Odikkaparambil H, Cherai P.O., Pin – 683 514
Age : 32
Education : SSLC
Size of land holding (in acre) : 10 Cent

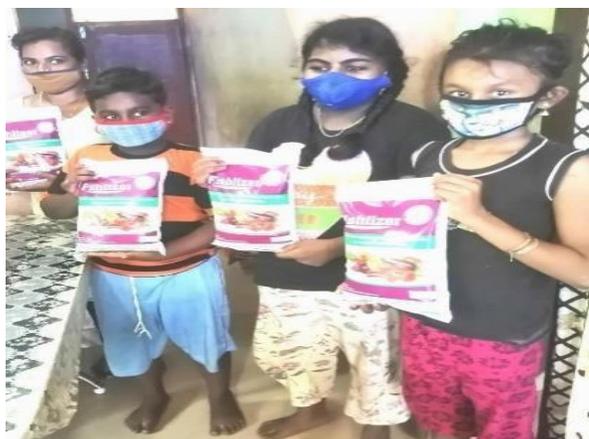
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)		7 cent	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Organic manure production	10.00 Cent	6000 Kg	2,40,000	96,000	>100	>100
Total			6000 Kg	2,40,000	96,000	>100	>100

Brief: She was a housewife without any income. After the intervention of KVK, she started a minimal processing unit of cut vegetables and now she is getting an annual income of ₹96,000/-.



Branded organic manure



Branded organic manure



Name of farmer : Smt. Sangamithra MM
Address : Thayil H, Nayarmbalam P.O., Pin – 682 507
Age : 40
Education : Degree
Size of land holding (in acre) : 3.5 Cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Labourer	3.5 cent			96,000
Total					96000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Running a canteen	15.00 Cent	12,000 packets	8,00,000	2,00,000	>100	>100
	Prawn Pickle		100 Kg	60,000	12,000		
	Prawn roast		50 Kg	40,000	16,000		
Total				9,00,000	2,28,000	>100	>100

Brief: She was a labourer worker and earning Rs.96,000/- annually. After the intervention of KVK, she started a canteen and pickle unit and now she is getting an annual income of ₹2,28,000/-.



Preparing dishes



Preparing dishes



Name of farmer : Mr. Adith NC
Address : Nikathithara H, Narakkal P.O., PIN – 682 505
Age : 30
Education : B Tech
Size of land holding (in acre) : 3 Cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Nil	3 cent			
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Dry fish production	3 Cent	3000 Kg	24,00,000	4,80,000	>100	>100
Total				24,00,000	4,80,000	>100	>100

Brief: He was an unemployed youth. After the intervention of KVK, he started a dry fish unit and now he is getting an annual income of ₹4,80,000/-.



Dry fish unit



Dry fish production



Name of farmer : Shoba
Address : Kuruppinttakathoot, Karumaloor, Karumaloor P.O
Age : 59
Education : PDC
Size of land holding (in acre) : 4.5 acre (Lease land)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	1.5 acres	33	89100	31100
Total				89100	31100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Branding and marketing	Paddy	1.5	45	175500	64400	36	107
Total				175500	64400	36	107

Brief: The woman is a paddy farmer doing paddy farming in a traditional method. KVK demonstrated application of soil test based primary and secondary nutrients along with application of dolomite as the liming material. KVK demonstrated branding and marketing of the paddy. The paddy branded in the name product of Ernakulam farmers and marketed through KVK's Farm Shoppe. **Her income increased from Rs. 31100 to Rs. 63000**



Field



Branded rice bag



Name of farmer : Selmath
Address : Karayikudath, Karumaloor, Karumaloor P.O
Age : 44
Education : PDC
Size of land holding (in acre) : 1.5 acre (Lease land)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	1.5 acres	32	81400	30150
Total				81400	30150

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Branding and marketing	Paddy	1.5	42	163800	60400	31.25	100.33
Total				163800	60400	31.25	100.33

Brief: The woman is a paddy farmer doing paddy farming in a traditional method. KVK demonstrated application of soil test based primary and secondary nutrients along with application of dolomite as the liming material. KVK demonstrated branding and marketing of the paddy. The paddy branded in the name product of Ernakulam farmers and marketed through KVK's Farm Shoppe. **Her income increased from Rs. 30150 to Rs. 60400**



Harvesting of paddy from the field



Branded rice bag



Name of farmer : Jeesan P.P
Address : Karumalloor, Karumalloor P.O
Age : 47
Education : Degree
Size of land holding (in acre) : 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	2	35	94500	23000
Total				94500	23000

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/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field crop	Paddy	2	60	162000	73090	71.43	217.78
Total				162000	73090	71.43	217.78

Brief: The farmers cultivates paddy traditionally and KVK demonstrated Soil test based nutrient application, use of trichochords, Secondary and micronutrient management (B, Mg & Zn), application of dolomite and growing of Dhiancha. **The yield improved, fertilizer cost reduced and the net income increased by nearly 217 percent from Rs. 23000 to Rs. 73090.**



Dhanicha sowing



Grown up dhanicha



Name of farmer : Abdul Kareem
Address : East Veliyathunadu, Karumaloor
Age : 58
Education : PDC
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	Paddy var. uma	2.5	41	110700	39200
Total				110700	39200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field Crop	Paddy var. Shreyas + Green gram and black gram in summer paddy fallows	2.5	62.5	168750	101250	52	158
Total				168750	101250	52	158

Brief: The paddy farmer continuously cultivates paddy variety Uma and the land lies fallow during summer. He gets low yield due to disease incidence and use of same variety. KVK demonstrated new paddy variety Shreyas and cultivation of green gram and black gram in the summer fallows. **The farmer got an increased income of 158 percent from Rs. 39200 to Rs. 101250.**



Overview of the paddy field



Overview of the paddy field



Name of farmer : Naseer Pathala
Address : West Veliyathunadu, Karumaloor
Age : 48
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.)
Field crop	Paddy var. uma	2.5	35	94500	33495
Total				94500	33495

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field Crop	Paddy var. Shreyas + Green gram and black gram in summer paddy fallows	2.5	60	162000	97200	71	190
Total				162000	97200	71	190

Brief: The paddy farmer continuously cultivates paddy variety Uma and the land lies fallow during summer. He gets low yield due to disease incidence and use of same variety. KVK demonstrated new paddy variety Shreyas and cultivation of green gram and black gram in the summer fallows. **The farmer got an increased income of 190 percent from Rs. 33495 to Rs. 97200.**



Overview of the paddy variety Shreya



Overview of the paddy field



Name of farmer : K.V. Francis
Address : Mookannoor, Mookkanur P.O
Age : 58
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.)
Field crop	Paddy	2.5	33	78000	22000
Total				78000	22000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field Crop Paddy	Application of Mg and B at critical stages	2.5	39	94200	44200	18.18	100.91
Total				94200	44200	18.18	100.91

Brief: The paddy farmer continuously cultivates paddy. He gets low yield due to nutrient deficiency and indiscriminate application of fertilizers resulting in extra cultivation cost. KVK demonstrated soil test based application of secondary nutrients. Dolomite: 600 kg/ ha in 2 splits, i.e basal application and at 30 DAT and Borax : 20 kg/ ha at 30 DAT The farmer got an increased income of 200 percent. **His income bettered from Rs. 22000 to Rs. 44200/-**



Farming partner in the field



Harvesting



Name of farmer : A. I. Abdul Jabbar
Address : Mattupuram. Manjaly P.O
Age : 56
Education : SSLC
Size of land holding (in acre) : 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	2.5	30	72000	22000
Total				72000	22000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field Crop Paddy	Application of Mg and B at critical stages	2.5	40	100800	45800	33.33	108.18
Total				100800	45800	33.33	108.18

Brief: The paddy farmer continuously cultivates paddy. He gets low yield due to nutrient deficiency and indiscriminate application of fertilizers resulting in extra cultivation cost. KVK demonstrated soil test based application of secondary nutrients. Dolomite: 600 kg/ ha in 2 splits, i.e basal application and at 30 DAT and Borax : 20 kg/ ha at 30 DAT. **The farmer got an increased income of 200 percent from Rs. 22000 to 45800/-.**



Data collection



Harvesting



Name of farmer: Smt. Sheeba V.A

Address: Tharayil House, Nayarambalam,
Nayarambalam P.O, Pin 682 507

Age: 40

Education: Pre-Degree

Size of land holding (in acre): 5.00 Cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Garment making	5.00 Cent	900 set	135000/-	54,000/-
Total				135,000/-	54,000/-

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Garment making	5.00 Cent	1500 set	4,50,000/-	1,80,800/-	66.67	234.81
	Cotton carry bag stitching		6000 nos @ ₹7/-	42,000/-	16,800/-	>100	>100
	Selling cotton carry bag		2100 nos. @ ₹15	18,000/-	3,600/-	>100	>100
Total				5,10,000	2,00,400/-		272.59

Brief: The entrepreneur used to get annual income of Rs. 54,000/- as labour charge. After the intervention of KVK, she started a Cotton carry bag making unit and she got annual income of Rs.200400/-



Garment making



Carry bag stitching



Name of farmer: Smt. Mini Ratheesh

Address: Pootham Veetil, Njarakkal,
Njarakkal P.O., Pin – 682 505

Age : 52

Education: 6th std

Size of land holding (in acre): 7.00 Cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Grocery Shop	7.00 Cent		180000	36000
Total				180000	36000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Serving breakfast for sea going fishermen	7.00 Cent	12,000 nos meals	9,00,000	3,06,000	>100	>100
	Fish and prawn pickle selling		120 kg @ ₹600	72,000	28,800		
Total				9,72,000	334800	>100	>100

Brief: The entrepreneur used to get annual income of Rs. 36,000/- from the grocery shop. After the intervention of KVK, they started to produce pickle and prepared breakfast for 50 seagoing fishermen and got the annual income of ₹334800.



Preparing breakfast



Pickle making



Name of farmer : Smt.Swapna Kishore
Address : Kalathippampil House, Aarattuvazhi,
PO,Vypin
Age : 41
Education : SSLC
Size of land holding (in acre) : 0.06 ACRES

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify) Food Processing	Fish pickle	0.5 Acre	20 kg	@500/-10000	8,000/-
	Prawn pickle		25 kg	@500/-12500	10,000/-
Total			45 kg	22500	18,000/-

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Prawn pickle	0.5 Acre	50kg@800/-	40,000	24000	100	140
	Mussel pickle		65kg@8000/-	52000	31200	>100	>100
	Ginger pickle		30kg@350/-	10500	6300	>100	>100
	Fish pickle		50kg@800/-	40000	24000	>100	>100
	Mango pickle		20 kg@350/-	7000	4200	>100	>100
	Garlic pickle		15 kg@400/-	6000	2400	>100	>100
	Lemon pickle		25kg@350/-	8750	5200	>100	>100
	Amla pickle		10 kg@280/-	2800	1700	>100	>100
Total				167050	99000	>100	450

Brief: She used to get annual income of Rs. 18,000/- from 2 types of pickle making and marketing enterprise. After the intervention of KVK, she started producing new varieties of vegetarian and non vegetarian pickles which resulted in the increase of her income to Rs. 99,000/-



Finished product



Finished product



Name of farmer : Rajeev P V
Address : Puthuvalsthalathu, Kalamukku,
 Azheekal PO, Kerala- 682508
Age : 39
Education : Pre degree
Size of land holding (in acre) : 0.3 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.)
Fish preservation	Dry fish	0.3	500 kg	1,75,000	43,750
Total			500	1,75,000	43,750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fish processing	Dry fish	0.3	6000 Kg	1200000	360000	1100	722
Food processing	Ready to cook						
Total		0.3	6000 Kg	1200000	360000	1100	722

Brief: He used to produce dry fish only and got Rs. 43750 After the intervention of KVK, they started to produce ready to cook dried fish. Now they are getting ₹3,10,000/-



Drying fish



Salted fish



Name of farmer : Smt. Usha Krishnan
Address : Mangalathu Puthanpurayil, Neerkuzhi, Nechoor Maneed, Kerala- 686664
Age : 45
Education : SSLC
Size of land holding (in acre) : 1 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Mushroom cultivation	Oyster Mushroom	1 Acre	Oyester mushroom 2400kg @ Rs. 250	600000	1,80,000
Total			2400 kg	600000	1,80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Mushroom cultivation	Oyester Mushroom	1 Acre	Oyester 3600kg @ Rs. 300/-	10,80,000/-	3,24,000	50	80
Food processing	Mushroom Biryani		600 nos.	96,000	18,000	>100	>100
	snacks		45,000 nos	6,75,000	67,500	>100	>100
Total				18,51,000	4,09,500		127

Brief: She used to produce only mushrooms and got ₹180000/- after the intervention they began to produce biriyani, snacks,etc. and now they are getting ₹4,09,500/-



Ready for sale



Harvested mushroom





Name of farmer : KS Hussain
Address : Kizhakkeveetil, Edavanakkadu
PO, 682502, Ernakulam, Kerala- 682502
Age : 70
Education : POC
Size of land holding (in acre) : 56 cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Mushroom cultivation	Oyster Mushroom	0.56	300kg @ ₹250/-	75,000	37500
Total			300 kg	75000	37500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Mushroom cultivation	Oyster Mushroom	0.56 Acre	500 kg @ ₹300/-	1,50,000	75,000	66	100
spawn			960 packets @ ₹60/-	57,600	14,400		
Total			500 kg	2,07,600	89400	66	138

Brief: They used to produce 300 kg Oyster mushroom in a year and got ₹37,500 as net income. After the intervention of KVK, they increased the production of mushroom and started mushroom spawn production and now they are getting ₹89400/-



In mushroom house



Variety in farming



Mushroom house



Shri Yunis V

Name of farmer : Shri Yunis V
Address : Chekkamadathu, Ottumpuram, Thanoor P
 O, Malappuram-676302
Age : 42 yrs
Education : SSLC
Size of land holding (in acre) : 0.10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Value addition)	Chappathi trading	600 nos/day for 25 days	54000 nos @ Rs.3 each	1,62,000	32400
Total			54000 nos	1,62,000	32400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Value addition)	Chappathi trading	75 sets/day for 30 days	270000 sets @ Rs.30 each	8,10,000	243000	400	650
Other enterprise (Value addition)	Mussel pickle	5 kg/month	60 kg/year @ Rs. 500/kg	30,000	6000	100	100 (New intervention)
Total				8,40,000	2,49,000		668.52

Brief: The farmer used to produce Chappathi only and get annual income of Rs. 32,400. With DFI interventions of KVK, he started to produce chappathi and curry and mussel pickle. Now, he is getting annual income of Rs. 2,49,000.



Yunis with his partners



Yunis in his hotel where chappathis and muscle pickle



Smt. Geetha Sukumaran

Name of farmer : Smt Geetha Sukumaran
Address : Pulikkal house, Narakkal P O, Ernakulam-682 505
Age : 58 yrs
Education : SSLC
Size of land holding (in acre) : 0.15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Value addition)	Papads	0.15 acre	50400 nos @ Re.1 each	50,400	20,160
Total			50400 nos	50,400	20,160

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Value addition)	Ordinary Papads	0.15 acre	72000 nos @ Re.1 each	72,000	28,800	42.86	42.86
Other enterprise (Value addition)	Safe to eat papads	0.15 acre	50400 @ Rs.1.30 each	65,390	26,156	142.8	172.5
Total			122400	1,37,390	54,956		172.5

Brief: The farmer used to produce ordinary papad and get annual income of Rs. 20,160. With DFI interventions of KVK, she started to produce safe to eat papads without using preservatives and maida and she is now getting annual income of Rs. 54,956.



Geetha with her pappads



Sun Drying



Smt. Aabida

Name of farmer : Smt Aabida
Address : Iriyakulam house, Melemuri, Alathur,
 Malapuram, Ernakulam-676 514
Age : 38 yrs
Education : SSLC
Size of land holding (in acre) : 0.20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise	Mango pickle	0.20 acre	100 kg@ Rs.250 /kg	25,000	7500
(Value addition- Pickle making)	Lemon pickle	0.20 acre	100 kg@ Rs.300 /kg	30,000	9000
	Amla	0.20 acre	100 kg@ Rs.300 /kg	30,000	9000
Total			300 kg	85000	25,500

) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise	Fish pickle	0.20 acre	120 kg@ Rs.600 /kg	72,000	21,600	100	100
(Value addition- Pickle making)	Prawn and squid pickle	0.20 acre	200 kg@ Rs.650 /kg	1,30,000	39,000	100	100
	Mango pickle	0.20 acre	120 kg@ Rs.300 /kg	36,000	10,800	20	44
	Lemon	0.20 acre	100 kg@ Rs.300 /kg	30,000	9,000	0	0
	Salted mixed vegetable	0.20 acre	300 kg@ Rs.200 /kg	60,000	18,000	180	200
Total			840 kg	3,28,000	98,400		286

Brief: The farmer used to produce 300 kg vegetable pickles and get annual income of Rs. 25,500. With DFI interventions of KVK, she started to produce in addition fish based pickles and she is now getting annual income of Rs. 98,400.



Preparation of garlic pickle at Aabida's unit



Packed pickles



Effect of DFI intervention

Name of KVK: KVK Ernakulam

Name of farmer : Shri Jithin V J
Address : Vengasseril, N. Chellanam
Age : 34 yrs
Education : Plus two
Size of land holding (in acre) : 0.65 acre

Smt. Jithin V J

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Fish trading)	Fish trading	0.65 acre	5040 kg @ Rs.200/kg	1008000	201600
Total			5040 kg	1008000	201600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Dressed fish)	Dressed fish	0.65 acre	9000 kg @ Rs.260/kg	2340000	468000	78.6	132
Total			9000 kg	2340000	468000		132

Brief: The farmer used to sell fresh fish and get annual income of Rs. 2,01,600. With DFI interventions of KVK, he started to produce and sell dressed fish and safe to eat fish and he is now getting annual income of Rs. 4,68,000.



Shri Jithin with his fish processing team



Packed fish



Name of farmer: DAVI K C

Address: Kochakkan House, Oorakad, Vilangu PO, Kizhakkambalam

Age: 54

Education: 12th

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	Bitter gourd	0.5 acre	40 q	80000	35000
Hort. Crop 2	Snake gourd	0.5 acre	65 q	97500	42500
Total			105q	177500	77500

2) Status in 2020

Component Description		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	Bittergourd (Maya 007)	0.5 acre	114	342000	165000	185	371
Hort. Crop 2	Snake gourd (kaumudi)	0.5 acre	132	330000	155000	103	264
Total			246 Q Veg	672000	320000		313

Brief: The farmer used to get annual income of Rs. 77500 with yam cultivation . He wanted to grow high yielding varieties . KVK arranged high yielding varieties, provided technical guidance and training and with DFI interventions like precision farming , income was increased to 320000/ annum (313 % increase)



Davi with the harvested produce from his vegetable garden



Bittergourd Maya 007 after harvest



Name of farmer: Gireesh R Kurupp

Address: Panampalli House , Akanad, Mudakkuzha PO, Ernakulam

Age: 48

Education: Graduate

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	Jasmine	1 acre	650 Kg/ Year	195,000	125000
Hort. Crop 2	Vegetables	0.1 acre	400 Kg	12000 (Average)	6000
Total			1050 Kg	207000	131000

2) Status in 2020

Component Description		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	Jasmine	1 acre	1100 Kg/year	385000	255000	84.6	104
Hort. Crop 2	Vegetables	0.1 acre	500 Kg/ annum	15000	8000	25	33.3
Total			1600 Kg/annum	400000	263000		101

Brief: The farmer used to get annual income of Rs. 131000 with Jasmine cultivation and vegetables. He was facing problem of bud worms and mites . As a DFI intervention KVK arranged new generation insecticides and demonstrated the efficiency of molecules like flubendiamide, spiromecifen and chlorantraniliprole against the targeted pests. Income was increased to 263000/ annum (101 % increase)



Gireesh with his harvested cassava



School children visiting Gireesh's vegetable garden



Name of farmer: JOHNY VATTATHARA

Address: Vattathara house, Edavanakkad, Ernakulam – 682502

Age: 54

Education: 12th

Size of land holding (in acre): 1.5 ACRE

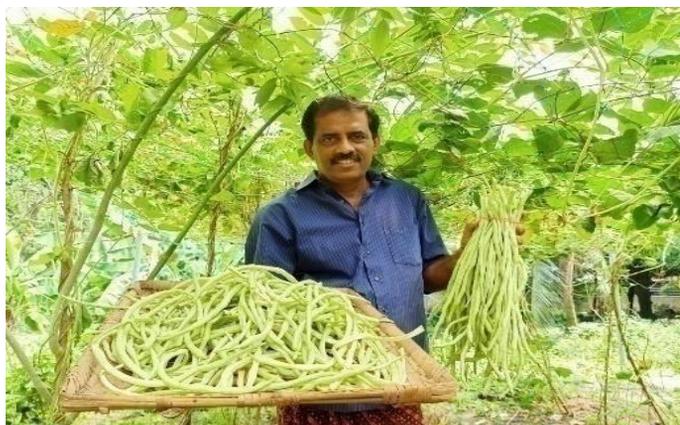
1) Before Intervention

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	Nutmeg	1.3 acre	900 Kg nuts and 150 Kg mace	180000 + 150000 = 330000	170000
Hort. Crop 2	Vegetables	0.1 acre	600Kg	12000	5000
Total		1.4	1850 Kg	342000	175000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Nutmeg	1.3	1350 Kg nuts and 175 Kg mace (with IPDNM package)	405,000 + 262500 = 667500	377500	50% nuts and 16.7% mace	122
Hort. Crop 2	Vegetables	0.1	700	21000	11000	16.7	120
Total		1.4	2225 Kg	688500	388500		122

Brief: The farmer used to get annual income of Rs. 175000 with nutmeg and vegetable cultivation in a 1.4 acre area . He adopted IPDNM package of nutmeg. KVK assisted in marketing of his produce at a better price. With DFI interventions like training , inputs and marketing support income was increased to 388500/ annum (122 % increase)



Johny vattatharas vegetable production in homestead



Small scale seedling production of Johny vattathara



Name of farmer: Suprabha P

Address: Evergreen House, njaralloor PO, Kizhakkambalam

Age: 40

Education: 12th

Size of land holding (in acre): 0.2 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Small nursery	0.1	500 Plants / month 6000/annum	300000	140000
Total		0.1	6000 Nos	300000	140000

2) Status in 2020

Component Description		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	Small nursery	0.15	18000 plants/ annum	7,20,000	3,50,000	2300	150
Hort. Crop 2							
Total		0.15	18000 Nos	720000	350000		150

Brief: The farmer used to get annual income of Rs. 140000 with a small nursery . She had attended the nursery training of KVK and scaled up production to 18000 plants per annum ...the average selling price of garden plants is Rs.40/- . with DFI interventions like skill training and follow up support the income has increased to 350000/ annum (150% increase)



Plants

Suprabhas newly started nursery



Name of farmer: JOSE MATHEW KOCHUKUDY

Address: Kochukudy House , Kallloor, Kalloorkkad PO, Ernakulam

Age: 52

Education: Graduate

Size of land holding (in acre): 7 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Coconut (intercrop with nutmeg)	6 acres	21000 nuts	2,52,000	1,50,000
Hort. Crop 1	Nutmeg	6 acres	3500 Kg nuts and 875 Kg mace	7,00,000 + 8,75,000=15,75,000	8,75,000
Hort. Crop 2	Nutmeg nursery	50 cents	3000 plants	10,50,000	6,50,000
Total				28,77,000	16,75,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Coconut (intercrop with nutmeg)	6 acres	32000 nuts	4,80,000	2,95,000	52.3	96.7
Hort. Crop 1	Nutmeg	6 acres	4200 Kg nuts and 1050 Kg mace	12,60,000 + 1312500=25,72,000	15,65,000	20	78.9
Hort. Crop 2	Nutmeg nursery (BIG NURSERY-SHM SPONSOR)	50 cents	10000 plants	60,00,000	35,00,000	233	438
Total		0.15		90,52,000	53,60,000	-	220

Brief: The farmer used to get annual income of Rs. 16,75,000 with Nutmeg coconut intercropping in 6 acres and 50 cents of nutmeg nursery. He was nominated by KVK for PPV FRA award , he received it and lateron KVK prepared documents for Big nursery application with the SHM funding. He got it and through these interventions he has increased net income to 53,60,000/ annum (220% increase)



JOSE MATHEW KOCHUKUDY in his nutmeg plantation and nursery



Name of farmer: Saju Varghese

Address: Tharayil House, Near St.Thomas Church, Malayattoor, Pin-683587

Age: 58

Education: GRADUATE

Size of land holding (in acre): 2 ACRE

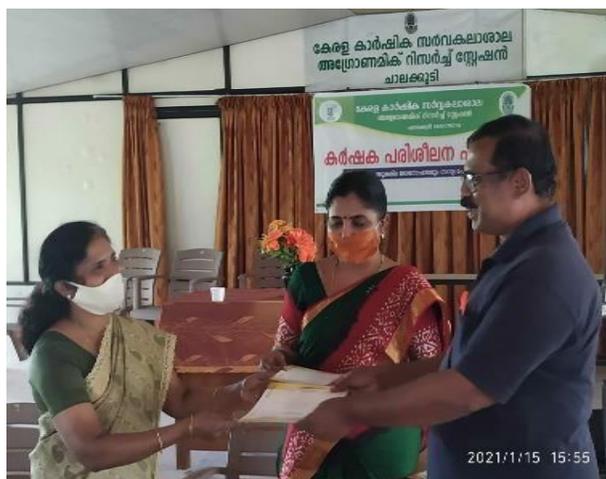
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Nutmeg	2 acres	900 Kg nuts and 225 Kg mace	1,80,000 + 2,25,000= 405000	2,10,000
Hort. Crop 2	Banana	500 Nos	42 q	84,000	40,000
Total		2 acres	53.25 q	4,89,000	2,50,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Nutmeg (IPDNM package of KVK Ernakulam)	2 acres	1400 Kg nuts and 350 Kg mace	420000+ 525000=9,45,000	5,10,000	55.5	142
Hort. Crop 2	Banana	500 Nos	61 q	1,52,500	85,000	45.2	112
Total			78.5 q	10,97,500	5,95,000		138

Brief: The farmer used to get annual income of Rs. 250000 with a 2 acre nutmeg and 500 Bananas. He has adopted IPDNM package of KVK for nutmeg crop as FLD for 3 years and raised the output with integrated nutrient and pest management and also micro and macro nutrient management for banana. with DFI interventions like skill training, marketing support and follow up support the income has increased to 595000/ annum (138 % increase)



Saju Varghese receiving best farmer award from agronomic research station, chalakkudy



Saju Varghese in his farm



Name of farmer: Salim M S

Address: Maneli House , Alattuchira PO, Ernakulam

Age: 40

Education: 12th

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.)
Other enterprise	Apiculture	20 Boxes	50 Kg	30000	18000
Total			50 Kg	30000	18000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Other enterprise	Apiculture	60 boxes	180 Kg	108000	75000	260	316
Other enterprise	Meliponiculture (new enterprise)	50 boxes	25 Kg	37500	12500	>100	>100
Total		110 boxes	205	145500	87500		386

Brief: The farmer used to get annual income of Rs. 18000 with 20 units of apiculture . He had associated with KVK and through the guidance from KVK and hortcorp he raised the number of boxes to 60 and added 50 boxes of meliponiculture as a component. With these interventions he increased his income to 386% over the base year.



Honey unit



Apiculture farm



Name of farmer: SINI SANTHOSH

Address: Puzhakkarayidathu, mannathuruthu, Varappuzha PO, Ernakulam

Age: 56

Education: Graduate

Size of land holding (in acre): 0.5 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Homestead vegetables	100 growbags	180 Kg/ year	5400	400
Livestock 1	Goat	2 Nos	30 Kg meat	15000	8000
Total		-	-	20400	8400

2) Status in 2020

Component Description		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	Homestead vegetables	200 growbags	400 Kg/ year	12000	3000	122	650
Livestock 1	Goat	10 Nos	150 Kg meat	90000	48000	400	500
Total				102000	51000		507

Brief: The farmer used to get annual income of Rs. 8400 with a homestead vegetable garden and by raising 2 goat. She had increased the number of growbags to 200 and raised the production following the guidance from KVK. The animal strength also increased from 2 to 10. with DFI interventions like skill training and input support the income has increased to 51000/ annum (507% increase)



Vegetable garden



Sini in her mixed farm



Name of farmer : Shri Mathew Vithayathil
Address : Vithayathil House, Neericode P O, Alengad
Age : 55 yrs
Education : ITI Technical Edn
Size of land holding (in acre) : 0.80 acre

Shri Mathew Vithayathil

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Male Poultry chicks rearing	200 nos (4 batch /year)	800 poultry chicks per year	1,76,000	12000
Total				1,76,000	12000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Male Poultry chicks rearing	200 nos (5 batch /year)	1000 poultry chicks per year	2,30,000	15000	25	25
Livestock 2	Poultry chicks rearing- Kadaknath and Thalasseri	200 nos (5 batch /year)	1000 poultry chicks per year	1,50,000	25000	>100	>100
Total				3,80,000	40,000		233

Brief: The farmer used to get annual income of Rs. 12000 from Gramasree male poultry chicks rearing for meat after he lost his parent stock during flood. He faced problems like lower profit margin, under utilization of shed due to marketing issues during lean period, increased feed cost etc. With DFI interventions like new poultry breed introduction, training on feeding, management of Kadaknath and other poultry suitable in homesteads and assistance in marketing and procurement of quality chicks, he is getting annual income of Rs. 40,000.



Thalasseri chicks at Neericode farm



Farmer assisting in sales mela at CMFRI



Shri Rahul T R

Name of farmer

: Shri Rahul T R

Address

: Thekkepanika Parambil, Panambukad-682504

Age

: 26 years

Education

: Plus two

Size of land holding (in acre) : 0.40 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-Desi	10 nos	720/year from 10 birds	2700	675
Total			720/year from 10 birds	2700	675

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Productio n (Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry-Desi and Gramasree	20 nos	2250/year from 20 birds	19125	7875	212.5	1066
Total				19125	7875		1066

Brief: The farmer used to get annual income of Rs. 675 from homestead desi poultry as supplementary income. He faced problems like lower productivity, under utilization of land, disease issues and marketing issues etc. With DFI interventions like improved birds, better management of birds through technical advise, training, marketing support, desi poultry farmers group etc., he is getting annual supplementary income of Rs.7875 besides having enough eggs for own consumption as nutritional security.



Farmer with his poultry birds



Eggs branded and sold through KVK outlet



Smt Sumathi M K

Name of farmer : Smt Sumathi M K
 Address : Nikathithara (H), Narakkal
 Age : 73 years
 Education : 4th
 Size of land holding (in acre) : 0.10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-improved	--	-	-	-
Total				-	-

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
Livestock 1	Poultry-BV 380	10 nos	2030/year /10 birds	13195	3045	>100	>100
Total				13195	3045	>100	>100

Brief: The farmer used to rear desi poultry and faced problems like lower productivity, profitability, disease issues etc and had stopped poultry rearing. With DFI interventions like improved birds, better management of birds through technical advise, proper enclosure protected from predators, marketing support through KVK farm shoppe –SCSP Project etc., she is getting annual supplementary income of Rs.3045 besides having nutritional security for her family.



Farmer with her poultry unit



Eggs marketed through KVK farm shoppe



Shri Jamy M D

Effect of DFI intervention

Name of KVK: KVK Ernakulam

Name of farmer : Shri Jamy M D
Address : Madassery (H), Mookkannoor P O
Age : 43 yrs
Education : SSLC
Size of land holding (in acre) : 0.80 acre

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Piggery	180 nos	30 animals of avg 100 kg/year	320000	110000
Total			30 animals of avg 100 kg/year	320000	110000

1) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Productio n (Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Piggery	250 nos	55 animals of avg 115 kg/year	695750	385750	110.8	250.7
Total				695750	385750		250.7

Brief: The farmer used to get annual income of Rs. 110000 from pig farming. He faced problems like lower profit margin, mortality due to imbalanced diet, lower body weight, etc. With DFI interventions like introduction of improved breed-mannuthy white, use of Vitmin mix for pigs to balance the feed and reduce mortality and increase weight gain, he is getting annual income of Rs. 385750.



Mannuthy white pigs in his farm



Farmer in his pig farm



Smt Mini Sunil

Name of farmer : Smt Mini Sunil
 Address : Cheruparambil, 12/105, Near Kadakkara temple, Narakkal
 Age : 45 years
 Education : Predegree
 Size of land holding (in acre) : 0.10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-improved	--	-	-	-
Total				-	-

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
Livestock 1	Poultry-BV 380	10 nos	2320/year/ 10 birds	16240	4060	>100	>100
Total				16240	4060	>100	>100

Brief: The farmer used to rear desi poultry and faced problems like lower productivity, profitability, disease issues etc and had stopped poultry rearing. With DFI interventions like improved birds, better management of birds through technical advise, proper enclosure protected from predators, marketing support through KVK farm shoppe –SCSP Project etc., she is getting annual supplementary income of Rs.4060 besides having nutritional security for her family.



Farmer with her poultry unit



Birds in their unit



Shri Anilkumar T P

Effect of DFI intervention

Name of KVK: KVK Ernakulam

Name of farmer : Shri Anilkumar T P
Address : Thondiyl, Malliamthuruth, Pizhala P O
Age : 49 years
Education : SSLC
Size of land holding (in acre) : 0.30 acre

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-Desi and improved	10 nos	1100 eggs/year	6160	1320
Total				6160	1320

1) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/N o	Production (Q/Liter/N o.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry-improved and BV 380	20 nos	4100 eggs /year	34200	9500	272	619
Total				34200	9500		619

Brief: The farmer used to get annual supplementary income of Rs. 1320 from homestead desi and improved poultry. He faced problems like lower productivity, profitability, disease issues etc. With DFI interventions like improved birds, better management of birds through technical advise, value addition of eggs as Omega fatty acid enriched eggs, etc., he is getting annual supplementary income of Rs.9500.



Farmers family members with their poultry unit



Shri Anilkumar T P with his poultry unit



Smt Shantha Ashokan

Name of farmer : Smt Shantha Ashokan
Address : Kanakatharaparambil, Near Sagara Rani, Narakkal
Age : 51 years
Education : 8th
Size of land holding (in acre) : 0.20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-improved	6 nos	800/year/6 birds	4800	1000
Total				4800	1000

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
Livestock 1	Poultry-improved and BV 380	16 nos	3800/year / 16 birds	24700	6650	375	565
Total				24700	6650		565

Brief: The farmer used to get annual supplementary income of Rs. 1000 from homestead improved poultry. She faced problems like lower productivity, profitability, disease issues, predator issues etc. With DFI interventions like like improved birds, better management of birds through technical advise, proper enclosure protected from predators, etc., she is getting annual supplementary income of Rs.6650.



Poultry enclosure at farmer's house



Smt Shantha Ashokan with her birds



Smt Mahilamani

Name of farmer

: Smt Mahilamani Sudhakaran

Address

: Vattekkattu (H), Palliamthuruth, Pizhala

Age

: 48 years

Education

: 8th

Size of land holding (in acre)

: 0.20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-improved	10 nos	2600/year/10 birds	15600	3900
Total				15600	3900

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
Livestock 1	Poultry-improved and BV 380	20 nos	5600/year/20 birds	47600	14000	115	258.9
Total				47600	14000		258.9

Brief: The farmer used to get annual supplementary income of Rs. 3900 from homestead improved poultry. She faced problems like lower productivity, profitability, disease issues etc. With DFI interventions like improved birds, better management of birds through technical advise, value addition of eggs as Omega fatty acid enriched eggs, etc., she is getting annual supplementary income of Rs.14000.



Farmer with her poultry unit



Smt Mahilamani with her birds



Shri Shajahan B A

Effect of DFI intervention

Name of KVK: KVK Ernakulam

Name of farmer : Shri Shajahan B A
Address : Blavathparambil (H), Mulavukkad Vallarpadam P O
Age : 59 yrs
Education : PDC
Size of land holding (in acre) : 0.25 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy farming	6 nos	10000/year	320000	80,000
Total			10000/year	320000	80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Productio n (Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Dairy farming	8 Nos	17500 /lit /year	595000	1,82,000	75	127
Total				595000	1,82,000		127

Brief: The farmer used to get annual income of Rs. 80000 from dairy farming. He faced problems like lower profit margin, loss due to imbalanced diet, scarcity of fodder, marketing issues, etc. With DFI interventions like hydroponic fodder along with technical assistance in feeding and management, marketing through KVK outlet, he is getting annual income of Rs. 182000.



Farmer with his dairy cows



Milk marketed through KVK outlet



Name of farmer : Prasad PD
Address : Padinjaremankuzhy H, Kanjiramattom
Age : 38
Education : SSLC
Size of land holding (in acre) : 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	0.5 acre	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.50	20,000 No.	2,00,000	1,50,000	>100	>100
Total							>100

Brief: The pond was abandoned and not utilized for any income generating activities. Main issues faced was poaching, predation, etc., After attending KVKs training programme he started to do Pearlspot seed production in the ponds and presently he is getting annual income of Rs. 1.5 lakh.



Net fencing



Seed production unit



Name of farmer : Devadas MK
Address : Mulanchery, House, Edavanakkad PO
Age : 38
Education : SSLC
Cage fish culture units (4mx 4mx1.5m) : 3 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Nil				
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	2 cages	600 Kg	3,00,000	1,75,000	>100	>100
Total				3,00,000	1,75,000		>100

Brief: He was a fisherman doing labor and other related works in his area. He participated in the KVKs Skill training programme (ASCI-NSDC) and commenced cage fish farming in Veerampuzha river. With DFI interventions like nursery rearing, cage management, feed management, biofouling management, marketing etc., he is getting annual income of Rs 1,75,000.



GI HDPE cages



Cages installed in creek

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: Joseph TK****Address****: Thakadiyil H, Chelad PO 686 681****Age****: 68****Education****: Degree****Size of land holding (in acre)****: 0.7 acre****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	0.7 acre	371 Kg	1,10,000	20,000
Total				1,10,000	20,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Fish farming	0.7 acre	571 Kg	2,00,000	50,000	53	150
Total				2,00,000	50,000	53	150

Brief: He was facing issues to manage disease and marketing in the Koi Carp fattening venture. KVK supported him to address the issues by scientific approaches and presently he is getting annual income of Rs. 0.5 lakh.



Fish seed acclimatization



Fish rearing ponds



Name of farmer : Shaji Varghese
Address : Kottanokottil H, Varapetty PO 686 691
Age : 54
Education : ITI
Size of land holding (in acre) : 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	Nil			
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.5 acre	1500 Kg	3,00,000	1,20,000	>100	>100
Total				3,00,000	1,20,000		>100

Brief: He had two granite quarries of 50 cent area which had abandoned. Due to the deep depth fish harvesting was impossible. In this context KVK trained him to utilize his pond for cage fish farming. He could able to farm fish in cages and presently he is getting annual income of Rs. 1.2 lakh.



Harvested fish



Cage installed in his granite quarry



Name of farmer : Jeevand JG
Address : Juvanadethil H, Vallarpadom
PO 682 504
Age : 43
Education : Degree
Size of land holding (in acre) : 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	5 acre	300 kg	1,50,000	1,00,000
Total				1,50,000	1,00,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	5 acre	2500 Kg	15,000,00	12,00,000	733.33	1100
Total				15,000,00	12,00,000	733.33	1100

Brief: They had 5 acre brackishwater pond which was almost abandoned. They were getting annually low level fish and shrimp catch which was fetching 1 lakh only. After getting technical advise and training from KVK commenced scientific farming of Mullet and Pearlspot in these ponds. Presently they are getting annual income of Rs. 12 lakh.



Mullet production pond



Harvested Mullet



Name of farmer: Mohanan M D

Address: Madhavan parambil House , Thattampadi PO, Karumalloor

Age: 54

Education: ITI

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	Paddy	1 acre	25 quintals	67500	40000
Field Crop 2	Homestead vegetables	20 cents	250 Kg	6000	2500
Total				73500	42500

2) Status in 2020

Component Description		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 (IFFCO trials)	1 acre	32 quintals	96000	66,000	28	66
Hort. Crop 1	Bush pepper plants and nursery	100 pots	12 Kg and 200 plants	24800	12800	>100	>100
Hort. Crop 2	Cucurbits	20 cents	400 Kg	16000	11000	60	540
Total				1,36,800	89800		111

Brief: The farmer used to get annual income of Rs. 42500 from paddy and vegetable cultivation. He faced problems in nutrition management . With DFI interventions like IFFCO FLDs, bush pepper FLDs, bush pepper sales, improved vegetable farming etc, he is getting annual income of Rs . 89800 (111% increase)



Homestead agriculture



New inclusion of bush pepper FLD and sapling production



Name of farmer: Varghese P A

Address: Pollayil House , Alengad PO, Alengad

Age: 64

Education: 10th Pass

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	Vegetable in growbags	0.5	33q	49500	24500
Hort. Crop 2	Banana	0.5	37q	92500	32500
Hort crop 3	Yard long bean local	0.5	28q	70000	20000
Total				212000	77000

2) Status in 2020

Component Description		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	Salad cucumber (Use of KVK micronutrients)	0.5	42q	84000	46000	27.3	87.8
Hort. Crop 2	Banana (Improved nutrition schedule by KVK)	0.5	49q	1,71,000	95000	32.4	192
Hort crop 3	Yard long bean (Deepika FLD)	0.5	46q	1,84,000	108000	64.2	440
Total				439000	249000		223

Brief: The farmer used to get annual income of Rs. 77000 vegetables and banana cultivation. He faced problems in nutrition management and lack of improved varieties . With DFI interventions like introduction of Deepika variety of yardlong bean, improved nutrition schedules etc, he is getting annual income of Rs.2,49,000 (223% increase)



Vegetable and banana



FLD on yardlong bean KAU Deepika

Name of farmer: Mary Jacob

Address: Pallipparambil House, Lighthouse colony, Puthuvypu PO

Age: 54

Education: 10th Pass

Size of land holding (in acre): 0.15 acre



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	Homestead vegetables	50 Bag unit	75 Kg vegetables/year	3000	2000
Hort. Crop 2	VegSeedling sales	200 Nos/month	2400 Nos/year	4800	2800
Total				7800	4800

2) Status in 2020

Component Description		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	Chilli and homestead vegetables	100 Bags	200 Kg/ Year	9000	6500	166	225
Hort. Crop 2	Vegetable seedling sales	1000 Nos/month	12000/year	30000	18000	400	542
Others	IFS demonstration	5 cents	-	8000	7000	>100	>100
Total				47000	31500		556

Brief: The farmer used to get annual income of Rs. 4800 with homestead vegetables sales and seedling production of vegetables. She faced problems of marketing and KVK assisted in production and marketing of seedlings. With DFI interventions like seedling production unit, demonstration of chilli etc helped her in getting annual income of Rs.31500 (556% increase)



Seedling production unit of Mary Jacob



IFS practices in 5 cent plot

Name of farmer: Lakshmipriya Mohandas

Address: KANAKKATHUSSERY HOUSE, CHERAI PO, PIN-68 514

Age: 37

Education: B Tech, MBA

Size of land holding (in acre): 0.15 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	Ornamental nursery	5 cents	500 Plants	18000	12000
Hort. Crop 2	VegSeedling nursery	300 Nos/month	3600 Nos/year	7200	4200
Total				25200	16200

2) Status in 2020

Component Description		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	Ornamnetal nursery	5cents	1000 Plants	40000	30000	100	150
Hort. Crop 2	Vegetable seedling sales	1000 Nos/month	12000/year	30000	18000	233	328
Total				70000	48000		196

Brief: The farmer used to get annual income of Rs. 16200 with ornamental nursery items sales and seedling production of vegetables. She faced problems of marketing and KVK assisted in production and marketing of seedlings . With DFI interventions like seedling production unit as a satellite unit for production of planting materials helped her in getting annual income of Rs.48000 (196% increase)



Seedling production unit of Lakshmipriya



Arka Raskhak seedlings getting ready at the unit



Shri K K Sobhanan

Name of farmer : Shri K K Sobhanan
Address : Kadamattussery, Kuzhupilly, Ayyampilly P O
Age : 64 years
Education : 9th Class
Size of land holding (in acre) : 0.2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry chicks rearing	1500 nos (4 batch /year)	6000 poultry chicks per year	6,00,000	90000
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry chicks rearing- Introduced other poultry chicks like Kadaknath, Thalasseri, Kalinga brown during lean period	1500 nos (6 batch /year)	9000 poultry chicks per year	9,90,000	210000	50	133
Total				9,90,000	210000	50	133

Brief: The farmer used to get annual income of Rs. 90000 from Gramasree poultry chicks rearing. He faced problems like lower profit margin, under utilization of shed due to marketing issues during lean period etc. With DFI interventions like new poultry breed introduction, training on feeding, management of Kadaknath and other poultry suitable in homesteads and assistance in marketing and procurement of quality chicks, he is getting annual income of Rs. 210000.



Farmer with his chicks in brooder



Shri Sobhanan vaccinating Kadaknath chicks



Name of farmer : Smt Rasiya Sheriff
Address : Near SDPY KPM High School, Edavanakkad
Age : 54 years
Education : SSLC
Size of land holding (in acre) : 0.20 acre

Smt Rasiya Sheriff

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 2	Cucurbits , Lady's finger, Brinjal	2 cents	150 Kg	3500	1600
Livestock 1	Poultry-Desi and improved	10 nos	1100/year/bird-own consumption	3850	385
Livestock 2	Broiler poultry meat	120 per month	120 birds dressed per month	172800	36000
Livestock 3	Goat	2 nos	2 kids/year	9000	3000
Total				189150	40985

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.)	producti on	income
Field Crop 2	Cucurbits , Lady's finger, Brinjal	4 cents	240 kg	6500	3500	60	118.75
Livestock 1	Poultry-Chabro, male Gramasree for meat and broiler poultry meat	500	500 nos	470400	79100	316.7	119.7
Livestock 2	Poultry-improved and BV 380	20 nos	300/year/bird	23350	3385	272	779
	Goat	6 nos	8 kids/year	36000	8000	300	167
Total				536250	93985		129

Brief: The farmer used to get annual income of Rs. 40985 from homestead vegetables, poultry, goat rearing. She faced problems like lower productivity, under utilization of land, disease issues etc. With DFI interventions like enterprise addition, improved birds, better management of crops and birds through technical advise etc., she is getting annual income of Rs.93985.



Smt Rasiya Sheriff with her goat unit



Smt Rasiya Sheriff with Chabro poultry



Shri Shaji K D

Effect of DFI intervention

Name of KVK: KVK Ernakulam

Name of farmer : Shri Shaji K D
Address :Kozhikkaparambil, Nayarambalam
Age : 68
Education :Class 4th passed
Size of land holding (in acre) : 0.3 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.)
Livestock 1	Poultry chicks rearing	2000 nos (4 batch /year)	8000 poultry chicks per year	8,00,000	120000
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry chicks rearing- Introduced other poultry chicks like Kadaknath, Thalasseri, Kalinga brown during lean period	2000 nos (6 batch /year)	12000 poultry chicks per year	12,00,000	324000	50	170
Total				12,00,000	324000		170

Brief: The farmer used to get annual income of Rs. 120000 from Gramasree poultry chicks rearing. He faced problems like lower profit margin, under utilization of shed due to marketing issues during lean period etc. With DFI interventions like new poultry breed introduction, training on feeding, management of Kadaknath and other poultry suitable in homesteads and assistance in marketing and procurement of quality chicks, he is getting annual income of Rs. 324000.



Mr Shaji releasing Kadaknath chicks in brooder



Mr Shaji's farm in Nayarambalam



Effect of DFI intervention

Name of KVK: Ernakulam

Name of farmer : Sheela Alias
Address : Chandamkudyil H, Airapuram
Age : 52
Education : PDC
Size of land holding (in acre) : 0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Unemployed	MNREGS	100 days	Rs. 250 / day	25,000	25,000
Total				25,000	25,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Entrepreneurship	Organic Input shop	1	12000 Kg	6,00,000	60,000	>100	>100
Total				6,00,000	60,000	>100	>100

Brief: The unemployed home maker used to attend MNREGS work and get an annual income of Rs. 0.25 lakh. She was a member of women SHG under District Kudumbashree mission. She was trained by KVK on Organic manure production, its quality parameters, selection of packaging materials, packing of products and labelling under DFI programme of this KVK. She is now getting an income of Rs. 0.60 lakh per annum.



Jeeva Kudumbashree Micro Enterprise - The organic manure Shop



Name of farmer : Bindu Mani
Address : Blayil H, Airapuram
Age : 43
Education : PDC
Size of land holding (in acre) : 0.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Unemployed	Un employed	-	-	-	-
Total				0	0

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Entrepreneurship	Organic Input shop	1	12000 Kg	6,00,000	60,000	>100	>100
Total				6,00,000	60,000	>100	>100

Brief: The unemployed home maker was a member of women SHG registered under District Kudumbashree mission Ernakulam. She was trained by KVK on Organic manure production, its quality parameters, selection of packaging materials, packing of products and labelling under DFI programme of this KVK. She is now getting an income of Rs. 0.60 lakh per annum.



Jeeva Kudumbashree Micro Enterprise - The organic manure Shop



Before Intervention

Effect of DFI intervention

Name of farmer : Smt Sulfath Moideen

Ad dress : Kattuparambil, Aniyil P O, Edavanakkad

Age : 47 years

Education : Pre degree

Size of land holding (in acre) : 6 0 c e n t s

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Homestead vegetables	25 cents. Terrace	300 kg (Mostly for home use)	0	0
Field Crop 2	Cucurbits	5 cents	300 Kg	6500	3000
Livestock 1	Poultry-Desi	5 nos	425 eggs-own consumption	0	0
Livestock 2	Goat	2 nos	2-3 kids/year	9000	6000
Total				15500	9000

1) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Field Crop 1	Homestead vegeta	40 cents. Terrace cultivation	500 kg	9500	5000	67	100
Field Crop 2	Cucurbits	8 cents	480 kg	10350	6200	60	106.7
Livestock 1	Poultry Chabro, male Gramasree and broiler quail	500 nos	500 nos	92400	36000	>100	>100
Other enterprise	Kadaknath poultry and poultry chicks rearing	480	4350 nos	106550	34450	923.5	>100
Total				218800	81650		807

Brief: The farmer used to get annual income of Rs. 15500 from homestead vegetables, goat rearing. She faced problems like lower productivity, under utilization of land, disease issues etc. With DFI interventions like enterprise addition, improved birds, better management of crops and birds through technical advise etc., she is getting annual income of Rs. 218800. In addition, there is cost saving of Rs. 3000 in the production of coloured broilers.

Sulfath with Kadaknath and Chabro poultry



Sulfath Moideen with her quails





Name of farmer : Ullas AR
Address : Sankarath H, Karumaloor
Age : 45
Education : Pre Degree
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.)
Fisheries	Shrimp Framing	1.25	320 Kg/Acre	125000	25,000
Total		1.25	320 Kg/Acre	125000	25,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	1.25	45,000 No.	5,00,000	2,00,000	>100	>100
Total		1.25	45,000 No.	5,00,000	2,00,000	>100	>100

Brief: The farmer used to get annual income of Rs. 0.25 lakh from traditional shrimp farming. He had faced problems like WSSV disease, low survival, low production, etc. He had participated in Pearlspot seed production training programme. Thereafter he converted his farming pond to seed production pond. KVKs experts regularly visited his ponds and ensured continuous production. KVK accredited him as KVKs satellite seed producer. Lso extended support to market his seeds through KVKs farm store. Now he is getting annual income of Rs. 2 lakh.



Branded Pearlspot seed packed for supply



Farmer delivering seeds



Name of farmer : Luice G Kappan
Address : Kappil House, Vettampara, Kothamangalam
Age : 42
Education : Pre Degree
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.)
Fisheries	Fish seed production and marketing	3 Acre	Gourami seed 5,000	1,50,000	1,00,000
Total			Gourami seed 5,000	1,50,000	1,00,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Fish seed production and marketing	3 Acre	Gourami seed 15,000	4,50,000	3,00,000	200	200
Total				4,50,000	3,00,000	200	200

Brief: He used to get annual income of Rs. 1,00,000 from Gourami seed production. He faced problems like disease, mortality, marketing issues, etc. KVK extended support to water quality management, quality fish feed production and feeding, etc., KVK also supported him to market his produce. Now he is getting annual income of Rs.3,00,000.



Supply of fish seeds



Seed collection from breeding



Name of farmer : Yeju KS
Address : Kuttiyil House, Moothakunnam
Age : 43
Education : ITI
Size of land holding (in acre) : 4 Units

1) Before Intervention

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

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	4 cages	2,000 Kg	9,00,000	2,00,000	>100	>100
Total				9,00,000	2,00,000	>100	>100

Brief: The entrepreneur lost his job and unemployed during 2016. Thereafter he approached KVK for commencing cage fish culture in Moothakunnam brackishwater creek. KVKs expert visited the unit, extended support to design cages, fabricate and install. Routine visits also made to ensure good production. He could able to produce fish in good number from these units. KVK linked him to the potential buyers to sell his produce. Now he is getting annual income of Rs.2,00,000.



Cages installed in creek



Harvested Pearlspot



Name of farmer : Raji George
Address : Pariyadan, House, Peechanikkad
Age : 36
Education : Degree
Size of land holding (in acre) : 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Open farming	2 Acre	500 Kg	75,000	40,000
Total				75,000	40,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	5 cages in acre granite quarry	3,000 Kg	5,00,000	1,50,000	500	275
Total				5,00,000	1,50,000	500	275

Brief: She was a house wife and had attended KVK'S one month ASCI Skill training programme. After the training KVKs expert visited her land and abandoned granite quarry pond. KVKs expert suggested to commence Cage fish farming in the abandoned deep granite quarry pond. Support for cage design, fabrication support, license, seed sourcing, feed selection, etc., done. After the successful production KVK facilitated the marketing support by organizing Famr gate market in association with Kerala Sate Fisheries department. Now she could able to earn income of 1,50,000 annually.



Feeding in cages



Harvested fish



Name of farmer: JACOB MATHEW
Address: Ariat House, Thottumughom PO, Aluva
Age: 75
Education: MA
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	Rubber	3 acre	2200 sheets / year	260000	120000
Total				260000	120000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cassava	1 acre	120 q	180000	80000	>100	>100
Hort crop 1	Elephant footyam	80 cent	35q	87500	40000	>100	>100
Hort. Crop 2	Banana	1 acre	10 tonnes	2,80,000	1,20,000	>100	>100
Livestock 1	Poultry	20 Nos	4000 eggs	16000	4000	>100	>100
Total				563500	2,44,000	>100	>100

Brief: The farmer used to get annual income of Rs. 1,20,000 from RUBBER . He faced problems like low price, labour issues etc. With DFI interventions like crop replacement and marketing assistance he is getting annual income of Rs 2,44,000. In addition, there is cost saving of Rs. 5000 in the production of poultry manure .



SLAUGHTERED AREA OF RUBBER



YAM CROP



Name of farmer: SHIBU

Address: Shibu C J, Chelattu, Neericode PO, Alengad

Age: 44

Education: ITI

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	Fruit plants	1.5 acre	250 kg fruits	25000	15000
Total				25000	15000

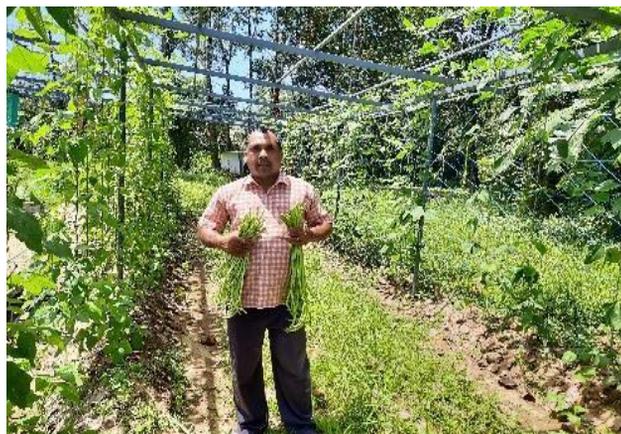
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Cucumber	10 cent	900 Nos	18000	8000	>100	>100
Hort. Crop 2	Yardlong bean	20 cent	8 quintal	32000	18000	>100	>100
Hort. Crop 3	Tomato	20 cent	29 quintals	72500	27500	>100	>100
Hort crop 4	Red lady papaya	1 acre	240 quintals	360000	2,20,000	>100	>100
Total				482500	273500	>100	>100

Brief: The farmer used to get annual income of Rs. 15000 from fruit plants grown in homestead. He faced problems like non utilization of land . With DFI interventions like FLDs, technical guidance for papaya cultivation etc., he is getting annual income of Rs 273500.



Fruit plants



High yielding variety replacement



Name of farmer : Vishnu NV
Address : Nikathil House, Ezhikkara
Age : 29
Education : ITI
Cage fish culture units (3mx 3mx1.5m) : 6 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	4 cages	400 Kg	1,40,000	80,000
Total				1,40,000	80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	6 cages	900 Kg	4,05,000	2,07,000	125	158
Total				4,05,000	2,07,000	125	158

Brief: He was doing small scale cage culture venture in the backwater canal located behind his home. He was getting about Rs. 80,000/- from 4 units of cages in the Veerampuzha river annually. KVK in association with Palliakkal bank provided scientific guidelines, training and marketing support to his unit. His production enhanced and he could able to market his produce at premium price. Now he is getting annual income of Rs 2,07,000.- from his cage units.



Cages installed in creek



Cage fabricating



Name of farmer : Jibi PK
Address : Puthanveed, House, Ezhikkara
Age : 37
Education : VHSE
Cage fish culture units (4mx 4mx 2m) : 3 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	1 cages	400 Kg	2,60,000	80,000
Total				2,60,000	80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	3 cages	1800 Kg	10,8000	3,60,000	350	350
Total				10,8000	3,60,000	350	350

Brief: He used to get annual income of Rs. 80,000 from 1 units of cages in the Veerampuzha river. KVK in association with Palliakkal Cooperative bank extended training support to the unit. Also organized a farmer consumer market interface “fam gate market” at his field to attract consumers and market produce at premium price. Now he is getting annual income of Rs 3,60,000.



Feeding



Cages



Name of farmer : Sreekumar TS
Address : Theruvumbil House, Pizhala
Age : 32
Education : SSLC
Cage fish culture units (4mx 4mx 2m) : 2 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	2 cages (4m x 4m x 2m)	400 Kg	2,00,000	1,12,000
Total				2,00,000	1,12,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	2 cages (4m x 4m x 2m)	1,200	7,20,000	2,94,000	200	162
Total				7,20,000	2,94,000	200	162

Brief: The farmer used to get annual income of Rs. 1,12,000 from 2 units of cages in the Veerampuzha river. With DFI interventions like nursery rearing, cage management, feed management, biofouling management, marketing etc., he is getting annual income of Rs 2,94,000.



Cages installed in creek



Cages



Name of farmer : Saneesh KS
Address : Kottaparambil House, Ezhikkara
Age : 35
Education : SSLC
Cage fish culture units (4mx 4mx 2m) : 1 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	1 cages	300 Kg	1,50,000	60,000
Total				1,50,000	60,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	1 cages	625 Kg	3,75,000	1,71,000	108	186
Total				3,75,000	1,71,000	108	186

Brief: The farmer used to get annual income of Rs. 60,000 from 1 units of cages in the Veerampuzha river. With DFI interventions like nursery rearing, cage management, feed management, biofouling management, marketing etc., he is getting annual income of Rs 1,71,000.



Harvested fish



Fish harvesting



Name of farmer : MA Maheshan
Address : Manalil House, Manjaali
Age : 49
Education : Pre Degree
Cage fish culture units (4mx 4mx 2m) : 3 Units of cages

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	3 cages (4m x 4m x 2m)	750 Kg	3,75,000	1,95,000
Total				3,75,000	1,95,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	3 cages (4m x 4m x 2.5m)	1800 Kg	9,90,000	4,57,000	140	134
Total				9,90,000	4,57,000	140	134

Brief: The farmer used to get annual income of Rs. 1,95,000 from 3 units of cages in the Veerampuzha river. With DFI interventions like nursery rearing, cage management, feed management, biofouling management, marketing etc., he is getting annual income of Rs 4,57,000.



Cages installed in creek



Harvesting from cages

**Effect of DFI intervention****Name of KVK:Ernakulam****Name of farmer****: Vivek S****Address****: Ethylil House, Kalamassery****Age****24****Education****: MBA****Farm area****: 1.6 Acres****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Pearlspot	0.8 acre	200 Kg	1,00,000	40,000
	Milkfish	0.8 acre	100 Kg	25,000	10,000
Total		1.6 Acre	300 Kg	1,25,000	50,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot	0.8 acre	500 Kg	2,50,000	1,50,000	150	275
	Milkfish	0.8 acre	500 Kg	1,25,000	75,000	400	650
Total		1.6 acre	1000 Kg	3,75,000	2,25,000	233	350

Brief: The farmer used to get annual income of Rs. 50,000 from 1.6 acre BW farm. With DFI interventions like nursery rearing, management, feed management, marketing etc., he is getting annual income of Rs 2,25,000.



Fish farming Pond



Harvesting



Name of farmer : Rasheedha
Address : Madarasapady, Karumaloor, Karumaloor P.O
Age : 45
Education : PDC
Size of land holding (in acre) : 4.5 acre (Lease land)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy	4.5 acres	33	89100	31100
Total				89100	31100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Branding and marketing	Paddy	4.5	44	171600	63000	33	102.57
Total				171600	63000		102.57

Brief: The woman is a paddy farmer doing paddy farming in a traditional method. KVK demonstrated application of soil test based primary and secondary nutrients along with application of dolomite as the liming material. KVK demonstrated branding and marketing of the paddy. The paddy branded in the name product of Ernakulam farmers and marketed through KVK's Farm Shoppe. **Her income doubled from Rs. 31100 to Rs. 63000/-**



Farming partner in the field



Packed rice



Name of farmer : P.D. Wilson
Address : Panjikkaran House, Karumalloor,
Karumalloor P.O
Age 45
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.)
Field crop	Paddy	1.5	35	94500	23000
Total				94500	23000

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/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field crop	Paddy	1.5	55	148500	67000	57.14	191.3
Total				148500	67000		191.3

Brief: The farmers cultivates paddy traditionally and KVK demonstrated Soil test based nutrient application, use of trichochoords, Secondary and micronutrient management (B, Mg & Zn), application of dolomite and growing of Dhiancha. **The yield improved, fertilizer cost reduced and the net income increased by nearly 191 percent from Rs. 23000 to Rs. 67000.**



Photo-1

Grown up dhiancha



Photo-2

Application of dolomite



Name of the Farmer : Chandrashekar Nair
Address : East Veliyathunadu, Karumaloor
Mobile Number : 9947616034
Age : 58
Education : SSLC
Size of land holding (in acre) : 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Paddy var. uma	2.5	41	110700	39200
Total				110700	39200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field Crop	Paddy var. Shreyas + Green gram and black gram in summer paddy fallows	2.5	62.5	168750	101250	52.44	158
Total				168750	101250		158

Brief: The paddy farmer continuously cultivates paddy variety Uma and the land lies fallow during summer. He gets low yield due to disease incidence and use of same variety. KVK demonstrated new paddy variety Shreyas and cultivation of green gram and black gram in the summer fallows. **The farmer got an increased income of 52 percent from Rs. 39200 to Rs. 101250/-.**



Paddy



Farming Partner Shri. Chandran in the plot



Name of farmer : P.M. Joemon
 Address : Puthuva Veedu, Tabore P.O., Mookkanoor
 Mobile Number : 9846204565
 Age : 58
 Education : PDC
 Size of land holding (in acre) : 2.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop	Banana	1.5	100	200000	50000
Field crop	Coconut	1.0	1200	12000	10000
Total				412000	60000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Field crop	Banana	1.5	230	480000	188790	15	277.58
Field crop	Coconut	1.0	2000	24000	17500	66.67	75
Total				5,04,000	206290		243.82

Brief: The farmer cultivates banana in his 1.5 acre land. He used to apply fertilizer without soil testing. The coconut garden is unattended and he does not bother to apply fertilizers. KVK demonstrated soil test based primary and secondary nutrient application with dolomite as the liming material. **His income increased from Rs. 60000 to Rs. 206290/-**



Plot with the harvest



Plot with the harvest

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

Name of farmer : Sindhu MS
Address : Thekkumparambil H, Karumaloor
Mobile Number : 8289817067
Age : 43
Education : SSLC
Size of land holding (in acre) : 1.25 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	1.25 Acre	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	1.25	25,000 No.	3,00,000	2,00,000	>100	>100
Total		1.25	25,000 No.	3,00,000	2,00,000	>100	>100

Brief: They have 2 ponds which was abandoned and not utilized for any income generating activities due to low pH and high iron content. After attending KVKs training programme pond water quality improved and solved the pH and iron issues and commenced Pearlspot seed production in the ponds. Presently she is getting annual income of Rs. 2 lakh.



Before the intervention



After the intervention

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

Name of farmer : Ajith Michael
Address : Valiyaveetil H, Kannamali
Mobile Number : 7025728374
Age : 47
Education : Pre Degree
Size of land holding (in acre) : 0.8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	0.8 acre	Nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.80	7,500 No.	75,000	45,000	>100	>100
Total			7,500 No.	75,000	45,000	>100	>100

Brief: The pond was abandoned and not utilized for any income generating activities. After attending KVKs training programme he started to do Pearlspot seed production in the ponds and presently he is getting annual income of Rs. 0.45 lakh.



Seed production unit



Packed seeds

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

Name of farmer : Shaiby Sajan
Address : Thaithara H, Kannamali
Mobile Number : 9745167788
Age : 42
Education : Pre Degree
Size of land holding (in acre) : 0.4 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	0.4 acre	nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.40	15,000 No.	1,50,000	1,00,000	>100	>100
Total		0.40	15,000 No.	1,50,000	1,00,000	>100	>100

Brief: The pond was abandoned and not utilized for any income generating activities due to poor water quality. After attending KVKs training programme she started to do Pearlspot seed production in the ponds and presently he is getting annual income of Rs. 1 lakh.



Seed production pond



Seed collection unit

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

Name of farmer : Santhosh Kumar
Address : Sankarath H, Kannamali
Mobile Number : 9495256969
Age : 53
Education : SSLC
Size of land holding (in acre) : 1.1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	1.1 acre	nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	1.1	15,000 No.	2,00,000	35,000	>100	>100
Total		1.1	15,000 No.	2,00,000	35,000	>100	>100

Brief: The pond was abandoned and not utilized for any income generating activities. After attending KVKs training programme he started to do Pearlspot seed production in the ponds and presently he is getting annual income of Rs. 0.35 lakh.



Seed production unit



Packed seed

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

Name of farmer : Sarin CS
Address : Chepputhara H, Thathappilly
Mobile Number :9961622329
Age : 41
Education : SSLC
Size of land holding (in acre) : 0.7 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Abandoned pond	0.7 acre	nil		
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.7	30,000 No.	3,00,000	1,25,000	>100	>100
Total		0.7	30,000 No.	3,00,000	1,25,000	>100	>100

Brief: The pond was abandoned and not utilized for any income generating activities. After attending KVKs training programme he started to do Pearlspot seed production in the ponds and presently he is getting annual income of Rs. 1.25 lakh.



Seed production pond



Seed supply



Name of farmer : K A. Sathyan
Address : Karakkathuruthu house, Cheriya thekkanam PO, Manjali
Mobile Number : 9947299813
Age : 57
Education : SSLC
Size of land holding (in acre): 1.8 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Elephant foot yam	1 acre	85 q / annum	136000	61000
Total			85 q/ annum	136000	61000

2) Status in 2020

Component Description		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	Elephant foot yam (sree Padma)	1 acre	125 q / annum	250000	120000	47.05	96.7
Hort. Crop 2	Banana	0.5 acre	48 q / annum	115200	50200	>100	>100
Total			173 q/annum	365200	170200		179.01

Brief: The farmer used to get annual income of Rs. 61000 with yam cultivation . He wanted to add banana farming. KVK assisted in precision farming technologies, micronutrient trials and With DFI interventions like precision farming , inputs support income was increased to 1,70200/ annum (179.01% increase)



Spraying of banana micronutrient



Article on yam cultivation



EFY field

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: SHAJU JACOB****Address****: Puthiyedathu house, Vyttila****Mobile Number****: 9444011106****Age****59****Education****: Graduate****Size of land holding (in acre)****: 0.6 ACRE****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.05	4.8 q	9600	5100
Total		0.05	4.8q	9600	5100

2) Status in 2020

Component Description		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	0.50	60 q	1,50,000.00	82000	25	1507
Total		0.50	60 q	1,50,000.00	82000		1507

Brief: The farmer used to get annual income of Rs. 5100 with banana cultivation in a small area . He wanted to scale up banana farming. KVK assisted in technical and input support at all stages and assisted in marketing also. With DFI interventions like training , inputs and marketing support income was increased to 82000/ annum (1507 % increase)



Mr.Shaju at banana farm



Harvested banana

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: MOHANAN NAIR****Address****: Melemattathil House,
kizhakkambalam PO****Mobile Number****: 9995642852****Age****62****Education****: Graduate****Size of land holding (in acre)****: 0.5 ACRE****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Snake gourd (local)	0.2	24 q	36000	19000
Hort. Crop 2	Bitter gourd (local)	0.3	27q	40500	22000
Total		0.5	51q	76500	41000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Snake gourd (baby)	0.2	38q	83600	42000	58.30	121.05
Hort. Crop 2	Bittergourd (Priyanka)	0.3	43q	86000	44000	59.26	100.00
Total		0.5	81q	169600	86000		109.75

Brief: The farmer used to get annual income of Rs.41000 with snake gourd and bitter gourd cultivation in a 0.5 acre small area . KVK assisted in technical programme and input support including seeds . With DFI interventions like training, Input supply and marketing support income was increased to 86000/ annum (109.8 % increase)



Small snake gourd plants in field



Cucumber in field



Effect of DFI intervention

Name of farmer

Address

Mobile Number

Age

Education

Size of land holding (in acre)

Name of KVK: Ernakulam

: Zackaria P V

**: Panelikkudy, Thottuva,
KOOVAPPADY**

: 9847314798

54

: 12th pass

: 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	0.5	48 q	96000	44000
Hort. Crop 2	Vegetables	1.0	74 q	148000	81000
Total				244000	125000

2) Status in 2020

Component Description		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	61 q	152500	82000	27.08	86.36
Hort. Crop 2	Vegetablea	1.0	145q	290000	170000	95.94	110
Total				442500	252000		101.6

Brief: The farmer used to get annual income of Rs. 125000 with banana and vegetable cultivation in 1.5 acres . KVK assisted in Banana and vegetable micronutrient trials, Precision farming in vegetables and input support at all stages and assisted in marketing also. With DFI interventions like micronutrient trials, precision farming , input assistance and marketing support income was increased to 252000/ annum (101.6 % increase)



Harvested pumpkin



Ridge gourd- arka sumeet variety

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: JOHN KURIEN****Address****: Kappadakka mattathil, Edappalli****Mobile Number****: 9447056951****Age****64****Education****: 12th pass****Size of land holding (in acre)****: 0.6 acre****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.4	36 q	64800	32500
Hort. Crop 2	Tapoca	0.2	24 q	28800	18000
Total				93600	50500

2) Status in 2020

Component Description		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 (micro nutrients, HDP)	0.4	48 q	115200	67500	33.3	107.7
Hort. Crop 2	Tapioca (sree pavithra)	0.2	34q	61200	38500	41.7	113.9
Total				442500	106,000		109.9

Brief: The farmer used to get annual income of Rs. 50500 with banana and Tapioca cultivation in 0.6 acres . KVK assisted in micronutrient trials, High density planting and sourcing high yielding Cassava planting materials . With DFI interventions like micronutrient trials, HDP, Introduction of new cassava variety and marketing support income was increased to 106000/ annum (109.9 % increase)



Banana and cassava field



Homestead vegetable cultivation

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: SHAMLA ASHIF****Address****: Naduvilaparambil, Malikampedika,**

aluva

Mobile Number**: 9037771151****Age****41****Education****: Graduate****Size of land holding (in acre)****: 0.5 acre****1) Before Intervention**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.2	18 q	36000	18000
Total				36000	18000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Vegetables	0.2	27 q	64800	36500	50	102.7
Hort. Crop 2	Papaya	0.3	92 q	1,38,000	73000	>100	>100
Total				202800	109500		508.33

Brief: The farmer used to get annual income of Rs. 18000 with vegetable cultivation in 0.2 acres . KVK assisted in supplying red lady papaya, yardlong beans and input support at all stages and assisted in marketing also. With DFI interventions like precision farming in papaya, introduction new yardlong bean deepika and marketing support income was increased to 109500/ annum (102.7 % increase)



Shamla in Red lady papaya field



Overview of field

Effect of DFI intervention**Name of KVK: Ernakulam****Name of farmer****: Lalitha Jayakumar****Address****: Chakyamuri, padivattom , ernakulam****Mobile Number****: 9995642852****Age****52****Education****: 12th****Size of land holding (in acre)****: 0.05 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	Homestead vegetables	0.05	4.2 q/annum	10500	5500
Total				10500	5500

2) Status in 2020

Component Description		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	Homestead vegetables	0.05	8 q	24000	12500	90.4	127
Total				24000	12500		127

Brief: The farmer used to get annual income of Rs. 5500 with vegetable cultivation in a small area . She wanted to scale up homestead farming. KVK assisted in technical and input support at all stages and assisted in marketing also. With DFI interventions like training , inputs and marketing support income was increased to 12500/ annum (127 % increase)



Field view



Various crops



Name of farmer

Address

Mobile Number

Age

Education

Size of land holding (in acre)

: MIRANDA FRANCIS

: Athipposhi House, thoppumpadi
PO

: 7902621065

28

: Graduate

: 0.1 ACRE

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Vegetables	0.1	8 q	16000	9000
Total				16000	9000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Hort. Crop 1	Vegetables	0.1	14.5	36250	21300	81.25	136.7
Total				36250	21300		136.7

Brief: The farmer used to get annual income of Rs. 9000/ annum with homestead vegetable cultivation in a small area of 10 cents . She wanted to scale up homestead farming output with GOOD practices and adoption of high yielding hybrids . KVK assisted in technical and input support at all stages. She is an ASCI nursery worker trainee and started a small nursery also recently. With DFI interventions like training , inputs and marketing support income was increased to 21300/ annum (136.7% increase)



Miranda in her homestead garden



Banana



Shri Naseer C M

Name of farmer : Shri Naseer C M
Address : Chembekunnath, Ponjassery P O 683547
Mobile Number : 9947433032
Age : 45
Education : SSLC
Size of land holding (in acre) : 0.3 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.)
Livestock 1	Poultry chicks rearing	2000 nos (4 batch /year)	8000 poultry chicks per year	8,00,000	120000
Total				8,00,000	120000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Poultry chicks rearing- Introduced other poultry chicks like Kadaknath, Thalasseri, Kalinga brown during lean period	2500 nos (6 batch /year)	15000 poultry chicks per year	15,00,000	424000	87.50	253
Livestock 2							
Total				15,00,000	424000		253

Brief: The farmer used to get annual income of Rs. 120000 from Gramasree poultry chicks rearing. He faced problems like lower profit margin, under utilization of shed due to marketing issues during lean period etc. With DFI interventions like new poultry breed introduction, training on feeding, management of Kadaknath and other poultry suitable in homesteads and assistance in marketing and procurement of quality chicks, he is getting annual income of Rs. 424000.



Kadaknath chicks in brooder at Karukadom



Farmer assisting in sales mela at CMFRI



Smt Lalitha Chandran

Name of farmer : Shri Janeesh P J
Address : Panjikkaran house, Karumaloor P O
Mobile Number : 9847662410
Age : 38 years
Education : SSLC
Size of land holding (in acre) : 0.40 acre

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income
Livestock 1	Poultry-Desi	10 nos	720/year from 10 birds	2700	675
Total			720/year from 10 birds	2700	675

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
Livestock 1	Poultry-Desi and improved thalasseri poultry	30 nos	2995/year from 30 birds	17395	7655	316	1034
Total				17395	7655	316	1034

Brief: The farmer used to get annual income of Rs. 675 from homestead desi poultry as supplementary income. He faced problems like lower productivity, under utilization of land, disease issues etc. With DFI interventions like improved birds, better management of birds through technical advise, training etc., he is getting annual supplementary income of Rs.7655 besides having enough eggs for own consumption as nutritional security.



Farmer with their poultry unit



Thalasseri unit



Shri Gafoor N K

Name of farmer : Shri Gafoor N K
Address : Naalparayil (H), Manjali, Mattupuram Mannam P O, Paravur
Mobile Number : 9744202314
Age : 50 yrs
Education : 8 th
Size of land holding (in acre) : 0.2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy farming	5 nos	9000/year	288000	72,000
Total			9000/year	288000	72,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Productio n (Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Dairy farming	8 Nos	17500 /lit /year	648000	1,85,000	94.4	157
Total			17500 /lit /year	648000	1,85,000		157

Brief: The farmer used to get annual income of Rs. 72000 from dairy farming. He faced problems like lower profit margin, loss due to imbalanced diet, scarcity of fodder, etc. With DFI interventions like reducing feed cost using TMR and complete ration along with technical assistance in feeding and management, he is getting annual income of Rs. 185000.



Farmer with his dairy cows



Complete ration demonstration at farm



Smt Sreeji Babu

Name of farmer : Smt Sreeji Babu
Address : Perathan (H), Puthuvypu P O, Ochanthuruth
Mobile Number : 9447461566
Age : 49 years
Education : PDC
Size of land holding (in acre) : 0.30 acre

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 2	Cucurbits , Lady's finger, Brinjal	2 cents	150 Kg	3500	1600
Livestock 1	Poultry-Desi & improved	10 nos	110/year/bird	3850	385
Livestock 3	Goat	2 nos	2 kids/year	9000	3000
Total				16350	4985

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 2	Cucurbits , Lady's finger, Brinjal	4 cents	240 kg	6500	3500	60	119
Livestock 1	Poultry-Chabro, for meat	200	320 kg live weight @ 1.6 kg avg wt/bird	41600	13500	100	100
Livestock 2	Poultry-improved and BV 380	20 nos	4100/year/bird	23350	3385	272.7	779
	Goat	6 nos	8 kids/year	36000	8000	300	167
Total				107450	28385		469.41

Brief: The farmer used to get annual income of Rs. 4985 from homestead vegetables, poultry, goat rearing. She faced problems like lower productivity, under utilization of land, disease issues etc. With DFI interventions like enterprise addition, improved birds, better management of crops and birds through technical advise etc., she is getting annual income of Rs.28,385.



Smt Sreeji with her goat unit



Smt Sreeji with Chabro poultry



Shri K C Umashankar

Name of farmer : Shri K C Umashankar
Address : Kallumadathil House, Edavanakkad
Mobile Number : 9847596535
Age : 44 years
Education : PDC
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.)
Livestock 1	Poultry-Desi	5 nos	340 Eggs /year including own consumption	640	240
Livestock 2	Quail	100 birds	2400 eggs/month	57600	14400
Total				58240	14,640

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 2	Quail units for meat	200 chicks/4 months	200 nos(24 kg meat)	30000	14500	100	100
Other enterprise (Specify)	Kadaknath poultry and Quail for eggs	210	5500 eggs /year	120150	30850	100.7	110.7
Total				150150	45350		210

Brief: The farmer used to get annual income of Rs. 14640 from desi poultry and quail rearing. He faced problems like lower productivity, disease issues etc. With DFI interventions like enterprise addition-Quail for meat, improved Kadaknath birds, better management of birds through technical advise etc., he is getting annual income of Rs. 45350.



Farmer with his quail unit



Umashankar with Kadaknath poultry



Shri Renish V R

Name of farmer : Shri Renish V R
Address : Viyathuparambil, Karumaloor O
Mobile Number : 9846333404
Age : 39 years
Education : PDC
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.)
Livestock 1	Poultry-Desi	5 nos	340 Eggs /year including own consumption	640	240
Total				640	240

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 2	Quail units for meat	200 chicks/4 months	24 kg meat	30000	14500	100	100
Other enterprise (Specify)	Improved Thalasseri poultry	25	3300 eggs /year from 25 birds	26400	6800	870.6	2733
Total				56400	21300		8775

Brief: The farmer used to get annual income of Rs. 240 from desi poultry as supplementary income. He faced problems like lower productivity, disease issues etc. With DFI interventions like enterprise addition- Quail for meat, improved Thalasseri birds, better management of birds through technical advise etc., he is getting annual income of Rs. 21300 as supplementary income along with nutritional security through enough eggs for their consumption.



Renish with Thalasseri poultry unit



Nandanam quail unit in his farm



Name of farmer : ANTO PAUL
Address : INCHIPPARAMBIL HOUSE, KOMBANAD PO,
 KOOVAPPADY
Mobile Number : 9447421616
Age : 57
Education : 12th
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	Vegetable cultivation- Okra	50 cents	60 quintals	120000	75000
Total				120000	75000

2) Status in 2020

Component Description		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	Vegetable cultivation	50 cents	75 quintals	225000	125000	25	66.7
Hort. Crop 2	Protected cultivation (bittergourd)	25 cents	37 quintals	92500	42500	>100	>100
Total				317500	167500		123.3

Brief: The farmer used to get annual income of Rs. 75000 with vegetable cultivation . He faced problems of marketing and KVK assisted in precision farming technologies and incorporation of good agricultural practices. With DFI interventions like precision farming , training on good agricultural practices income was increased to 1,67,500/ annum (123.3 % increase)



Bitter melon Open precision farming FLD by KVK



News of precision farming FLD came in Hindu business line



Name of farmer : K P Kanakan
Address : Thoduvakkara House, Eloor
Mobile Number : 9249973093
Age : 62
Education : 10th, ITI
Size of land holding (in acre): 15 cents

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	vegetable cultivation	7 cents	8.4 q / annum	25200	13200
Total				25200	13200

2) Status in 2020

Component Description		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	Vegetable cultivation in open precision farming	7 cents	15.9 Q/ anum	62400	30600	89.2	131.8
Hort. Crop 2	Poultry (new enterprise)	50 birds unit	yearly 1200 bird sales	300000	144000	>100	>100
Total				362400	177600		1222.73

Brief: The farmer used to get annual income of Rs. 13200 with vegetable cultivation . He wanted to add poultry and precision farming in vegetables. KVK assisted in precision farming technologies and guidance and input support for poultry farming. With DFI interventions like precision farming , inputs support and training for poultry farming income was increased to 1,77,600/ annum (1245.4% increase)



Precision farming vegetable unit of Mr.Kanakan



Homestead vegetable cultivation



Name of farmer : Unni. T. R
Address : Theruviparambil House, Pizhala
Mobile Number : 6235715970
Age : 45
Education : VIIIth STD
Cage fish culture units : 2 units of cages (4mx 4mx 2m)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Cage fish culture	2 cages	300 Kg	1,50,000	60,000
Total				1,50,000	60,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Cage fish culture	2 cages	800 Kg	4,00,000	1,60,000	166	166
Total				4,00,000	1,60,000	166	166

Brief: The farmer used to get annual income of Rs. 60,000 from 2 units of cages in the Veerampuzha river. He was facing issues with low survival, less production and frequent mortality issues. With DFI interventions like nursery rearing, cage management, feed management, biofouling management, marketing etc., his production got enhanced to 800 Kg. KVK also done necessary support to market his products also through “farm gate market”. Now he is getting annual income of Rs 1,60,000.



Feeding in cages



Fish cage



Name of farmer : Vinayak KS
Address : Kattiparambil H, Nayarambalam PO
Mobile Number : 9947298033
Age : 34
Education : MBA
Size of land holding (in acre) : 0.5 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Fish Framing	0.50	100 Kg	30,000	10,000
Total				30,000	10,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.5 acre	8,000 No.	80,000	56,000	>100	>100
Total				80,000	56,000	>100	>100

Brief: He is a MBA graduate, he was getting annual income of Rs. 0.1 lakh from his 0.5 acre pond from traditional farming mainly fish and shrimp. He faced problems like WSSV disease, low production and less survival, etc. KVK technical team suggested him to do Pearlspot seed production in the existing instead of old traditional farming. Theory and practical classes provided. Marketing support also extended. Presently he is getting annual income of Rs. 0.56 lakh from this pond.



Pearlspot seed



Seed production unit

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

Name of farmer : Justin Maxi
Address : Kavalakkal, Edakochi PO
Mobile Number : 9020689193
Age : 61
Education : Pre Degree
Size of land holding (in acre) : 0.5 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Shrimp Framing	0.50		0	0
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.5 acre	15,000 No.	2,50,000	2,00,000	>100	>100
Total				2,50,000	2,00,000	>100	>100

Brief: He had two ponds behind his house which is connected to near by water canal. It was earlier used for decaying coir pith works and it stopped years back and abandoned for years. Hearing KVKs technology on Pearlspot seed production he approached KVK for training. KVK extended theory and practical classes followed by site visits to commence the Pearlspot seed production in these ponds. Thereafter KVK extended marketing support to ensure better price for the produce. Presently he is getting annual income of Rs. 2 lakh.



Pearlspot seed farmer



Seed production pond



Name of farmer : Anil M. K
Address : Manalodiparambil, Mannam P.O., N.
Paravur
Mobile Number : 9539039912
Age : 30
Education : B.A
Size of land holding (in acre) : 0.04 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names/ Scheme	Area (Acre)/Number/ No. of man days	Production (Q/Liter/No.) Wages/ day	Gross Income (Rs.)	Net Income (Rs.)
Unemployed	Unemployed/ daily wages	50 days	Rs. 450 / day	22,500	22,500
Total				22,500	22,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Satellite packing centre of KVK products	Packing of KVK products	1	50000	1,00,000	1,00,000	>100	>100
Total				1,00,000	1,00,000	>100	>100

Brief: The unemployed graduate used to attend bits and pieces of work and get an annual income of Rs. 0.225 lakh. He approached KVK for an Entrepreneurship training. He was trained on selection of packaging materials, packing of products and labelling under DFI programme of this KVK. He established a satellite packing centre and started packing of KVK products and production of KVK biopesticides. He is now getting an income of Rs. 1.0 lakh per annum.



Satellite packing centre of KVK



Packed product

Effect of DFI intervention

Name of KVK: **Ernakulam**



Name of farmer : **Dinoj C.T**
Address : **Cheruvallipadyil H, Paniyeli P.O**
Mobile Number : **9847209952**
Age : **45**
Education : **SSLC**
Size of land holding (in acre) : **0.25 / 60 desi breed cows**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock	Desi bred wild grazing cow	60	Milk – 3650 litres	200000	50000
Total				200000	50000

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
Livestock	Organic manure production	60	Milk – 3650 litres Enriched cow dung – 1000 Kg Panchagavya – 1000 litres Desi Gomutra – 1000 litres	3,25,000	1,25,000	>100	>100
Total				3,25,000	1,25,000	>100	>100

Brief: The farmer had 60 No. desi bred wild grazing cows. He was getting an average milk yield of 500 ml per cow per day and was selling @ Rs. 55 per litre of milk. The potential income from organic manure (cow dung/ cows urine) left untapped and was getting an annual net income of Rs. 50,000/-.KVK provided him training on production of Panchagavya, Enriched cowdung and Collection of Desi gomutra. He started production of organic manures and was registered as a Satellite production centre of KVK under DFI. He is now getting an income of Rs. 1.25 lakh per annum.



Satellite production centre panchagavya



Organic manures produced by the farmer



Photo of farmer

Name of the Farmer : Jayan K
Address : Nikathithara H, Edavanakad P.O
Mobile Number : 9895714598
Age : 58
Education : SSLC
Size of land holding (in acre) : 0.04acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Farm worker	Daily wages	-	Rs. 350/ day	35,000	35000
Total				35,000	35000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income/ Turnover (Rs.)	Net Income (Rs.)	production	income
Satellite production centre	Planting media	-	5,000 bags	5,00,000	1,00,000	>100	>100
Total				5,00,000	1,00,000	>100	>100

Brief: The daily wage farm worker approached KVK for empanelment as a daily wage employee **was earning a meagre Rs. 35000**. He was given farm related work as and when required. Later he was trained by KVK on KVK's soilless planting media production and he started producing planting media. He was trained on identification of inputs, its quality parameters, packing of products and labelling under DFI programme of this KVK. His production unit was accredited as KVK's Satellite production centre. He is now getting an income of Rs. 1.00 lakh per annum.



Satellite production centre Soil less planting media



Packed SLM



Shri Valsan M V

Name of farmer : Shri Valsan M V
Address : Malayil House, Kureekkad P O,
 Thiruvankulam, Ernakulam
Mobile Number : 9846426669
Age : 58 years
Education : ITI, NAC
Size of land holding (in acre) : 0.2 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.)
Others	Repair of farm machinery	-	480 hrs of repair work	1,44,000	90,000
Total				1,44,000	90,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Others	Fabrication of poultry cages, hydroponic units, repair of tractors and other farm machinery	-	20 poultry cages and 3 hydroponic units and 900 hrs of repair work	3,60,000	2,35,000	>100	>100
Total				3,60,000	2,35,000		161

Brief: The farmer used to get annual income of Rs. 90000 from repair of farm machinery. He faced problems like less work and no other income during lean period etc. With DFI interventions like giving design awareness and specifications required for poultry cage fabrication, etc and more opportunities for repair of farm machinery, he is getting annual income of Rs. 235000.



Fabrication of cages in progress



Repair of farm machinery



Smt Lalitha Chandran

Name of farmer : Smt Lalitha Chandran
Address : Pottethara house, Narakkal
Mobile Number : 7034367538
Age : 59 years
Education : 9th
Size of land holding (in acre) : 0.20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Poultry-Desi and improved	10 nos	1100/year -own consumption	3850	385
Total			1100/year -own consumption	3850	385

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Quail units for meat	150	150 nos	6000	2000	100	100% (New intervention)
Livestock 2	Poultry-improved and BV 380, duck and quail for eggs	85 nos	19100 nos/year	73250	25250	1636.4	6458.4
Total				79250	27250		6977.92

Brief: The farmer used to get annual income of Rs. 385 from homestead desi poultry. She faced problems like lower productivity, under utilization of land, disease issues etc. With DFI interventions like enterprise addition, improved birds, better management of birds through technical advise, training etc., she is getting annual income of Rs.27250.



Smt Lalitha Chandran with her poultry unit



Duck unit with Smt Lalitha



Shri Vijayan P M

Name of farmer : Shri Vijayan P M
Address : Payiprayil House, Karukutty P O, Angamaly, Ernakulam
Mobile Number : 9744939185
Age : 51 years
Education : 8 th
Size of land holding (in acre) : 0.2 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.)
Others	Field use of farm machinery	-	650 hrs of farm machinery work	1,30,000	90,000
Total				1,30,000	90,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Others	Field use of farm machinery	-	1400 hrs of farm machinery work	2,80,000	2,10,000	115	133
Total				2,80,000	2,10,000		133

Brief: The farmer used to get annual income of Rs. 90000 from driving of farm machinery. He faced problems like less work and no other income during lean period etc. With DFI interventions like giving training on use of different farm machinery and more opportunities for farm machinery work, he is getting annual income of Rs. 210000.



Field preparation using tractor



Preparation using cage wheel attachment



Shri Abdul
bar A I

Name of farmer : Shri Abdul Jabbar A I
Address : Manalil, Manjali, Mattupuram Mannam P O,
 Paravur
Mobile Number : 98471460025
Age : 49
Education : P D C
Size of land holding (in acre) : 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy farming	7 nos	8000/year	256000	1,60,000
Livestock 2	Goat rearing	7 nos	6 kids/year	22000	7000
Total				278000	167000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Livestock 1	Dairy farming	9 nos	15000 /lit /year	630000	3,00,000	87.5	87.5
Livestock 2	Goat rearing	10 nos	12 kids/year	60000	20000	100	186
	Cage fish farming	4 cages	500 kg (Group farming)	225000	50000	>100	>100
Total				9,15,000	370000		121.56

Brief: The farmer used to get annual income of Rs. 167000 from dairy and goat rearing. He faced problems like lower profit margin, and loss of animals due to flood etc. With DFI interventions like assistance for procurement of pure malabari goats and reducing feed cost using TMR and complete ration along with introduction of cage fisheries, he is getting annual income of Rs. 370000.



Farmer with his dairy cows



Malabari goats in his farm



Name of farmer : Venu TS
Address : Thanthonikkal H, Karumaloor
Mobile Number : 9846679442
Age : 61
Education : SSLC
Size of land holding (in acre) : 0.5 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Shrimp Framing	0.50		0	0
Total					

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.5 acre	25,000 No.	2,50,000	2,00,000	>100	>100
Total				2,50,000	2,00,000	>100	>100

Brief: He owns a brackishwater pond with water exchange from backwater and it was abandoned due to the lack of technical knowhow. Seeing Pearlspot seed production by KVK trained farmers nearby his pond he approached KVK for training. KVK extended theory and practical sessions on Pearlspot seed production. KVKs experts made frequent visits also to his fields to monitor the progress. Thereafter he could able to good number of seeds utilizing his field. Then KVK extended support to market his seeds through KVKs farm store. Now he is getting annual income of Rs. 2 lakh.



Pearlspot seed unit



Seedpackets

Effect of DFI intervention

Name of KVK: Ernakulam



Name of farmer : Shibu TS
Address : Tahithara H, Karumaloor
Mobile Number : 9947923719
Age : 49
Education : VHSE
Size of land holding (in acre) : 80 cent

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Shrimp Framing	0.80	640 Kg/Acre	1,60,000	1,00,000
Total				1,60,000	1,00,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.80	40,000 No.	4,20,000	2,00,000	>100	>100
Total				4,20,000	2,00,000	>100	>100

Brief: His family owns brackishwater pond near to his house and they were utilizing this pond for fish farming following traditional farming practice. They were getting annual income of Rs. 1 lakh from this pond. He were facing many problems like disease, low survival, etc. He approached KVK to getting suitable training. KVK provided hands on training on Pearlspot seed production. Thereafter frequent visits to his fields was made by KVK expter. Standardized accelerated seed production in his ponds. KVK accredited him as a satellite seed producer and marketed his seed through KVKs farm store. Now he is getting annual income of Rs. 2 lakh.



Pearlspot seed collection unit



Seed promotion brochure



Name of farmer : Smt.Sandhya
Address : Kuzhikalezhath House,
Murikumpadom PO,Vypin
Mobile Number : 9497276262
Age : 51
Education : BA
Size of land holding (in acre): 0.5 ACRES

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify) Food Processing	Mango pickle Garlic pickle Lemon Dates pickle	0.5 Acre	350 kg	147000	22050
Total				147000	22050

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	Dried prawn Prawn pickle Prawn Roast Dried fish Fish pickle Mango pickle Garlic pickle Lemon and Dates pickle	0.5 Acre	80 kg@600/- 160kg@800/- 50kg@1000/- 100kg@400/- 150kg@700/- 80 kg@350/- 50 kg@500/- 500kg@500/-	48000 128000 50000 40000 105000 28000 25000 25000	179060	>100	712.06
Total				449000	179060		712.06

Brief: She used to get annual income of Rs. 22,050/- from the vegetable pickle making enterprise. After the intervention of KVK, she started producing new varieties of pickles and dried sea food items which resulted in the increase of her income to Rs. 1,790,60/-



Participating in an exhibition organized by ICAR CMFRI



Inauguration of gosree pickle unit



Name of farmer: SMITHA GOPAN

Address :Nandanam,Paanayur,Vaniyamkulam,Palakad-679522

Mobile Number: 99466808350

Age 37

Education : General Nursing

Size of land holding (in acre): 0.10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify)	Amla Pickle	0.5 Acre	350 Kg	177000	22050
Food Processing	Mango pickle				
	Beef pickle				
Total					22050

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FOOD PROCESSING	Prawn Pickle		610 Kg	366000	109800	74	397
	Fish pickle						
	Dried Shark pickle						
	Meat pickle						
	Squid pickle						
	8 Varieties of vegetable pickle						
Total				366000	109800		

Brief: She used to get annual income of Rs. 22050 from vegetable and meat pickle production. After the intervention of KVK, she started producing more than 16 varieties of pickles from vegetable and sea food. Currently she gets the annual income of Rs.109800/-



pickle



Pickle packaging



Name of farmer : Mr.SUKUMARAN,
Address :Moonnuthuruthil house,Anapuzha,Kodungallor,Thrissur
Mobile Number :9349854180
Age : 47
Education : SSLC
Size of land holding (in acre) : 0.10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Other enterprise (Specify) FOOD PROCESSING	Dried Prawn Dried prawn roast	0.10	35 Kg	15200	4440
Total			35 Kg	15200	4440

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Other enterprise (Specify)	•Dried prawn •Prawn chutney powder •Prawn pickle Squid pickle Mussel & clam pickle Mango 4 types of other pickles	0.10	910 Kg	328000	98400	2500	2130
Total			910 Kg	328000	98400	2500	2130

Brief: He used to get annual income of Rs. 4440/- from vegetable pickle enterprise. After the intervention of KVK, he started producing 13 varieties of vegetable and non vegetable pickles which resulted in the increase of his income to Rs. 98400/-



Farmer with his products



Packed products



Ready for sale



Name of farmer : Mr. Lala AS,
Address : Alayil House, Nayarambalam, Ernakulam
Mobile Number : 9447673873
Age : 58
Education : MVSc
Size of land holding (in acre) : 0.17 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fisheries	Shrimp Framing	0.17	30 Kg	25000	10000
Total			30 Kg	25000	10000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fisheries	Pearlspot seed production	0.17	20,000 Nos	2,00,000	1,00,000	>100	>100
Total				2,00,000	1,00,000	>100	>100

Brief: The farmer used to get annual income of Rs. 0.10 lakh from traditional **shrimp** farming. He had faced problems like WSSV disease, low survival, low production, etc. He had participated in **Pearlspot seed production training programme**. Thereafter he converted his farming pond to seed production pond. KVKs experts regularly visited his ponds and ensured continuous production. KVK accredited him as KVKs satellite seed producer. Also extended support to market his seeds through KVKs farm store. Now he is getting annual income of Rs. 1 lakh.



Seed acclimatization pond



Seed production pond