



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **S.C.Thimmaiah**
- Address : **Nalloor village, Ponnampet taluk
Karnataka**
- Age : **58 years**
- Education : **PUC**
- Size of land holding (in acre): **16 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	10.0	182	248400	63400
Hort. crop 1	Coffee	6.0	75	450000	270000
Hort. crop 1	Black pepper (Intercrop)	1.0	9.5	270000	174700
Livestock 1	Fishery	0.75	15.2	121600	84900
Livestock 2	Dairy	3 no.	3755	84100	26100
	Total			1174100	619100

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field crop 1	Paddy	10.0	210	273000	83000	15.4	30.9
Hort. Crop 1	Coffee	6.0	92	552000	389000	22.7	44.1
Hort. Crop 2	Black pepper	1.0	11.2	336000	243500	17.9	39.4
Hort. Crop 2	Nutrition garden	0.5	10.0	35100	31750	100	100
Livestock 1	Fishery	1.0	28.3	283000	241500	86.2	184.5
Livestock 2	Dairy	5 no.	7775	242700	159325	107.1	510.4
Livestock 3	Backyard Poultry	25 no.	3750 eggs + 106 kg meat	43150	27575	>100	>100
Other enterprises	Custom hiring service for Paddy	55.0 acre	-	220000	144500	>100	>100
	Total			1984950	1320150		113.2

Brief: The farmer used to get annual income of Rs. 6,19,100 in the coffee based mixed farming system, etc. He faced problems like low yield and blast disease in paddy, low yield and out turn in coffee, death of vines due to wilt disease in Black pepper, poor growth of fishes in the farm pond etc. With DFI interventions like high yielding blast resistant paddy var. KPR-1, soil test based fertilizer application use of Arka microbial consortium application in Black pepper & vegetable, introduction of composite fish culture (Catla, Rohu, Grass carp) and bee keeping and custom hiring services to farmers in mechanization of paddy etc., he is getting annual income of Rs 13,20,150.



Mechanized paddy cultivation



Improved vegetable cultivation



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Manjunath N**
- Address : **S/o Nagaraja B A, Devarapura village, Ponnampet taluk, Karnataka**
- Age : **34 years**
- Education : **BA**
- Size of land holding (in acre): **3.2 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	2.7	27.9	167400	82870
Hort. Crop 2	Black pepper (Inter crop)	0.5	2.4	72000	45150
Livestock 1	Dairy	3 no.	3963	89260	36885
Livestock 2	Fishery	0.2	4.2	33600	28600
Livestock 3	Backyard Poultry (Desi)	20 no.	800 eggs + 54 kg meat	14900	11900
	Total			377160	205405

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Coffee	2.7	32.4	194400	121740	16.1	46.9
Hort. Crop 2	Black pepper (Inter crop)	0.5	2.85	85500	56700	18.8	25.6
Livestock 1	Dairy	6 no.	8100	226800	114000	104.4	209.1
Livestock 2	Fishery	0.1	8.5	85000	60000	102.4	109.8
Livestock 3	Poultry (Giriraja)	30 no.	4500 eggs + 135 kg meat	45000	27000	>100	>100
Other enterprises	Vermicomposting	2 units	10 Q	43600	31370	>100	>100
Total				680300	410810		100

Brief: Farmer used to get annual income of **Rs. 205405** from crops and livestock etc. He faced problems of low yield in coffee, wilt incidence in black pepper, tick infestation in dairy and lack of knowledge on composting etc. With DFI interventions like Soil test based fertilizer application, application of enriched Arka microbial consortium with Jeevamrutha/vermicompost to pepper vines, scientific tick management and addition of new component of vermicomposting production unit from KVK. He is getting annual income of **Rs.4,10,810**. In addition, there is a savings in fertilizer cost of **Rs. 31,370** by production of vermicompost in his farm.



Yield enhancement in Black Pepper through scientific management of yellowing and spike shedding



Scientific Vermicomposting intervention by KVK

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : **Rashmi Bhanuprakash**
- Address : **Umamaheswari layout, Gonikoppal, Ponnampet taluk, Karnataka**
- Age : **43**
- Education : **B.A**
- Size of land holding (in acre): **3.0 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort crop 1	Arecanut	1.0	40.0	98000	60000
Hort crop 2	Coffee	1.0	15	89000	60000
Livestock 1	Backyard Poultry(Desi)	25 no.	1000 eggs + 62 kg meat	20500	16700
Livestock 2	Fishery	0.5	25.0	200300	165000
Total				407800	301700

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort crop 1	Arecanut	1.0	48.0	168000	115200	20.0	92.0
Hort crop 2	Coffee	1.0	17	108800	70800	13.3	18.0
Livestock 1	Backyard Poultry (Kadaknath)	100 no.	200 kg meat	42000	31000		85.6
Livestock 2	Fishery	0.5	42.0	420000	302000	68.0	83.0
Other enterprises	Mushroom production	-	6.5	130000	51700	>100	>100
Other enterprises	RTF bags (no.)	-	2200	88000	39500	>100	>100
Other enterprises	Value addition (Pickle bottles, 300gms) No.	-	600 no.	90000	87450	>100	>100
Total				1046800	697650		131.3

Brief: The farmer used to get annual income of **Rs.3,01,700** from her traditional farm. But she had entrepreneurial skills and wanted to start some enterprises. She faced problems like unemployment, and lack of additional income etc. With DFI interventions like Oyster mushroom skill training and incubation support at KVK, she has started mushroom RTF bag production and value addition in seasonal fruits. Now she is getting annual income of **Rs. 6,97,650/-**.



Production of RTF Mushroom Bags



Value addition in fruits and Mushroom



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Basappa**
- Address : **Cherendetti village, Madikeri Taluk Karnataka**
- Age : **62**
- Education : **SSLC**
- Size of land holding (in acre): **3.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crops 1	Paddy	1.0	9.50	12350	2500
Hort. Crop 1	Coffee	2.0	17.5	105000	61300
Hort. Crop 2	Black pepper (Inter crop)	0.5	2.0	60000	37635
Hort. Crop 3	Cucumber	0.5	48	72000	43500
Livestock 1	Backyard Poultry (Local)	20 no.	800 eggs + 50kg meat	16400	14400
Total				265750	159335

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crops 1	Paddy	1.0	11.85	15405	6655	24.7	166.2
Hort. Crop 1	Coffee	2.0	20.5	123000	75300	17.1	22.8
Hort. Crop 2	Black pepper (Inter crop)	0.5	3.0	90000	69150	50.0	83.7
Hort. Crop 3	Bitter gourd	0.25	52	84000	55100	8.3	26.7
Livestock 1	Backyard Poultry (Giriraja)	20 no.	3000 eggs + 90kg meat	31000	26000		80.6
Livestock 2	Dairy	2 no.	2600	75000	47000	>100	>100
Livestock 3	Piggery	2+1 no.	25 piglets	113500	55500	>100	>100
Total				531905	334705		110

Brief: The farmer used to get annual income of **Rs.1,59,335** in 2016-17. He faced problems like Low yield in coffee, flooding, blast disease in Paddy, spike shedding in Black Pepper and lack of farm diversification. With DFI interventions like introduction of High yielding blast resistant paddy variety KPR-1, Integrated knowledge on disease management in Black Pepper, scientific piggery and back yard poultry, he is now getting annual income of **Rs.3,34,705/-**.



Paddy Var. KPR-1 and IPM technologies demonstration



Yield Enhancement in Bitter gourd var. Priyanka



- Name of farmer : **Thithamada Ramesh**
- Address : **Kunda village, Ponnampet Taluk
Karnataka**
- Age : **52**
- Education : **PUC**
- Size of land holding (in acre): **11 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	8.0	90	553500	312462
Hort. Crop 2	Black pepper (Inter crop)	1.0	7.0	210000	115000
Hort. Crop 3	Black pepper (Mono cropping)	2.0	8	240000	120000
Total				1003500	547462

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Coffee	8.0	110	660000	420000	22.2	34.4
Hort. Crop 2	Black pepper (Inter crop)	1.0	9	288000	183000	28.6	59.1
Hort. Crop 3	Black pepper (Mono cropping)	2.0	29	899000	739000	262.5	515.83
Total				1847000	1342000		132.4

Brief: The farmer used to get annual income of **Rs 547462** from Coffee and Black pepper. He faced problems like Low yield, severe outbreak of Foot rot disease in Black Pepper. With DFI interventions like Integrated Disease management, introduction of Arka Microbial Consortium and spraying of Black Pepper special, soil test based nutrient application in coffee and pepper, he is getting annual income of **Rs.13,42,000**.



Integrated Disease management in Black Pepper with introduction of Arka Microbial Consortium in Black Pepper



Ramesh showing his luxurious crop of Black Pepper with high yield

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Prem Kumar T.R
- Address : S/o Ramaiah, Chikaluvara village, Somwarpet taluk, Karnataka
- Age : 48
- Education : B.A
- Size of land holding (in acre): 3.5 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Maize	1	22	26400	13600
Hort. Crop 1	Chilli	1	84.2	84200	57400
Hort. Crop 2	Ginger	1	148	296000	213500
Livestock 1	Dairy	3 no.	4065	91300	47900
Livestock 2	Backyard Poultry (Desi)	10 no.	400 eggs + 27 kg meat	7300	5300
Total				505200	337700

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Maize	1	25	40000	25700	13.6	89.0
Hort. Crop 1	Chilli	1	112.5	135000	88200	33.6	53.7
Hort. Crop 2	Ginger	1	162	324000	228000	9.5	6.8
Hort. Crop 3	Elephant foot yam	1 (on lease)	180	216000	160500	>100	>100
Livestock 1	Dairy	7 no.	10920	325760	209960	168.6	338.3
Livestock 2	Backyard Poultry(Giriraja)	20 no.	3000 eggs + 90 kg meat	30000	22000		315.1
Total				1070760	734360		117.5

Brief: The farmer used to get annual income of **Rs 3,37,700/-** from Maize, Chilli and Dairy. He faced problems like low yield in chilli and maize, infestation of ticks and imbalanced nutrition in Dairy and lack of diversification in farming etc. With DFI interventions like introduction of Arka Meghana chilli hybrid, Arka mangala, balanced nutrition in dairy and scientific poultry and tick management practices, he is getting annual income of **Rs.734360**. In addition, there is cost saving of **Rs 5800** by the production of farm made feed.



Introduction of Yard Long Bean variety Arka mangala



Introduction of Chilli hybrid Arka Meghana



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **P R Subash**
- Address : **Aruvathoklu village, Ponnampet taluk
Karnataka**
- Age : **54**
- Education : **B.A**
- Size of land holding (in acre): **15 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	13.0	127.4	764400	426700
Hort. Crop 2	Black pepper (Inter crop)	2.0	8	256000	200000
Livestock 1	Dairy	10 no.	12500	250000	90760
Livestock 2	Fishery	1.0	15	150000	107000
Total				1420400	824460

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	13.0	136.5	819000	505700	7.1	18.2
Hort. Crop 2	Black pepper (Inter crop)	2.0	10	320000	238000	25.0	19.0
Livestock 1	Dairy (Milk)	15 no.	19500	546000	266000	56.0	193.1
Other enterprises	Panchagavya preparation		12250	306250	184250	>100	>100
	Fishery	1.0	26	390000	265000	73.3	147.7
Other enterprises	Red pepper production	-	300 kg	240000	190000	100	100
Total				2621250	1648950		100

Brief: The farmer used to get annual income of **Rs 824460** from Coffee, Black pepper, Fishery and Dairy. He faced problems like low yield in coffee, wilt disease in black pepper, lack of green fodder and lack of knowledge on packing of milk, value addition, labeling and marketing of milk and milk products etc. With DFI interventions like composting of farm waste, introduction of Napier grass, use of AMC and value addition of Black Pepper (Red pepper production) etc., he is getting annual income of **Rs.1648950**. In addition, he is commercially producing milk products like Ghee, Panchgavya & selling it to other farmers.



Sorting for Red Pepper



Adoption of Arka microbial Consortium in Black Pepper variety Arka Coorg Excel



Before Intervention

- Name of farmer : **Rana Nanjappa**
- Address : **Arvathoklu village, Ponnampet taluk
Karnataka**
- Age : **79 years**
- Education : **B.Sc.**
- Size of land holding (in acre): **10 acres**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	1.5	25	37500	19500
Hort. crop 1	Coffee	8.0	96	614400	300825
Hort. Crop 2	Black pepper	1.0	3.3	108900	81700
Livestock 1	Dairy	9 no.	4560	136000	91200
Total				896800	493225

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field crop 1	Paddy	1.5	27	40500	22500	8.0	15.4
Hort. Crop 1	Coffee	8.0	110	726000	446000	14.6	48.3
Hort. Crop 2	Black pepper	1.0	3.8	133000	98000	15.2	20
Livestock 1	Dairy	9 no.	5220	156000	128600	14.5	41
Livestock 2	Fishery	0.5	2.8	36000	24700	>100	>100
Other enterprises	Bee keeping	05 Boxes	15	9000	6650	>100	>100
Other enterprises	Vermicompost	50 M ³	400	360000	260000	>100	>100
Total				1460500	986450		100

Brief: The farmer used to get annual income of **Rs. 493225** from paddy, coffee, Black pepper, Dairy etc. He faced problems like low yield in coffee and paddy, wilt diseases incidence in black pepper, non utilization of farm pond, lack of knowledge on composting and beekeeping. DFI interventions like Soil test based fertilizer application in coffee, introduction of composite fish culture, bee keeping and vermicomposting is giving annual income of **Rs 9,86,450/-**. He is now an expert in vermicomposting and produces 40tonnes of vermicompost annually.



Onsite production of Vermicompost



Azolla production for dairy and weed control in paddy



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Abhishek, G. M**
- Address : **S/o Mahadev, Guddehosur village, Kushalnagar taluk, Karnataka**
- Age : **28 years**
- Education : **B.Com**
- Size of land holding (in acre): **3.0 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. crop	Maize	1	22	22000	10500
Hort. Crop 1	Ginger	1	150	450000	28400
Hort. Crop 2	Banana	0.5	120	60000	40000
Livestock 1	Dairy	6	9000	225000	95000
Total				757000	173900

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agril. crop	Maize	1	25	30000	17200	14	64
Hort. Crop 1	Ginger	1	165	495000	360000	10	16
Hort. Crop 2	Banana	0.5	140	77000	50500	17	26
Livestock 1	Dairy	6	10500	262500	134500	17	42
Livestock 2	Piggery	30	4500	455000	275000	>100	>100
Livestock 3	Poultry	25	2500 eggs + 125 kg meat	32500	22000	>100	>100
Total				1352000	859200		394

Brief: The farmer used to get annual income of **Rs. 173900** from Maize, Ginger, Banana and Dairy etc. He faced problems like low yield in maize, diseases in ginger and banana, low productivity in dairy. DFI interventions like Soil test based fertilizer application, diversification of animal enterprises into piggery (Yorkshire and Duroc breed) and poultry (Giriraja), improvement in productivity in crops etc., he is getting annual income of Rs. 859200. In addition, there is cost saving of Rs. 5000 per month by collection and feeding of hotel waste in piggery.



A view of ginger plot



A view of piggery enterprise



Effect of DFI intervention Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : **S P Joyappa**
- **Address** : **s/o Areyur village, Somwarpet taluk
Karnataka**
- **Age** : **68 years**
- **Education** : **SSLC**
- **Size of land holding (in acre):** **5.0 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. crop	Paddy	1	15	19500	10000
Hort. Crop 1	Arecanut	1	15	40000	25500
Hort. Crop 2	Guava	0.5	17	20400	11900
Livestock 1	Dairy	2	2800	78600	44500
Total				168500	91900

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agril. crop	Paddy	1	24	29500	19000	60	90
Hort. Crop 1	Arecanut	1	20	50000	31500	33	24
Hort. Crop 2	Coffee	2.0	15	90000	55000	>100	>100
Hort. Crop 3	Black pepper	0.3	1.5	45000	26800	>100	>100
Livestock 1	Dairy	2	3200	88600	56250	14.3	26.4
Livestock 2	Poultry	30	3600 eggs + 150 kg	38500	28600	>100	>100
Total				331600	217150		136

Brief: The farmer used to get annual income of **Rs. 91,900** from Paddy, Arecanut, Guava and Dairy etc. He faced problems like low productivity in crops and livestock. DFI interventions like Soil test based fertilizer application in various crops, change of cropping pattern, diversification towards integrated farming system, additional enterprises like beekeeping, fodder production, plantation nursery. etc., he is getting annual income of Rs. 2,17,150. In addition, there is a cost saving through adoption of organic farming practices, vegetable production and bio-gas plant for home consumption.



Newly established coffee +Black pepper block



Back yard Giriraja poultry unit



Before Intervention

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Dinesh A. K**
- Address : **Chikkaluvara village,
Kushalnagar taluk, Karnataka**
- Age : **68 years**
- Education : **SSLC**
- Size of land holding (in acre): **8.0 acres**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. crop	Maize	3	65	78000	45500
Hort. Crop 1	Ginger	1	98	147000	77000
Hort. Crop 2	Colocasia	1	95	126000	82400
Hort. Crop 3	Chilli	1	80	80000	47200
Other enterprises	Tractor Rental services	100 hrs	-	56800	35000
Total				487800	287100

Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agril. crop	Coconut + Maize	3	75	90000	52000	15.2	14.2
Hort. Crop 1	Arecanut + Ginger	1	122	317200	218600	24.3	183.8
Hort. Crop 2	Coconut + Colocasia	1	112	134400	91800	17.5	11.4
Hort. Crop 3	Coconut + Chilli	1	105	120000	81000	31.2	71.6
Hort. Crop 4	Arecanut + Chilli	2	120	215000	138800	>100	>100
Other enterprises	Tractor Rental services	100 hrs	-	72600	45000	-	28.6
				949200	627200		118.46

Brief: The farmer used to get annual income of **Rs. 2,87,100** from Maize, Ginger, vegetables and Tractor rental services. He faced problems like poor productivity in maize, low price and diseases incidence in ginger and vegetables. DFI interventions like Soil test based fertilizer application, IPM in ginger and vegetables, increase in the no. of machineries for rental services. He is getting annual income of Rs. 6,27,200. The farmer has planted perennial crops like Coconut, Arecanut etc., which are in pre bearing stage.



Arecanut + Ginger cropping system



Coconut + Colocasia cropping system



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Cheriyaapanda Revathi**
- Address : **Kiragoor village, Ponnampet taluk
Karnataka**
- Age : **58**
- Education : **B.Sc.**
- Size of land holding (in acre): **13.3 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	2	20	22500	12500
Hort. Crop 1	Coffee	10	125	750000	312850
Hort. Crop 2	Black pepper	1	4.5	165000	126400
Hort. Crop 3	Arecanut	0.2	4.5	15750	9750
Livestock 1	Cattle	1	600	9000	8500
Total				962250	470000

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop	Paddy	2	30	45000	21000	50	68
Hort. Crop 1	Coffee	10	140	840000	440000	12	25.7
Hort. Crop 2	Black pepper	1	15	450000	365000	70	189
Hort. Crop 3	Arecanut	0.2	8	28000	20000	77	105.0
Livestock 1	Cattle	2	1800	33000	18500	200	117.6
Livestock 2	Fishery	0.5	2.6	52000	45500	>100	>100
Other enterprises	Horticulture						
	Nursery (No's)	0.02	2000	42000	30000	>100	>100
Total				1490000	940000		100

Brief: The farmer used to get annual income of Rs. 470000 from Coffee, Black pepper, and Arecanut. She faced problems like low yield in coffee, wilt disease in black pepper, non utilization of farm pond and poor quality planting material. With DFI interventions like composting of soil test based fertilizer application in crops, use of Jeevamrutha and AMC application in Black Pepper and introduction of composite fish culture and pepper nursery etc., she is getting annual income of Rs.940000. In addition, there she has started a horticulture nursery with technical support from KVK.





Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Deergakeshi Shivanna
- Address : Murnad village, Madikeri Taluk
Karnataka
- Age : 65 years
- Education : B A
- Size of land holding (in acre): 20 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	13	188	1125000	519000
Hort. Crop 2	Black pepper	2	12	360000	212500
Hort. Crop 3	Areca nut	05	240	625000	420500
Livestock 1	Cattle	2	2400	52600	29500
	Total			2162600	1181500

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	13	225	1350000	750000	19.7	44.5
Hort. Crop 2	Black pepper	2	18	540000	375000	50	76
Hort. Crop 3	Areca nut	05	350	1225000	978000	46	133
Livestock 1	Cattle	2	2800	78000	45000	17	53
Other enterprises	Vermicomposting	2 pits	150	150000	105000	>100	>100
	Fishery	1	10	200000	110000	>100	>100
	Total			3543000	2363000		100.00

Brief: The farmer used to get annual income of Rs. 1181500 from Coffee, Black pepper, Arecanut and cattle. She faced problems like low yield in coffee, arecanut and Black pepper, wilt disease in black pepper, koleroga in arecanut and labour problem etc. With DFI interventions like Soil test based fertilizer application in different crops, use of AMC in Black pepper, koleroga management in arecanut, mechanization etc., she is getting annual income of 23,63,000. In addition, there is cost saving of Rs. 1,200 through reduction of chemical fertilizers in arecanut cultivation by using Jeevamrutha practices and other organic interventions.



Mucuna as an green manure crop in Arecanut



Regular application of Jeevamrutha in farm



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Bhavya A N**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **31 years**
- Education : **PUC**
- Size of land holding (in acre): **3.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	1	11	16500	7500
Hort. Crop 1	Coffee	2	22.5	135000	96615
Hort. Crop 2	Black pepper (Intercrop)	0.25	0.65	19500	11500
Hort. Crop 3	Cardamom(Intercrop)	0.25	0.3	15000	10000
Livestock 1	Cattle	2 no.	2250	48000	27850
Livestock 2	Backyard Poultry	15 no.	525 eggs + 37 kg chicken	7650	6535
Total				241650	160000

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop	Paddy	1	15	22500	13300	36	77
Hort. Crop 1	Coffee	2	30	180000	130000	33	34
Hort. Crop 2	Black pepper (Intercrop)	0.25	2	60000	45350	207	294
Hort. Crop 3	Cardamom(Intercrop)	0.25	0.5	25000	17600	66	76
Hort. Crop 4	Vegetables	0.5	13.5	35200	22400	>100	>100
Livestock 1	Cattle	4 no.	4895	107900	67850	117	143
Livestock 2	Backyard Poultry	20 no.	3000 eggs + 125 kg meat	34000	23500	-	259.6
Total				464600	320000		100

Brief: The farmer used to get annual income of Rs. 160000 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper and low productivity in cardamom etc. With DFI interventions like Soil test based fertilizer application , use of high yielding paddy var. Hemavathy, application of Jeevamrutha + AMC in Black pepper and introduction of backyard poultry, adoption of fruit fly traps, vegetable special, scientific dairy management etc., she is getting annual income Rs. 3,20,000. In addition, there is cost saving of Rs. 2,200 through reduction of chemical fertilizers in Vegetables.



Black pepper as an intercrop in coffee



Mastitis management in Dairy farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : P P Ragini
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 63 years
- Education : PUC
- Size of land holding (in acre): 5.0 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	1	8.5	10200	3250
Hort. Crop 1	Coffee	3.5	48	252000	151307
Hort. Crop 2	Black pepper (Intercrop)	0.25	2.0	60000	48600
Hort. Crop 3	Cardamom	0.25	0.3	15000	9200
Livestock 1	Cattle	2 no.	2475	49500	28550
Total				386700	240907

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agril. Crop	Paddy	1	10.5	15751	7550	23	132
Hort. Crop 1	Coffee	3.5	58.0	288000	211500	21	39.8
Hort. Crop 2	Black pepper (Intercrop)	0.25	2.5	100000	68900	25	42
Hort. Crop 3	Cardamom	0.25	0.5	25000	14300	67	55
Hort. Crop 4	Vegetables (Summer)	1.0	40	62200	41600	>100	>100
Livestock 1	Cattle	3 no.	3993	105825	77964	61	173
Livestock 2	Piggery	2 no.	350 kg	42000	29500	>100	>100
Livestock 3	Backyard Poultry	25 no.	3750 eggs + 125 kg meat	42500	30500	>100	>100
Total				681276	481814		100

Brief: The farmer used to get annual income of Rs. 240907 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in cardamom and paddy etc. With DFI interventions like Soil test based fertilizer application, use of high yielding paddy var. Hemavathy, application of Jeevamrutha + AMC in Black pepper and introduction of vegetables(yard long bean – var. Arka Mangala, bitter gourd-var. Priyanka), backyard poultry(Giriraja) and piggery(Yorkshire) etc. & she is getting annual income of Rs.4,81,814. In addition, there is a cost saving of Rs. 3,200 through adoption of IPM practices in vegetables.



Demonstration of pruning in coffee



Dairy calf management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **P K Naveen Kumar**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **51 years**
- Education : **Degree**
- Size of land holding (in acre): **16.0 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	3	40	56500	31400
Hort. Crop 1	Coffee	10	90	540000	191020
Hort. Crop 2	Black pepper	2	8	256000	151000
Hort. Crop 3	Cardamom	1	3	150000	105000
Livestock 1	Cattle	2 no.	2675	58500	21550
Livestock 2	Backyard Poultry	25 no.	550 eggs + 45 kg meat	13300	9850
Total				1074300	509820

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	3	48	72000	47200	20	50.3
Hort. Crop 1	Coffee	10	110	660000	332000	22	73.8
Hort. Crop 2	Black pepper	2	12	378600	272800	50	81
Hort. Crop 3	Cardamom	1	3.5	345000	234500	17	123
Hort. Crop 4	Vegetables	1	128	38600	23600	>100	>100
Livestock 1	Cattle	3 no.	4050	108250	78645	51	265
Livestock 2	Backyard Poultry	25no.	3750 eggs + 125 kg meat	42500	30000	-	205
Other Enterprise	Bee keeping	25	1	50000	15900	>100	>100
Total				1694950	1034645		102.94

Brief: The farmer used to get annual income of Rs. 509820 from Coffee, Black pepper, Cardamom and paddy. He faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC in Black pepper and introduction of paddy var. Hemavathy, Vegetable cultivation (Yard long bean- var. Arka Mangala, cucumber), bee keeping and back yard poultry (Giriraja) etc., he is getting annual income of Rs. 10,34,645.



Demonstration of pruning in coffee



Scientific dairy management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Kishore Kumar C R**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **45 years**
- Education : **PUC**
- Size of land holding (in acre): **2.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	0.5	7	8400	4600
Hort. Crop 1	Coffee	1.8	15	90000	45600
Hort. Crop 2	Black pepper	0.1	0.6	18500	8500
Hort. Crop 3	Cardamom	0.1	0.2	12560	8100
Hort. Crop 4	Cucumber (Summer)	0.5	90	145000	65600
Livestock 1	Cattle	1 no.	1326	31650	14550
Total				306110	146950

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	0.5	9.5	14250	9050	36	97
Hort. Crop 1	Coffee	1.8	20	120000	85000	33	86
Hort. Crop 2	Black pepper	0.1	1.0	30000	23250	67	174
Hort. Crop 3	Cardamom	0.1	0.4	20000	14600	100	80
Hort. Crop 4	Yard long bean	0.5	120	150000	114400	>100	>100
Livestock 1	Cattle	3 no.	3800	99500	67460	187	364
Livestock 2	Backyard Poultry	20no.	3000 eggs + 125 kg meat	34000	28000	-	100
	Total			467750	341760		132

Brief: The farmer used to get annual income of Rs.1,46,950 from Coffee, Black pepper, vegetables and paddy. He faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of yard long bean (var. Arka Mangala) and back yard poultry(Giriraja) etc., he is getting annual income of Rs.3,41,760. In addition, there is a household cost saving of Rs.2,400 per month towards purchase of eggs and chicken.



Harvesting process in cardamom



Coffee + Cardamom intercropping system



- Name of farmer : Pushpavathi B.D
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 31 years
- Education : PUC
- Size of land holding (in acre): 3 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	8	9600	6100
Hort. Crop 1	Coffee	1.8	15	100000	45800
Hort. Crop 2	Black pepper	0.1	0.5	15000	9100
Hort. Crop 3	Cardamom	0.1	0.2	12500	7800
Livestock 1	Cattle	1 no.	1250	28500	13800
	Total			165100	82600

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	10.5	14900	9600	31	57
Hort. Crop 1	Coffee	1.8	18	115600	58600	20	28
Hort. Crop 2	Black pepper	0.1	2	55600	45900	300	404
Hort. Crop 3	Cardamom	0.1	0.22	15450	9750	10	25
Livestock 1	Cattle	2 no.	2800	76500	36800	124	166
Livestock 2	Pig	1 no.	150 kg	17500	10500	>100	>100
Livestock 3	Back yard Poultry	15 no.	1500 eggs + 75 kg meat	21200	15800	>100	>100
	Total			316750	186950		126.33

Brief: The farmer used to get annual income of Rs.82,600 from Coffee, Black pepper, vegetables and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of Yard long bean(var. Arka Mangala) and back yard poultry(Giriraja) etc., she is getting annual income of Rs.1,86,950.



Demonstration of soil test based fertilizer application in coffee



Scientific calf rearing in dairy management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Jashmi, K. J
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 28years
- Education : PUC
- Size of land holding (in acre): 9acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	12500	7600
Hort. Crop 1	Coffee	5.5	50	300000	145000
Hort. Crop 2	Black pepper	2	5	145600	75000
Hort. Crop 3	Cardamom	0.5	1	45600	21200
Total				503700	248800

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	12	16000	8900	20	17
Hort. Crop 1	Coffee	5.5	60	340000	220500	20	52
Hort. Crop 2	Black pepper	2	8	245600	167000	60	122
Hort. Crop 3	Cardamom	0.5	1.5	60500	42500	50	100
Hort. Crop 4	Banana	0.25	2.8	25600	18600	100	166
Livestock 1	Pig	3 no.	4.5	48500	27500	>100	>100
Other enterprise	Bee keeping	10	0.4	22600	15600	>100	>100
Total				758800	500600		101.2

Brief: The farmer used to get annual income of Rs.2,48,800 from Coffee, Black pepper, vegetables and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of Beekeeping, back yard poultry(Giriraja) and piggery(Duroc) etc., she is getting annual income of Rs. 5,00,600. In addition, there is cost saving of Rs. 2200 through local feed formulation for piggery.



Demonstration of INM in coffee



Demonstration of INM Coffee + Black pepper cropping system



- Name of farmer : **A S Subbaiah**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **71 years**
- Education : **SSLC**
- Size of land holding (in acre): **16 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	13200	5200
Hort. Crop 1	Coffee	11.5	100	560000	278550
Hort. Crop 2	Black pepper (Inter crop)	3	8	250500	152600
Hort. Crop 3	Cardamom (Inter crop)	0.5	1	50000	22100
Livestock 1	Cattle	1 no.	1300	29200	14200
Total				902900	472650

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	12	15000	12500	20	140
Hort. Crop 1	Coffee	11.5	130	660000	470500	30	70
Hort. Crop 2	Black pepper (Inter crop)	3	10	300000	222600	25	46
Hort. Crop 3	Cardamom	0.5	3	150000	95000	200	330
Livestock 1	Cattle	2 no.	2800	73000	48200	115	240
Other enterprise	Garcinia (dry & liquid concentrate)		4.5 & 50 bottles	78600	62600	>100	>100
	Bee keeping	15 Boxes	0.58	46500	33900	>100	>100
Total				1323100	945300		100

Brief: The farmer used to get annual income of Rs. 472650 from Coffee, Black pepper, cardamoms and paddy. He faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of value addition in garcinia, bee keeping and back yard poultry(Giriraja) etc., he is getting annual income of Rs. 9,45,300. In addition, there is cost saving of Rs. 1,500 per acre through adoption of organic farming practices.



Advisory on Coffee nutrition



Advisory on Dairy farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Raghu, D, B**
- Address : **Cherandetti village, Madikeri taluk**
- Karnataka :
- Age : **58 years**
- Education : **B A**
- Size of land holding (in acre): **9.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	12500	7100
Hort. Crop 1	Coffee	6.5	50	30000	175000
Hort. Crop 2	Black pepper	1	3	100000	75000
Hort. Crop 3	Cardamom	0.5	1	42500	26100
Livestock 1	Cattle	2 no.	2600	57400	24400
	Pig	1 no.	0.8	8500	6000
Total				250900	313600

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	15	16500	9800	50	38
Hort. Crop 1	Coffee	6.5	65	355600	210000	30	20
Hort. Crop 2	Black pepper	1	5	150000	98600	67	32
Hort. Crop 3	Cardamom	0.5	2	75600	45800	100	76
Livestock 1	Cattle	3 no.	4200	108500	68800	62	182
Livestock 2	Pig	3 no.	4.5	48500	27500	463	358
Livestock 3	Fishery	0.5	3.5	70000	45000	>100	>100
Livestock 4	Back yard poultry	500	50	200000	160000	>100	>100
Total				1024700	665500		112

Brief: The farmer used to get annual income of Rs. 3,13,600 from Coffee, Black pepper, cardamom and paddy. He faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery (Yorkshire), fishery (composite fish culture) and back yard poultry (Giriraja) etc., he is getting annual income of Rs. 6,65,500. In addition, there is cost saving of Rs.2500 per month towards low cost balanced animal feed preparation at farm level.



Advisory on Regulation of shade in coffee



Giriraja Back yard poultry farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : C.K.Susheela
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 54 years
- Education : 8th
- Size of land holding (in acre): 3.5 acres

Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	0.5	5	7200	3250
Hort. Crop 1	Coffee	2.5	20	100000	62500
Hort. Crop 2	Black pepper (Inter crop)	0.25	0.5	15800	8900
Hort. Crop 3	Cardamom (Inter crop)	0.25	0.2	12000	7500
	Total			135000	82150

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop	Paddy	0.5	6	7500	4500	20	39
Hort. Crop 1	Coffee	2.5	25	150000	98600	25	58
Hort. Crop 2	Black pepper (Inter crop)	0.25	3	90000	65800	500	640
Hort. Crop 3	Cardamom (Inter crop)	0.25	1	50000	35500	400	773
Livestock 1	Cattle	1 no.	1300	37500	22000	>100	>100
Livestock 2	Back yard poultry	10 no.	1000 eggs + 50 kg meat	13500	9800	>100	>100
	Total			348500	236200		187

Brief: The farmer used to get annual income of Rs. 82,150 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of back yard poultry (Giriraja) & demonstration of fodder (DHN-6) etc., She is getting annual income of Rs. 2,36,200.



Demonstrating of pruning in coffee



Demonstrating of Fodder(DHN-6)



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Dalamma, P.B**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **60 years**
- Education : **2nd**
- Size of land holding (in acre): **2.75 acres**

Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	1200	7900
Hort. Crop 1	Coffee	1.25	12	65000	53600
Hort. Crop 2	Black pepper (Inter crop)	0.25	0.5	15000	9600
Hort. Crop 3	Cardamom (Inter crop)	0.25	0.2	10500	7800
Livestock 1	Cattle	1 no.	1200	29500	19450
Total				121200	98350

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	12	16200	10500	20	33
Hort. Crop 1	Coffee	1.25	15	90000	69500	25	30
Hort. Crop 2	Black pepper	0.25	0.8	25600	16500	60	72
Hort. Crop 3	Cardamom	0.25	0.5	21100	12800	150	64
Livestock 1	Cattle	4 no.	5200	135000	78500	333	304
Livestock 2	Back yard poultry	10	1200 eggs + 60 kg meat	14500	11000	>100	>100
Total				302400	198800		102

Brief: The farmer used to get annual income of Rs. 98,350 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of back yard poultry (Giriraja)etc., she is getting annual income of Rs. 1,98,800. In addition, there is cost saving of Rs. 1,000 per month towards purchase of eggs, chicken and feed cost, for household usage.



Small scale vegetable cultivation



Advisory on Dairy farming



Before Intervention

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : **Bhagya, P.Y**
- **Address** : **Cherandetti village, Madikeri taluk
Karnataka**
- **Age** : **36 years**
- **Education** : **PUC**
- **Size of land holding (in acre): 2 acres**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	0.5	4	6000	3800
Hort. Crop 1	Coffee	1	10	65000	42500
Hort. Crop 2	Black pepper(Inter crop)	0.25	0.5	15000	9600
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.2	10500	7800
Livestock 1	Cattle	2 no.	2400	52000	25000
Total				148500	88700

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	0.5	6	9100	5890	50	55
Hort. Crop 1	Coffee	1	15	92000	68100	50	60
Hort. Crop 2	Black pepper (Inter crop)	0.25	0.6	22100	13800	20	43
Hort. Crop 3	Cardamom (Inter crop)	0.25	0.5	18600	13100	150	68
Livestock 1	Cattle	5 no.	6500	172500	98500	170	294
Livestock 2	Back yard poultry	10 no.	1200 eggs + 50 kg meat	15500	11500	>100	>100
Total				329800	210890		137

Brief: The farmer used to get annual income of Rs. 88,700 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and enhancement of cattle numbers and introduction of back yard poultry(Giriraja) etc., she is getting annual income of Rs. 2,10,890.



Advisory on leaf folder infestation management in Paddy



Advisory on calf management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **P.V. Manu**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **62 years**
- Education : **SSLC**
- Size of land holding (in acre): **5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	2.0	18	22500	13200
Hort. Crop 1	Coffee	2.25	20	125000	82500
Hort. Crop 2	Black pepper(Inter crop)	0.5	1.0	30000	21200
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.2	10500	8000
Livestock 1	Cattle	2 no.	2400	53000	28300
Livestock 2	Pig	2 no.	3.25	28500	18200
Total				269500	171400

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	25	28600	17500	39	33
Hort. Crop 1	Coffee	2.25	25	150000	98100	25	19
Hort. Crop 2	Black pepper (Inter crop)	0.5	1.5	45800	29900	50	41
Hort. Crop 3	Cardamom (Inter crop)	0.25	0.4	22600	14100	100	76
Livestock 1	Cattle	8 no.	10400	265000	148500	333	425
Livestock 2	Pig	4 no.	6.5	68500	38500	100	112
Livestock 3	Back yard poultry	10 no.	1100 eggs + 60 kg meat	16500	11800	>100	>100
Total				597000	358400		109

Brief: The farmer used to get annual income of Rs. 171400 from Coffee, Black pepper, Cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery(Duroc) and back yard poultry(Giriraja)etc., She is getting annual income of Rs. 3,58,400. In addition, there is a cost saving of Rs. 1,800 per month towards preparation of animal feed, at farm level itself.



Demonstration of pruning in coffee



Advisory on fattening of pigs



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **S. V. Harini**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **39 years**
- Education : **PUC**
- Size of land holding (in acre): **4.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	0.5	6	7600	4100
Hort. Crop 1	Coffee	3	25	165000	94375
Hort. Crop 2	Black pepper(Inter crop)	0.75	2.5	75000	52600
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.2	10000	6300
Livestock 1	Cattle	2 no.	2450	53900	27800
Total				311500	185175

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop	Paddy	0.5	8	9600	6500	33	58.5
Hort. Crop 1	Coffee	3	40	240000	140000	60	48.3
Hort. Crop 2	Black pepper(Inter crop)	0.75	4.0	120000	85600	60	63
Hort. Crop 3	Cardamom (Inter crop)	0.25	0.5	25000	16500	150	162
Hort. Crop 4	Vegetables (Summer)	0.2	9	12800	9300	>100	>100
Livestock 1	Cattle	4 no.	5250	135800	71250	114	156.3
Livestock 2	Pig	2 no.	3.25	38900	28400	>100	>100
Livestock 3	Back yard poultry	15 no.	1800 eggs + 78 kg meat	22850	14800	>100	>100
Total				604950	372350		101

Brief: The farmer used to get annual income of Rs. 185175 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of yard long bean(Arka Mangala), piggery(Duroc) and back yard poultry(Giriraja) etc., she is getting annual income of Rs. 3,72,350. In addition, there is cost saving of Rs. 1,500 per acre through organic farming practices.



Advisory on Heifer management in Dairy



Advisory on Backyard Giriraja poultry farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Mallige, K.G**
- Address : **Cherandetti village, Madikeri taluk
Karnataka**
- Age : **48 years**
- Education : **PUC**
- Size of land holding (in acre): **3.0 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	12600	8100
Hort. Crop 1	Coffee	1.5	15	92600	62900
Hort. Crop 2	Black pepper(Inter crop)	0.25	0.5	16000	13500
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.2	12000	8600
Livestock 1	Cattle	1 no.	1200	29500	18500
Total				162700	111600

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	12	16500	10800	20	33
Hort. Crop 1	Coffee	1.5	18	110000	72500	20	15.3
Hort. Crop 2	Black pepper(Inter crop)	0.25	1	30000	21200	100	57
Hort. Crop3	Cardamom(Inter crop)	0.25	0.3	15600	9200	50	7
Livestock 1	Cattle	2 no.	2800	75000	68000	133	268
Livestock 2	Pig	2 no.	3.25	43000	29500	>100	>100
Livestock 3	Back yard poultry	10 no.	1250 eggs + 55 kg	16500	12000	>100	>100
Total				306600	223200		100

Brief: The farmer used to get annual income of Rs. 111600 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery(Yorkshire) and back yard poultry(Giriraja) etc., She is getting annual income of Rs. 2,23,200. In addition, there is cost saving of Rs. 1,200 towards local formulation of animal feed.



Advisory on IPM in Paddy



Advisory on piggery fastening



Before Intervention

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : **Parvathi**
- **Address** : **Cherandetti village, Madikeri taluk
Karnataka**
- **Age** : **54 years**
- **Education** : **Primary**
- **Size of land holding (in acre): 2.5 acres**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop-1	Paddy	0.5	4	4800	2700
Hort. Crop 1	Coffee	1.5	15	90000	48000
Hort. Crop 2	Black pepper(Inter crop)	0.25	0.6	18000	12000
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.25	12500	7700
Livestock 1	Back yard poultry	5 no.	250 eggs + 22 kg meat	2800	1900
Total				128100	72300

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop-1	Paddy	0.5	5	7500	5000	25	85
Hort. Crop 1	Coffee	1.5	18	108000	68000	20	42
Hort. Crop 2	Black pepper(Inter crop)	0.25	1.0	30000	22000	67	83
Hort. Crop 3	Cardamom(Inter crop)	0.25	0.3	30000	23000	20	198.7
Hort. Crop 4	Vegetables	0.3	12	24500	15000	>100	>100
Livestock 1	Pig	4 no.	6.22	68500	39600	>100	>100
Livestock 2	Back yard poultry	10 no.	1500 eggs + 74 kg meat	18600	12200	-	542.1
Total				287100	184400		155.1

Brief: The farmer used to get annual income of Rs. 72,300 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application , use of AMC with Jeevamrutha application in Black pepper and introduction of yard long bean(Arka mangala) and back yard poultry(Giriraja) etc., she is getting annual income of Rs. 1,84,400. In addition, there is household saving of Rs. 1,500 per month on purchase of egg and meat.



Demonstration of pruning in coffee



Advisory on Scientific Piggery



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Surjith. B.V**
- Address : **Nanjarapatna village, Kusgalnagar taluk Karnataka**
- Age : **30years**
- Education : **MBA**
- Size of land holding (in acre): **10 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.5	20	28600	10200
Hort. Crop 1	Coffee	5	30	185000	105000
Hort. Crop 2	Black pepper(Inter crop)	1	5	150000	97000
Hort. Crop 3	Arecanut	2.0	25	62500	28600
Livestock 1	Cattle	2	700	17500	12600
	Total			443600	253400

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.5	25	45000	27000	25	165
Hort. Crop 1	Coffee	5	50	300000	165000	67	57
Hort. Crop 2	Black pepper(Inter crop)	1	8	250000	135000	60	22
Hort. Crop 3	Arecanut	2.0	40	140000	85800	60	200
Livestock 1	Cattle	2	900	27000	18600	29	48
Livestock 2	Nursery(Arecanut)	-	5000	40000	26800	>100	>100
Livestock 3	Fishery	0.1	5	75000	48600	>100	>100
	Total			877000	506800		100

Brief: The farmer used to get annual income of 253400 from Coffee, Black pepper, Arecanut and paddy. He faced problems like low yield in coffee, arecanut, wilt disease in black pepper, low productivity in paddy etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and imparting of nursery management skill (ASCI) and fishery etc., he is getting annual income of Rs. 5,06,800. In addition, there is cost saving of Rs. 2,500 by adoption of organic practices in Black pepper.



Arecanut nursery var. Theerthalli



Composite fish culture in farm pond



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : **Balakrishna, T.R**
- Address : **Kudumangalore village, Kusalnagar taluk Karnataka**
- Age : **24years**
- Education : **SSLC**
- Size of land holding (in acre): **3.5 acres**

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1	10	12500	6600
Hort. Crop 1	Coffee	1.25	4	25000	12600
Hort. Crop 2	Black pepper(Inter crop)	0.25	0.5	15000	9600
Livestock 1	Cattle	2	1600	46500	28900
Livestock 2	Poultry	5	350 egg + 18 kg meat	3000	1800
Others	Nursery(Arecanut)		9000	120000	65600
	Total			222000	125100

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy (Lease)	2	25	30000	12600	60	47
Hort. Crop 1	Coffee	1.25	5	30000	16800	20	33.3
Hort. Crop 2	Black pepper(Inter crop)	0.25	1	30000	18900	100	97
Livestock 1	Cattle	2	2200	55000	35200	37.5	21.8
Livestock 2	Poultry	10	700 eggs + 36 kg meat	5600	3500		14
Others	Nursery(Arecanut, coffee, black pepper)		21000	230000	145600	133.3	122
	Rental services – machine weeding	500 hrs		150000	96500	>100	>100
	Total			530600	329100		163

Brief: The farmer used to get annual income of Rs. 1,25,100 from Coffee, Black pepper, paddy and livestock. He faced problems like low yield in coffee, wilt disease in black pepper, unemployment etc. With DFI interventions like Soil test based fertilizer application and skill development on nursery management through ASCI and machine weeding(own/others) is getting annual income of Rs. 3,29,100.



Coffee + Black pepper inter cropping system



Nursery of coffee, black pepper and arecanut



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : P C Vitttala
- Address : Kopatti village, Madikeri taluk
Karnataka
- Age : 58years
- Education : PUC
- Size of land holding (in acre): 5.75 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	3.5	45	270000	170950
Hort. Crop 2	Black pepper(Inter crop)	1	4.5	180000	85000
Hort. Crop 3	Cardamom	1	0.25	50000	26500
Livestock 1	Bee keeping	5	0.2	10000	6800
Total				472500	289250

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	3.5	65	409500	310000	44	59
Hort. Crop 2	Black pepper(Inter crop)	1	6	180000	145000		
Hort. Crop 3	Cardamom	1		80000	67110	200	436
Livestock 1				Cattle	2		
Livestock 2	Bee keeping	20	0.85	42500	34500	325	407
Total				740500	578510		100

Brief: The farmer used to get annual income of Rs. 289250 from Coffee, Black pepper and cardamom. He faced problems like low yield in coffee, wilt disease in black pepper, high cost of cultivation etc. With DFI interventions like Soil test based fertilizer application, use of AMC application in Black pepper, he is getting annual income of Rs. 5,78,510.



Advisory on cardamom cultivation



Advisory on Dairy farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Dharmendra
- Address : Basariguppe Village, Torenur Po, Kushalnagar Tq
Karnataka
- Age : 41 years
- Education : PUC
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1	20	20000	7500
Hort. Crop 1	Elephant foot yam	0.5	75	75000	44260
Livestock 1	Dairy	1	1050	21000	14800
Total				116000	66560

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Elephant foot yam	1.0	140	140000	91400	86.6	106.5
Livestock 1	Dairy	2.0	1975	53325	18025	88.8	21.7
Livestock 2	Piggery	1	1.4	21000	9000	>100	>100
Livestock 3	Poultry	10	1500 egg + 25 kg chicken	18300	14700	>100	>100
Total				232625	133125		100

Brief: The farmer used to get annual income of Rs. 66560 from Maize, Elephant foot yam and Dairy. He faced problems like low yield in maize and low milk yield & ectoparasite infestation in cows etc. With DFI interventions like Soil test based fertilizer application, ectoparasite management, clean milk production practices, introduction of piggery and poultry, now is getting annual income of Rs. 133,125



A view of elephant foot yam crop



Balanced feeding & management in Pig



- **Name of farmer** : Chandra, C.
- **Address** : Basariguppe Village, Torenur Po, Kushalnagar Tq Karnataka
- **Age** : 60 years
- **Education** : Primary
- **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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	0.5	10	10000	5000
Hort. Crop 1	Colocasia	0.5	40	60000	38600
Livestock 1	Dairy	2	2100	40000	17000
Total				110000	60600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/L/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger	0.5	50	110000	68000	>100	>100
Hort. Crop 2	Elephant foot yam	0.5	60	90000	65000	>100	>100
Livestock 1	Dairy	2	2300	62100	39100	9.5	130
Total				210100	172100		183

Brief: The farmer used to get annual income of Rs. 60600 from Maize, Colocasia, and Dairy. He faced problems like low yield in crops, low milk yield and low productivity etc. With DFI interventions like Soil test based fertilizer application, clean milk production practices and introduction of new crops like ginger in place of Maize, Elephant foot yam and adoption of advisory services from KVK, he is getting an annual income of Rs. 172,100/-.



Elephant foot yam crop



Mastitis management in dairy cow



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Jagan K.P
- Address : Basariguppe Village, Torenur Po, Kushalnagar Tq, Karnataka
- Age : 28 years
- Education : S.S.L.C
- Size of land holding (in acre): 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Maize	3.0	52	57200	22200
Hort. Crop 1	Tapioca	1.0	180	144000	99000
Hort. Crop 2	Coffee	1.0	10	60000	34400
Total				261200	155600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. crop 1	Maize	2	45	63000	39000	-13.4	75
Hort. Crop 1	Elephant foot yam	1	160	176000	124500	>100	>100
Hort. Crop 2	Ginger	1	120	144000	81500	>100	>100
Hort. Crop 3	Coffee	1	15	90000	54400	50.0	58.1
Livestock 1	Piggery	6	4.5	67500	31600	>100	>100
Total				540500	331000		112.7

Brief: The farmer used to get annual income of Rs. 1,55,600 from Maize, and Tapioca. He faced problems like low yield in coffee, Incidence of diseases in ginger etc. With DFI interventions like Soil test based fertilizer application, IPDM in Ginger and introduction of Elephant foot yam and piggery, now he is getting annual income of Rs. 331000.



INM in elephant foot yam



Scientific Piggery management – Yorkshire



- Name of farmer : Mangala
- Address : Chikkaluvara Village, Torenur Po, Kushalnagar Tq, Karnataka
- Age : 39 years
- Education : 5th std
- Size of land holding (in acre) : 1.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril crop 1	Maize	1	15	18000	5200
Hort. Crop 1	Colocasia	0.5	42	50400	36500
Livestock 1	Dairy	1	880	22500	14200
Total				90900	55900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	0.5	7	8400	2200	-53.3	-57.6
Hort. Crop 1	Ginger	1	125	150000	94400	>100	>100
Livestock 1	Dairy	2	2340	70520	40380	165.9	184.3
Total				228920	136980		145.0

Brief: The farmer used to get annual income of Rs. 55,900 from Maize, Colocasia and dairy. She faced problems like low yield in maize, low price of colocasia, tick infestation and poor productivity of dairy etc. With DFI interventions like Soil test based fertilizer application, IPDM in ginger, control of tick infestation in dairy, now she is getting an annual income of Rs. 1,36,980/-.



Farmer with Elephant foot yam



Management of Ticks in cows



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Mangala Chandra
- Address : Chikkaluvara Village, Torenur Po, Kushalnagar Tq, Karnataka
- Age : 45 years
- Education : 3rd Std
- Size of land holding (in acre): 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Maize	2	40	48000	30000
Hort. Crop 1	Colocasia	1	65	84500	48000
Hort. Crop 2	Arecanut	0.5	18	39600	30720
Livestock 1	Dairy	1	820	22800	13900
Total				194900	122620

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/L/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Maize	2	45	54000	36000	12.5	20.0
Hort. Crop 1	Elephant foot yam	1	130	156000	111000	>100	>100
Hort. Crop 2	Arecanut	0.5	20	64000	41900	11.1	36.4
Livestock 1	Dairy	3	3750	115000	73400	357.3	428.0
Total				389000	262300		113.9

Brief: The farmer used to get annual income of Rs. 122620 from maize, colocassia, arecanut and dairy. She faced problems like low yield in maize, arecanut. With DFI interventions like Soil test based fertilizer application, INM in elephant foot yam, Arecanut and scientific Dairy management now she is getting an annual income of Rs 2,62,300/-. The number of dairy animals also increased from 1 to 3 at present.



Scientific calf rearing



Demonstration on Fodder varieties



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Harish Kumar
- Address : Basariguppe Village, Torenur Po, Kushalnagar Tq, Karnataka
- Age : 42 years
- Education : Primary
- Size of land holding (in acre) : 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	3	50	60000	24000
Hort. Crop 1	Colocasia	1	60	72000	37000
Livestock	Cow	1	1200	26400	12400
	Total			158400	73400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	1	20	24000	9000	-60.0	-62.5
Hort. Crop 1	Ginger	2	200	240000	114500	>100	>100
Livestock 1	Fodder	1	10	12000	7000	>100	>100
Livestock 2	Cow	1	1300	35100	21100	8.3	70.2
Livestock 3	Pig	1	1.5	22500	12500	8.3	8.1
	Total			333600	164100		123.6

Brief: The farmer used to get annual income of Rs. 73,400 from Maize based cropping system and dairy. He faced problems like low yield in maize, lack of knowledge on piggery etc. With DFI interventions like Soil test based fertilizer application, introduction of piggery, and fodder (DHN-6) and ginger, now he is getting an annual income of Rs. 164100/-



IPDM in Ginger



Low cost shed for piggery



- **Name of farmer** : Ponnamma w/o Ramaiah
- **Address** : Basariguppe Village, Torenur Po, Kushalnagar Tq, Karnataka
- **Age** : 55 years
- **Education** : 7th std
- **Size of land holding (in acre):** 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	2	35	42000	17000
Hort. Crop 1	Cococasia	1	65	91000	58000
Hort. Crop 2	Coffee	1	10	60000	38000
Total				193000	113000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	2.5	52	62400	30400	48.6	78.8
Hort. Crop 1	Ginger+Arecanut*	1.5	140	196000	120200	>100	>100
Hort. Crop 2	Coffee	1	12	72000	50000	20.0	31.6
Livestock 1	Pig	2	3.6	54000	36000	>100	>100
Total				384400	236600		109.3

Brief: The farmer used to get annual income of Rs. 113000 from maize, Colocasia and coffee. She faced problems like low yield in coffee, fruit dropping in arecanut etc. With DFI interventions like Soil test based fertilizer application, introduction of ginger crop and piggery enterprise now she is earning an income of Rs 2,36,600/-. Arecanut is in prebearing phase



Demonstration of INM and IPM in Maize hybrid



Low cost Yorkshire piggery unit



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Shivanna, H.K
- Address : Doddaluvara village, Kushalnagar taluk
Karnataka
- Age : 55 years
- Education : Primary
- Size of land holding (in acre) : 3.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	2	40	40000	18000
Hort. Crop 1	Chilli	0.5	10	12000	8000
Hort. Crop 2	Bitter gourd	0.5	9	13500	7500
Total				65500	33500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut (prebearing)*	1	-	-	-	-	-
Hort. Crop 2	Elephant foot yam	0.5	10	15000	8200	>100	>100
Hort. Crop 3	Chilli	0.5	15	22500	16500	50.0	106.3
Hort. Crop 4	Beans	0.5	12	14400	8400	>100	>100
Livestock 1	Cow	3	4000	108000	53000	>100	>100
Total				159900	86100		157

Brief: The farmer used to get annual income of Rs. 33,500 from Maize based cropping system with vegetables. He faced problems like low yield, incidence of pest and diseases in vegetables crops etc. With DFI interventions like introduction of intercrop in Arecanut with vegetable crops like pole bean, chilli (Arka meghana) and Elephant foot yam and diversification with animal component like dairy he is now getting annual income of Rs. 86100. The arecanut crop is in prebearing stages



Arecanut + Elephant foot yam cropping system



Introduction of pole bean



- Name of farmer : Sathish A R
- Address : Chikaluvara village, Somwarpet taluk
Karnataka
- Age : 32 years
- Education : ITI
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1	20	24000	9000
Hort. Crop 1	Elephant foot yam	0.5	40	48000	33000
Livestock	Dairy	2	1250	27500	12700
Total				99500	54700

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	1	25	30000	16000	25.0	77.8
Hort. Crop 1	Ginger	0.5	120	144000	99000	>100	>100
Hort. Crop 2	Dairy	2	1350	37800	24500	8.0	93.0
Livestock	Poultry	2	150 eggs + 6 kg chicken	2500	1700	>100	>100
Total				214300	141200		158.3

Brief: The farmer used to get annual income of Rs. 54,700 from maize, Elephant foot yam and dairy. He faced problems like low yield in maize, low price of produces and high cost of feed etc. With DFI interventions like Soil test based fertilizer application, IPDM in Ginger and introduction of Poultry and local preparation of feed mixture now he is getting annual income of Rs. 1,41,200/-



INM in Ginger



Scientific Dairy management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Shankaramma
- Address : Chikaluvara village, Kushalnagar taluk
Karnataka
- Age : 50 years
- Education : Primary
- Size of land holding (in acre) : 1.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1	18	22500	7500
Hort. Crop 1	Colocasia	0.5	40	40000	15000
Livestock 1	Dairy	2	1150	25300	15300
Total				87800	37800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	0.5	10	11000	3000	-44.4	-46.7
Hort. Crop 1	Elephant foot yam	0.5	60	54000	29000	>100	>100
Hort. Crop 2	Tapioca	0.5	45	36000	16000	>100	>100
Livestock 1	Dairy	4	2400	52800	27800	108.7	81.7
Total				153800	75800		100.5

Brief: The farmer used to get annual income of Rs. 37800 from Maize, Colocasia and Dairy. She faced problems like low yield in maize, colocasia and dairy etc. With DFI interventions like Soil test based fertilizer application, IPDM in Tuber crops and good dairy management practices, now she is getting annual income of Rs. 75,800/-



Planting of Tapioca in pit method



Tick management in Dairy cows



- Name of farmer : Nanjundappa, C
- Address : Chikaluvvara village, Kushalnagar taluk
Karnataka
- Age : 70 years
- Education : Primary
- Size of land holding (in acre) : 4.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Ragi	4	25	57500	33500
Agril. Crop 2	Horse gram (leased)	2	5	21500	12500
Livestock	Cow	1	850	17000	9200
	Total			96000	55200

2) Status in 2020

		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	3	60	90000	35000	>100	>100
Hort. Crop 1	Elephant Foot yam	0.5	80	80000	55200	>100	>100
Livestock 1	Cow	2	1850	49950	21350	117.6	132.1
Livestock 2	Poultry	5	680 eggs + 26 kg chicken	9600	7100	>100	>100
	Total			229550	118650		114.9

Brief: The farmer used to get annual income of Rs. 55,200 from Rainfed system of Ragi, horse gram and dairy. He faced problems like low yield and productivity of rainfed crops. With DFI interventions like change of cropping system and scientific management with protected irrigation facilities in crops of ginger and maize, introduction of poultry (Giriraja) as back yard poultry and good dairy farming practices, now he is getting annual income of Rs. 1,18,650/-



ICM practices in in Maize



INM in Elephant Foot Yam



- Name of farmer : Ananthkumar, S.G
- Address : Aliluguppe village, Kushalnagar taluk
Karnataka
- Age : 43 years
- Education : SSLC
- Size of land holding (in acre) : 4.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	2.5	60	66000	41000
Hort. Crop 1	Ground nut	2	20	70000	40000
Livestock	Cows	2	1800	48600	26000
	Total			184600	107000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger	1	75	150000	75000	>100	>100
Hort. Crop 2	Sweet potato	2	175	140000	112000	>100	>100
Livestock	Cows	2	1850	49950	29350	2.7	12.9
	Poultry	7	780 eggs + 30 kg chicken	12600	8800	>100	>100
	Total			352550	225150		110.4

Brief: The farmer used to get annual income of Rs. 107000 from Maize based cropping system and dairy enterprise. He faced problems like low yield and productivity in crops and regular income from in his farm. With DFI interventions like Soil test based fertilizer application, use of AMC in sweet potato and ginger, IDM practices in ginger and introduction of poultry resulted in an annual income of Rs. 2,25,150/-



INM in Sweet potato



Preparation of AMC based Jeevamrutha for ginger nutrition



- Name of farmer : Indira C
- Address : Chikaluvara village, Kushalnagar taluk
Karnataka
- Age : 40 years
- Education : PUC
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1	20	24000	11500
Hort. Crop 1	Coffee	1	10	55000	29400
Hort. Crop 2	Arecanut + Colocasia	1	80	96000	64000
Hort. Crop 3	Coconut (No.)	15	1500	22500	17500
Livestock	Cow	1	1200	26400	16400
	Total			223900	138800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger	1	150	225000	150000	>100	>100
Hort. Crop 2	Coffee	1	15	90000	62000	50.0	110.9
Hort. Crop 3	Arecanut+ Elephant foot yam	1	140	210000	157400	>100	>100
Hort. Crop 4	Coconut (No.)	15	1600	40000	32000	6.7	82.9
Livestock	Cow	2	2500	67500	42500	25.0	159.0
	Total			632500	443900		219.8

Brief: The farmer used to get annual income of Rs. 138800 from Maize, coffee, colocasia, coconut and dairy. She faced problems like low productivity in maize and colocasia, combined with price fluctuation and high feed cost for dairying. Through DFI interventions like introduction of ginger and elephant foot yam, ICM practices for both the crops and good dairy management practices and increase in number of animals, resulted in annual income of Rs. 4,43,900.



Arecanut + vegetables cropping system



INM in Robusta coffee



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Saroja C
- Address : Chikaluvvara village, Kushalnagar taluk
Karnataka
- Age :60 years
- Education : Primary
- Size of land holding (in acre) : 1 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1	15	18000	10000
Hort. Crop 1	Arecanut	20 no.	0	0	0
Hort. Crop 2	Coconut	5 no.	300	4500	3500
Total				22500	13500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger	0.5	48	57600	29000	>100	>100
Hort. Crop 2	Arecanut (Prebearing)	20 nos	0	0	-4800	0	0
Hort. Crop 3	Coconut	5 nos	350	5250	4250	16.7	21.4
Total				62850	38050		146.3

Brief: The farmer used to get annual income of Rs.13500 from Maize based cropping system. She faced problems like low yield in maize, price fluctuation and high disease incidence. With DFI interventions like Soil test based fertilizer application, INM, introduction of ginger and initiation of harvesting in coconut now she is getting annual income of Rs. 38,050/-.



Arecanut and ginger cropping system



Small farmer with small nutri garden in her one acre plot.



- Name of farmer : Ramesh
- Address : Chikaluvvara village, Kushalnagar taluk Karnataka
- Age : 50 years
- Education : MA
- Size of land holding (in acre):6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	0.5	6	7200	3500
Agril crop 2	Maize	4	80	96000	51000
Hort. Crop 1	Elephant foot yam	1	125	100000	65675
Livestock 1	Dairy	1	900	17600	8300
	Total			220800	128475

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	2	42	50400	26800	-47.5	-47.4
Hort. Crop 1	Elephant foot yam	1.5	145	116000	83400	16.0	23.7
Hort. Crop 2	Ginger	2	240	216000	126000	>100	>100
Livestock 1	Dairy	2	1260	39600	20750	40.0	150.0
	Total			422000	256950		100

Brief: The farmer used to get annual income of Rs. 128475 from Paddy, maize, elephant foot yam and dairy. He faced problems like low yield and returns in paddy, price fluctuation in maize, low yield of milk and high feed cost of feed. With DFI interventions like introduction of ginger, soil test based fertilizer application for elephant foot yam and scientific dairy management practices. Increased the number of dairy animals to 2. Now he is getting an annual income of Rs. 256950



Integrated nutrient management in Ginger



Introduction of Elephant foot yam crop



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Prakash A L
- Address : Chikaluvvara village, Somwarpet taluk
Karnataka
- Age : 52 years
- Education : Primary
- Size of land holding (in acre):1 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	0.5	10	13500	5700
Hort. Crop 1	Tapioca	0.5	30	36000	23200
Livestock 1	Dairy	1	1600	99000	11200
	Total			148500	40100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger + Arecanut (prebearing)	0.5	60	60000	35200	>100	>100
Livestock 1	Dairy	2	3500	94500	45900	118.8	309.9
	Total			154500	81100		102.2

Brief: The farmer used to get annual income of Rs. 40,100 from Maize based cropping system and dairy. He faced problems like low returns in maize, price fluctuation in tapioca, low yield of milk and high feed cost of feed. With DFI interventions like introduction of ginger as an intercrop in arecanut in addition and soil test based fertilizer application and scientific dairy practices being followed. Now he is getting an annual income of Rs.81100/-.



Basin cleaning of Arecanut young plants



Ectoparasites management in Dairy cows



- Name of farmer : Mohan H K
- Address : Doddaluvara village, Somwarpet taluk
Karnataka
- Age : 53 years
- Education : Primary
- Size of land holding (in acre): 1.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1.5	35	52500	35000
Livestock	Cow	1	1200	32400	9900
	Total			84900	44900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut + Elephant foot yam	1.5	90	108000	52400	>100	>100
Hort Crop 2	Pole Beans	0.25	12	24000	14500	>100	>100
Livestock	Cow	2	2850	76950	41950	137.5	323.7
	Total			208950	108850		142.4

Brief: The farmer used to get annual income of Rs. 44900 from rainfed maize and diary enterprise. He faced problems like low yield and price fluctuation in maize and low milk yield in cow. With DFI interventions like Arecanut crop based mixed farming system, introduction of pole beans and Soil test based fertilizer application and scientific dairy management practices resulted in annual income of Rs. 108850/-.



Arecanut + Elephant foot yam cropping system



Farmer adopted INM in Pole Beans based on KVK Advisory



- Name of farmer : Padma w/o Rama Shetty
- Address : Chikaluvara village, Somwarpet taluk
Karnataka
- Age : 48 years
- Education : Primary
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	0.5	8	9600	6100
Livestock 1	Cow	1	900	19800	11250
	Total			27000	17350

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	0.25	10	12000	7000	25	14.8
Hort. Crop 1	Colocasia	0.25	15	22500	15700	>100	>100
Livestock 1	Cow	1	1205	24800	17000	33.9	51.1
	Total			54300	39700		128.8

Brief: The farmer used to get annual income of **Rs. 17350** from Maize and dairy. She faced problems like low yield and returns in maize due to fall army worm attack, low yield of milk and high feed cost. With DFI interventions like introduction of tuber crops, INM practices in maize and scientific dairy practices. Now the farmer is getting an annual income of **Rs. 39700/-**.



Scientific calf management in Dairy



Introduction of coconut based inter-cropping system



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Veena Sudhir
- Address : Kaggodlu village, Madikeri taluk
Karnataka
- Age : 48 years
- Education : Degree
- Size of land holding (in acre) : 9 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	4	100	300000	175000
Hort. Crop 2	Black pepper (Intercrop)	1	4	120000	79000
Hort. Crop 3	Arecanut + Banana	0.5	15	52500	32500
Livestock 1	Cow	2	2400	52800	27800
Total				525300	314300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	4	120	360000	235000	20	34.3
Hort. Crop 2	Black pepper	1	6	180000	139000	50	75.9
Hort. Crop 3	Arecanut + Banana	0.5	20	70000	50000	33.3	53.8
Livestock 1	Cow	2	2500	55000	30000	4.2	7.9
Livestock 2	Poultry chicks	900 no	900 no	90000	64000	>100	>100
Livestock 3	Fishery	1	12.5	250000	158000	>100	>100
Total				1255000	676000		115.08

Brief: The farmer used to get annual income of Rs. 314300 from coffee, black pepper, and dairy. She faced problems like low yield in coffee, wilt incidence in pepper, low yield of milk and high feed cost. With DFI interventions like Soil test based fertilizer application in coffee, IPDM in Black pepper, introduction of Arecanut and banana intercropping system, nourishment and sale of one month old Giriraja birds, intensification of fishery activities and scientific dairy practices, now she is getting annual income of Rs. 676000



Composite Fish culture



Giriraja Poultry farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Mahesh kumar, T .L.
- Address :Thorenoor village, Kushalnagar taluk
Karnataka
- Age : 43 years
- Education :PUC
- Size of land holding (in acre) : 31 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Maize	20	400	480000	194400
Hort. Crop 2	Paddy	4	60	72000	36000
Hort. Crop 3	Coconut	4	15000	150000	100700
Livestock 1	Black pepper	0.5	1	30000	18000
Total				732000	349100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Maize	20	500	600000	300000	25	54.3
Agri. Crop 2	Paddy	4	50	60000	27500	-16.7	-23.6
Hort. Crop 1	Coconut	4	20000	200000	135000	33.3	34.1
Hort. Crop 2	Black pepper (Intercrop)	0.5	1.2	36000	24000	20.0	33.3
Hort. Crop 3	Banana (Intercrop)	0.5	100	500000	325000	>100	>100
Hort. Crop 4	Ginger	2	300	300000	150000	>100	>100
Livestock 1	Poultry chicks	20	900	10000	6000	>100	>100
Livestock 2	Cow	15	8000	224000	132000	>100	>100
Total				1270000	1099500		215

Brief: The farmer used to get annual income of Rs. 349100 from Maize, paddy, coconut and intercropped Blackpepper and dairy. He faced problems like low yield and returns in maize, Paddy. With DFI interventions like Soil test based fertilizer application in maize, paddy, introduction of ginger, banana crop, introduction of poultry birds and scientific dairy practices, now he is getting annual income of Rs. 1099500





- Name of farmer : Ramesh T B
- Address : Torenoor village, Kushalnagar taluk
Karnataka
- Age : 46 years
- Education : SSLC
- Size of land holding (in acre) : 6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	2	30	39000	17000
Agril. Crop 2	Maize	3	65	78000	36800
Agril. Crop 3	Ragi	1	5	12500	4500
Hort. Crop 1	Arecanut	1	25	100000	65000
Livestock 1	Cow	2	1750	38500	9900
Total				268000	133200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	2	25	32500	10500	-16.6	-38.2
Agril. Crop 2	Maize	3	55	66000	24800	-15.4	-32.6
Hort.. Crop 1	Arecanut	1	40	160000	110400	60.0	69.8
Hort. Crop 2	Ginger	2	240	240000	120000	>100	>100
Livestock 1	Cow	3	2500	55000	26400	42.9	166.7
Total				553500	292100		119.3

Brief: The farmer used to get annual income of Rs. 133200 from Rainfed Paddy, Arecanut, Maize and dairy components. He faced problems like low yield and returns in maize, paddy and arecanut crops, low yield of milk and high feed cost. With DFI interventions like Soil test based fertilizer application, introduction of ginger with borewell irrigation and scientific dairy farming practices, now he is getting annual income of Rs. 292100



Farmer with his INM plot of Maize at harvesting stage



Advisory on INM and IPM in Arecanut

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Sundar, S.M
- Address : Shirangala village, Kushalnagar taluk
Karnataka
- Age : 55 years
- Education : SSLC
- Size of land holding (in acre) : 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	1.5	10	13000	9000
Agri.. Crop 2	Maize	1.5	25	30000	12500
Livestock 1	Cow	3	1800	39600	14600
Total				82600	36100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	1	12	15600	9000	20	-
Agri.. Crop 2	Maize	1	20	24000	9000	20	-28
Hort. Crop 1	Ginger	0.5	75	75000	42000	>100	>100
Livestock 1	Cow	3	2600	57200	32200	44.4	120.5
Total				171800	92200		155.4

Brief: The farmer used to get annual income of Rs. 36100 from Maize, paddy and dairy. He faced problems like low yield and returns in maize and paddy, low yield of milk and high feed cost. With DFI interventions like Soil test based fertilizer application, introduction of ginger crop, paddy variety Tunga and scientific dairy farming practices, now he is getting annual income of Rs. 92200/-.



INM in Ginger



Scientific Dairy farming



- Name of farmer : Kenchappa T B
- Address : Thorenoor village, Kushalnagar taluk
Karnataka
- Age : 67 years
- Education : PUC
- Size of land holding (in acre) : 6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	2	40	52000	9000
Agri.. Crop 2	Maize	2	40	48000	19500
Hort. Crop 1	Arecanut	1	5	17500	8500
Livestock 1	Cow	4	2400	52800	10775
Total				170300	47775

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	48	59000	16000	20.0	77.8
Agri. Crop 2	Maize	2	50	60000	31500	25	61.5
Hort. Crop 1	Arecanut	1	7	24500	15500	40	82.4
Hort. Crop 2	Sweet potato	0.5	80	72000	37050	>100	>100
Livestock 1	Cow	5	2800	61600	29000	16.7	169.1
Total				257100	129050		170

Brief: The farmer used to get annual income of Rs. 47775 from Maize, paddy, arecanut and dairy. He faced problems like low yield in crops and returns, low yield of milk and high feed cost. With DFI interventions like Soil test based fertilizer application in Arecanut, introduction of ginger crop and scientific dairy farming practices, now he is getting annual income of Rs. 129050/-.



INM in Ginger



IPDM in Sweet potato



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Haneef M
- Address : Mythadi village, Virajpet taluk
Karnataka
- Age : 42 years
- Education :PUC
- Size of land holding (in acre) : 6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	2	20	24000	7750
Hort.. Crop 1	Coffee	3	30	180000	60000
Hort. Crop 2	Black pepper (Intercrop)	1	2	64000	49110
Livestock 1	Dairy	4	2010	60300	28200
Livestock 2	Fishery	0.5	9.2	92000	60800
	Total			420300	205860

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	25	30000	13750	25.0	77.4
	Coffee	3	55	330000	210000	83.3	250.0
Hort. Crop1	Black pepper (Intercrop)	1	3.5	112000	97110	75.0	97.7
Livestock 1	Dairy	4	2500	75000	42900	24.4	52.1
Livestock 2	Fishery	0.5	13	130000	97750	41.3	60.8
Livestock 3	Goat kids (No.)	10	10	100000	65000	>100	>100
	Total			777000	526510		155.8

Brief: The farmer used to get annual income of Rs. 205860 from paddy, coffee, black pepper and dairy. He faced problems like low yield in coffee, severe incidence of wilt in black pepper, low yield of milk and high feed cost. With DFI interventions like Soil test based fertilizer application, scientific dairy and fish farming practices and introduction of goatary, poultry and fishery, now he is getting annual income of Rs. 526510/-.



Black pepper intercropped in coffee



Boer Goat farming



- Name of farmer : Ponnappa S P
- Address : Thakeri village, Ponnampet taluk
Karnataka
- Age : 56 years
- Education : SSLC
- Size of land holding (in acre) : 20 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	2	24	28800	12550
Hort.. Crop 1	Coffee	15	170	1020000	541900
Hort. Crop 2	Black pepper	2	5	160000	115000
Total				1208800	669450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	30	36000	19750	25	57.4
Hort. Crop1	Coffee	15	230	1380000	955000	35.3	76.2
Hort. Crop 2	Black pepper (Intercrop)	2	8	256000	200400	60.0	74.3
Livestock 1	Fishery	1	14	224000	183500	>100	>100
Total				1860000	1358650		103

Brief: The farmer used to get annual income of Rs. 669450 from Paddy, Coffee and its intercropped black pepper. He faced problems like low yield in coffee, paddy, incidence of slow and quick wilt disease in pepper. DFI interventions like Soil test based fertilizer application in coffee, introduction of paddy var. Hemavathy and IPDM practices in Black pepper, introduction of fishery now he is getting annual income of Rs. 1358650/-



Transplanting in paddy



Shade regulation in coffee



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Kiran kumar M U
- Address : Kirundadu village, Virajpet taluk
Karnataka
- Age : 33 years
- Education :MBA
- Size of land holding (in acre) : 9.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	2	20	24000	8000
Hort.. Crop 1	Coffee	4	90	540000	295000
Hort. Crop 2	Black pepper	2	5	160000	117400
Hort. Crop 3	Coorg mandarin	1	2	3600	2700
Total				727600	423100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	30	36000	16000	50.0	100.0
Hort. Crop1	Coffee	4	120	720000	475000	33.3	61.0
Hort. Crop 2	Black pepper (Intercrop)	2	8	256000	200400	60.0	70.7
Hort. Crop 3	Coorg mandarin (Intercrop)	1	4.3	7740	6840	115.0	153.3
Other Enterprises	Pesticide retail shop	1			150000	>100	>100
Total				1019740	848240		100.48

Brief: The farmer used to get annual income of Rs. 423100 from Paddy, Coffee, Black pepper. He faced problems like low yield in paddy, coffee, mortality of vines in black pepper and poor growth and fruit dropping in mandarin . With DFI interventions like Soil test based fertilizer application in coffee, introduction of paddy variety Tunga and installation of pheromone traps , IPDM and INM practices in coorg mandrin, now he is getting annual income of Rs. 848240/-. He has undergone DAESI training at KVK.



Demonstration on Hemavathy Variety in paddy



Advisory on INM in Coffee



- **Name of farmer** : T.N.Kumarachari
- **Address** : S/O Lingachari, Torenuru village, Kushalanagara Taluk, Karnataka
- **Age** : 54 years
- **Education** : Primary
- **Size of land holding (in acre)** : 3.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri crops 1	Paddy	2.0	18.0	23400	12050
Agri crops 2	Cowpea	0.5	1.5	60000	39000
Livestock 1	Cow	4.0 no	875	26250	16250
Total				109650	67300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri crops 1	Paddy	1.0	16.0	28800	10800	-11.1	-10.4
Hort. Crop 1	Maize	1.0	20.0	32000	16000	>100	>100
Hort. Crop 2	Colacasia	0.5	20.0	45000	15000	>100	>100
Hort. Crop 3	Ginger	0.5	35.0	42000	22000	>100	>100
Hort. Crop 4	Arecanut	0.5	4.0	112000	47000	>100	>100
Livestock 1	Cows	6 no.	1250	40000	25000	42.9	53.8
Total				299800	135800		101

Brief: The farmer used to get annual income of Rs. 67300 from Paddy, Cowpea and dairy. He faced problems like low yield in paddy, severe rhizome rot disease in ginger. With DFI interventions like IDM in ginger, ICM in paddy and with introduction of paddy variety Tunga, now he is getting annual income of Rs. 135800/-.



IPDM in ginger



INM in Maize



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Paramesh T.G
- Address :S/O Gaddigappa, Torenuru village, Kushalanagara Taluk, Karnataka
- Age : 50 years
- Education :Primary
- Size of land holding (in acre) : 7.0 acres

1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Name	Area (Acre)/No	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri crops 1	Paddy	2.0	20.0	30000	10000
Agri crops 2	Tobacco	3.0	20.0	200000	48765
Hort. Crop 1	Ginger	1.0	15.0	225000	40000
Hort. Crop 2	Arecanut	1.0	15.0	45000	15000
Livestock 1	Cow	3.0 no	720	20160	10160
Total				520160	123925

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri crops 1	Paddy	2.0	25.0	45000	20000	25	100
Agri crops 2	Tobacco	3.0	20.0	240000	60000	0	20.0
Hort. Crop 1	Ginger	1.0	30.0	42000	22000	100	-45.0
Hort. Crop 2	Arecanut	1.0	20.0	56000	31000	33.3	106.7
Hort. Crop 3	Chilli	0.5	8.5	21250	11250	>100	>100
Hort. Crop 4	Colocasia	0.5	25.0	60000	30000	>100	>100
Nursery	Arecanut (No.)	5000 no.	4750 no.	95000	40000	>100	>100
Livestock 1	Cows	6 no.	1850	51800	33800	156.9	232.7
	Total			611050	248050		100

Brief: The farmer used to get annual income of Rs. 123925 from Paddy, Tobacco, Arecanut and ginger. He faced problems like low yield in paddy, severe rhizome rot disease in Ginger, Flower and nut dropping and cracking in arecanut, virus diseases in chilli. DFI interventions like ICM in chilli, soil test based nutrient application in Arecanut, and introduction of colocasia and increase in number of dairy animal now he is getting annual income of Rs.248050



Introduction of Maize hybrid



Advisory on Arecanut



- Name of farmer : Suresh T.M
- Address : S/O Mallappa.T.B, Torenuru village, Kushalanagara Taluk, Karnataka
- Age : 47 years
- Education :SSLC
- Size of land holding (in acre) : 6.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri crops 1	Paddy	3.0	32.0	38400	25550
Agri crops 2	Cowpea	1.5	3.0	12000	6750
Hort. Crop 1	Chilli	1.5	14.5	36250	21250
Livestock 1	Cow	6.0 no	1080	27000	17000
Total				113650	70550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri crops 1	Paddy	2.0	28.0	33600	15350	-12.5	-39.9
Hort. Crop 1	Chilli	2.0	21.50	64500	36500	48.3	71.8
Hort. Crop 2	Ginger	1.0	48.50	97000	37000	100	100
Livestock 1	Cows	3 no.	880	24640	12640	-18.5	-25.6
Other enterprises	Tobacco (on leased land)	2.5	19.0	285000	100000	>100	>100
Total				504740	201490		185.6

Brief: The farmer used to get annual income of Rs. 70550 from Paddy, chilli and dairy . He faced problems like low yield in paddy, virus diseases in chilli. With DFI interventions like integrated disease management in ginger, ICM in chilli hybrid Arka kyathi, soil test based nutrient application in Arecanut, now he is getting annual income of Rs. 201490



Paddy var. Tunga



Scientific Dairy management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Ramesh T.C
- Address :Torenuru village, Kushalanagara Taluk
Karnataka
- Age : 48 years
- Education :Primary
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	1	12	30000	9000
Hort. Crop 1	Arecanut	1	8	32000	17000
Livestock	Cow	4	2400	52800	27800
	Total			114800	53800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	1	14	36000	15000	16.7	66.7
Hort. Crop 1	Arecanut	0.75	10	35000	20000	25.0	17.6
Hort. Crop 1	Black pepper	0.25	1	30000	20000	>100	>100
Livestock 1	Goat	5	3	10000	7500	>100	>100
Livestock 2	Cow	6	3800	83600	45000	58.3	61.9
Livestock 3	Poultry	10	1500 egg + 30 kg)	16500	10500	>100	>100
	Total			185100	118000		119.2

Brief: The farmer used to get annual income of Rs. 53800 from Paddy, Arecanut and dairy. He faced problems like low yield of paddy and arecanut,. DFI interventions like integrated nutrient management in arecanut, ICM in paddy, introduction of goat and poultry now he is getting annual income of Rs118000/-



ICM in paddy



Diversification of livestock with sheep , goat and poultry



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Sarala C S
- Address : Cherandetti village, Madikeri Taluk
Karnataka
- Age : 46 years
- Education : Primary
- Size of land holding (in acre) : 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	1.5	15	18000	7000
Hort. crops 1	Coffee	2.5	20	120000	57375
Total				138000	64375

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	1.5	22	33000	15000	46.7	87.5
Hort. crops 1	Coffee	2.25	25	150000	85000	25.0	33.3
Hort. Crop 2	Black pepper(intercrop in coffee)	0.25	1	30000	21000	>100	>100
Livestock 1	Poultry	10 no.	1000 eggs + 25 kg chicken	11800	8750	>100	>100
Total				224800	129750		101.55

Brief: The farmer used to get annual income of Rs. 64375 /- from Coffee and paddy. She faced problems like low yield of coffee, Low yield and Blast disease incidence in paddy. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, rejuvenation practices in Black pepper vines and introduction of back yard poultry, Recommended Black pepper as an intercrop from 2017-18 and started yielding, from 2020 onwards now she is getting annual income of Rs. 129750/-.



INM in coffee (Robusta)



Advisory on scientific Back yard poultry rearing



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Janaki, K
- Address : Hathur village, Virajpet Taluk, Karnataka
- Age : 48 years
- Education : SSLC
- Size of land holding (in acre) : 3.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. crops 1	Coffee	2.25	26	156000	81000
Hort. Crops 2	Black pepper (intercrop in coffee)	0.25	0.4	12000	8000
Total				168000	89000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crops 1	Coffee	2.25	40	240000	160000	53.8	97.5
Hort. Crop 2	Black pepper	0.25	1.2	36000	24000	200.0	200.0
Other Enterprises	Nutri garden	0.2	500 kg	5000	3500	>100	>100
Total				281000	187500		110.7

Brief: The farmer used to get annual income of Rs. 89000/- from Coffee and intercropped black pepper. She faced problems like low yield of coffee, low productivity in paddy, Incidence of wilt disease incidence in Black pepper and high cost of cultivation. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in Black pepper, Rejuvenation practices of Black pepper vines and introduction of kitchen gardening in fallow land, now she is getting annual income of Rs. 187500/-.



Advisory on INM practices in coffee (Robusta)



A view of nutri garden



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Devaiah, C
- Address : Hathur village, Virajpet Taluk
Karnataka
- Age : 52 years
- Education : SSLC
- Size of land holding (in acre) : 5.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. crops 1	Coffee	2.25	20	120000	40000
Hort. Crops 2	Black pepper	0.25	1	30000	21100
Total				150000	61100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crops 1	Coffee	2.25	26	156000	76000	30.0	90.0
Hort. Crop 2	Black pepper (intercropping in coffee)	0.25	2.0	60000	43500	100.0	106.2
Livestock 1	Poultry	05	550 eggs + 20 kg chicken	8500	5000	>100	>100
Total				224500	124500		103.8

Brief: The farmer used to get annual income of Rs. 61100/- from Coffee, paddy and Black pepper. He faced problems like low yield of coffee, low returns in paddy, disease incidence in black pepper and its low plant population. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, Rejuvenation practices in Black pepper vines and introduction of back yard poultry, flooding is a major problem encounter in low lying paddy area, now he is getting annual income of Rs. 124500/-.



INM practices in coffee (Robusta)



Advisory on Back yard poultry rearing



- Name of farmer : Susheela, C
- Address : Hathur village, Virajpet Taluk
Karnataka
- Age : 55 years
- Education : SSLC
- Size of land holding (in acre) : 6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	3.0	36	30000	11400
Hort. crops 1	Coffee	2.5	27	162000	72000
Hort. Crops 2	Black pepper (intercrop in coffee)	0.5	1	30000	21500
Total				222000	104900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	3.0	40	48000	21100	11.1	85.1
Hort. crops 1	Coffee	2.5	42	252000	167000	55.6	131.9
Hort. Crop 2	Black pepper (intercrop in paddy)	0.5	1.8	54000	39400	80.0	83.3
Total				354000	227500		116.9

Brief: The farmer used to get annual income of Rs. 104900 /- from Coffee, paddy and Black pepper. She faced problems like low yield of coffee, low returns in paddy, disease incidence in black pepper and low plant population. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, Rejuvenation practices of Black pepper vines, now she is getting annual income of Rs. 227500 /-.



Good Pruning practices in coffee (Robusta)



Drying of coffee on drying mat



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Pavan
- Address : Halligattu village, Virajpet Taluk
Karnataka
- Age : 40 years
- Education : B.com
- Size of land holding (in acre) : 14 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	6	75	90000	24400
Hort. crops 1	Coffee	5.5	62	372000	127000
Hort. Crops 2	Black pepper(inter crop in coffee)	2	9	270000	174400
Hort. Crop 3	Arecanut(inter crop in coffee)	0.5	7	17500	10700
Hort. Crop 4	Coconut(inter crop in coffee)	20 nos	1650	24750	16150
Livestock 1	Dairy	2	1350	29700	17020
Total				803950	369670

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	3.0	60	90000	45500	-25	86.4
Hort. crops 1	Coffee	5.25	105	600000	340000	69.4	167.7
Hort. Crops 2	Black pepper(inter crop in coffee)	2	14	420000	320400	55.6	83.7
Hort. Crop 3	Arecanut (inter crop in coffee)	-	12	48000	38200	71.4	257.0
Hort. Crop 4	Coconut(inter crop in coffee)	15 no.	1200 no.	28500	19900	-27.3	23.2
Hort. Crop 5	Arecanut + Coffee*	3		72000	37000	>100	>100
Hort. Crop 6	Banana	0.25	15	120000	75000	>100	>100
Livestock 1	Dairy	2	1500	33000	20320	11.1	19.4
Total				1411500	896320		142.4

Brief: The farmer used to get annual income of Rs. 369670/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low yield and productivity in paddy, Koleroga in Arecanut & Coconut. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy and black pepper, converting 50% paddy area into commercial crops(Arecanut+ Coffee), now he is getting annual income of Rs. 896320/-



Introduction of high yielding paddy var. Hemavathy



Advisory on cropping pattern in paddy fallows



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Chinnappa P C
- Address : Athur village, Ponnampet Taluk
Karnataka
- Age :52 years
- Education : Diploma
- Size of land holding (in acre) : 30 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	3	40	48000	12000
Hort. crops 1	Coffee	15	150	900000	340400
Hort. Crops 2	Black pepper (Intercrop)	3	12	360000	240000
Hort. Crop 3	Arecanut	3	30	75000	46400
Livestock 1	Dairy	2	1300	27300	11100
Total				1410300	649900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	3	52	62400	17400	30.0	45.0
Hort. crops 1	Coffee	15	200	1200000	600000	33.3	76.3
Hort. Crops 2	Black pepper (Intercrop)	3	18	540000	410000	50.0	70.8
Hort. Crop 3	Arecanut *+ Coffee	3	45	112500	77500	50.0	67.0
Livestock 1	Dairy	3	2500	52500	29900	92.3	169.4
Livestock 2	Fishery	1	20	200000	165000	>100	>100
Total				2167400	1299800		100

Brief: The farmer used to get annual income of Rs. 649900/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low productivity and Blast disease incidence in paddy, Incidence of Koleroga in Arecanut. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy and demonstration of paddy var. Hemavathy, Rejuvenation practices in Black pepper vines and introduction of composite fish culture in farm pond, now he is getting annual income of Rs. 1299800/-.



Intercropping coffee in Arecanut garden



Demonstration of paddy var. Hemavathy



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Puttaraju, N
- Address : Mayamudi village, Ponnampet Taluk
Karnataka
- Age : 70 years
- Education : B.A
- Size of land holding (in acre) : 11 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	3	35	42000	6000
Hort. crops 1	Coffee	6	70	420000	210000
Hort. Crops 2	Black pepper	1	5	150000	108000
Hort. Crop 3	Arecanut	1	32	80000	45000
Livestock 1	Dairy	1	2100	44100	15500
Total				736100	384500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Coffee	6	100	600000	375000	42.9	78.6
Hort. crops 1	Black pepper	1	8	240000	190000	60	75.9
Hort. Crops 2	Arecanut	1	40	100000	58400	25.0	29.8
Hort. Crop 3	Arecanut + Coffee*	2	8	48000	23000	>100	>100
Livestock 1	Dairy	1	2100	44100	21500	0	43.3
Livestock 2	Fishery	1	16	240000	165000	>100	>100
Total				1272100	832900		116.9

Brief: The farmer used to get annual income of Rs. 384500/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low yield and Blast disease incidence in paddy, lack of knowledge on fishery in farm pond . DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, Rejuvenation practices of Black pepper vines and replacement of paddy with perennial cropping system(Arecanut + Coffee) and advisory on Composite fish culture in farm pond, now he is getting annual income of Rs. 8329000/-.



INM and shade regulation in coffee (Robusta) intercropped in Arecanut



The farm pond for fishery and coffee irrigation



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Ramesh S
- Address : Mayamudi village, Ponnampet Taluk
Karnataka
- Age :62 years
- Education : B.Sc
- Size of land holding (in acre) : 20 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	5	60	72000	20000
Hort. crops 1	Coffee	8	100	600000	300000
Hort. Crops 2	Black pepper(inter crop in coffee)	1	4	120000	90000
Hort. Crop 3	Arecanut (inter crop in coffee)	1	6	15000	11800
Livestock 1	Dairy	1	1200	25200	8700
Total				832200	430500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/ No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	2	30	36000	18000	-50.0	-10.0
Hort. crops 1	Coffee	8	130	780000	462000	30.0	54.0
Hort. Crops 2	Black pepper(inter crop in coffee)	1	6.5	195000	163000	62.5	81.1
Hort. Crops 3	Arecanut(inter crop in coffee)	1	8	32000	21800	100.0	84.7
Hort. Crop 4	Arecanut(4 year old) + Coffee+ Black Pepper	2	12	30000	35000	>100	>100
Livestock 1	Dairy	2	1800	37800	19800	50	127.6
Livestock 2	Fishery	1	15	225000	150000	>100	>100
Total				262800	869600		102.0

Brief: The farmer used to get annual income of Rs. 430500/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low productivity in paddy, Koleroga disease in black pepper and arecanut . DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, black pepper, Rejuvenation practices of Black pepper vines and introduction of composite fish culture in farm pond, now he is getting annual income of Rs. 869600/-.



INM practices in coffee (Robusta)



IPDM practices in Black pepper

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Chetan Muthanna B G
- Address : Balamuri – Murnad village, Madikeri Taluk
Karnataka
- Age : 40 years
- Education : Degree
- Size of land holding (in acre) : 16 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	2.5	30	36000	11500
Hort. crops 1	Coffee	8	70	420000	182500
Hort. Crop 2	Black pepper (Intercrop)	0.5	3	96000	73400
Hort. Crop 3	Coconut	20 no.	1860	48670	27900
Hort. Crop 4	Arecanut	2	2.9	44800	31600
Total				577050	326900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	2.5	40	48000	23500	33.3	104.3
Hort. crops 1	Coffee	8	85	510000	272500	21.4	49.3
Hort. Crop 2	Black pepper (Intercrop)	1	4	128000	113400	33.3	54.5
Hort. Crop 3	Coconut	20 nos	2500	62670	39900	34.4	43.0
Hort. Crop 4	Arecanut	2	2.8	64400	48200	31.0	52.5
Livestock 1	Piggery	10	75 no. piglets + 1800 kg pork	535600	295800	>100	>100
Livestock 2	Fishery	0.5	1000 kg	150000	110000	>100	>100
Livestock 3	Poultry	8	650 eggs + 18 kg chicken	7680	4890	>100	>100
Total				1506350	908190		178

Brief: The farmer used to get annual income of Rs. 326900/- from Coffee based mixed farming system. He faced problems like low yield of coffee, wilt disease incidence in black pepper, Koleroge in arecanut. DFI interventions like soil test based fertilizer application in coffee, IPDM in coconut and arecanut, application of AMC in black pepper, introduction of scientific management in fishery, piggery and poultry, now he is getting an annual income of Rs. 908190/-.



Crop regulation in coffee



Scientific Duroc piggery farming



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Suchitra Surendra
- Address : Kannangala village, Virajpet Taluk
Karnataka
- Age : 48 years
- Education : PUC
- Size of land holding (in acre) : 6.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	1	12	14400	4400
Hort. crops 1	Coffee	4.5	35	210000	110000
Hort. Crop 2	Black pepper (Intercrop)	0.5	3	96000	71000
Livestock 1	Dairy	2	1660	38200	21100
Livestock 2	Poultry	20	120 eggs + 20 kg Chicken	9100	6400
Livestock 3	Piggery	5	50 no. piglets + 2800 kg pork	310500	129500
Total				678200	342400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	1	15	18000	8000	25.0	81.8
Hort. crops 1	Coffee	4.5	40	240000	125000	14.3	13.6
Hort. Crop 2	Black pepper (Intercrop)	0.5	3.5	112000	73400	16.7	3.4
Livestock 1	Piggery	15	150 no. piglets + 2800 kg pork	787000	386000	200	198.1
Livestock 2	Poultry	15	650 eggs + 18 kg chicken	7680	4890	>100	>100
Livestock 3	Fishery	0.25 ac.	6.5	102000	88500	>100	>100
Total				1266680	685790		100

Brief: The farmer used to get annual income of Rs. 342400 from Coffee based mixed farming system and animal enterprises. She faced problems like low yield of coffee, wilt disease incidence in black pepper, high cost of feed for animals. DFI interventions like soil test based fertilizer application in coffee, and paddy, Application of AMC in black pepper, diversification of animals sector(poultry, goatary) and adoption of scientific piggery enterprise with different breeds, supply of pork to social functions and sale of piglets, introduction of fishery. Now she is getting an annual income of Rs. 685790/-.



Introduction of Back yard poultry rearing (Giriraja)



Scientific Duroc piggery farming

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Sathish Devaiah
- Address : Kottageri Village, Ponnampet Tq
Karnataka
- Age : 55 years
- Education : PUC
- Size of land holding (in acre): 15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	6	100	120000	47500
Hort. Crop 1	Coffee	6	75	450000	245000
Hort. Crop 2	Black pepper (Intercrop)	1	5	150000	112000
Hort. Crop 3	Arecanut	2	25	62500	44000
Livestock 1	Cow	1	1100	24200	14000
	Total			806700	462500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No.	Production (Q/Litre/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
Agril. Crop 1	Paddy	6	150	180000	84500	50.0	77.9
Hort. Crop 1	Coffee	6	120	720000	500000	60.0	104.1
Hort. Crop 2	Black pepper (Intercrop)	1	6	180000	135000	20.0	20.5
Hort. Crop 3	Arecanut + Coffee + Banana	2	40	140000	104500	60.0	137.5
Livestock 1	Cow	2	1200	26400	16200	9.1	15.7
Livestock 2	Fishery	1	105	157500	122500	>100	>100
	Total			1403900	962700		108.2

Brief: The farmer used to get annual income of Rs. 462500/- from Coffee and Arecanut based cropping system, paddy and dairy. He faced problems like low yield in coffee, Arecanut and paddy. Incidence of blast disease in paddy, Koleroga in Arecanut, poor growth of fish in farm pond etc. With DFI interventions like Soil test based fertilizer application in different crops, introduction of coffee and banana as an intercrops in Arecanut garden and composite fish culture, now he is getting annual income of Rs. 962700/-



Demonstration of Paddy var. Tunga



Practising Composite fish culture



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : A. M. Viswanath
- Address : Kottageri village, Ponnampet Tq
Karnataka
- Age : 45 years
- Education : B.Com
- Size of land holding (in acre): 14 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	6	100	120000	30000
Hort. Crop 1	Coffee	7	105	630000	320400
Hort. Crop 2	Black pepper (Intercrop)	1.5	7	210000	129000
Hort. Crop 3	Arecanut(Intercrop)	0.5	3	6000	4800
Livestock	Fishery	1	50	500000	350000
	Total			1466000	834200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production(Q/Litre/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
Agril. Crop 1	Paddy	3	54	81000	37500	-46.0	25.0
Hort. Crop 1	Coffee	7	120	720000	420000	14.3	27.3
Hort. Crop 2	Black pepper (Intercrop)	1.5	8	240000	155000	14.3	20.2
Hort. Crop 3	Arecanut (Intercrop)	0.5	5	10000	5900	66.7	22.9
Livestock	Fishery	3	150	1500000	1050000	200.0	200
	Total			2551000	1668400		100

Brief: The farmer used to get annual income of Rs. 834200/- from Coffee based mixed cropping system. He faced problems like low yield in coffee, low yield and productivity in paddy, incidence of wilt disease in black pepper etc. With DFI interventions like Soil test based fertilizer application, IPDM practices in paddy and black pepper, scientific management of fishery, now he is getting an annual income of Rs. 1668400/-.



Diagnostic visit for creating farm ponds



Composite fish culture in leased tank



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Naveen Somaiah, K.M
- Address : Bhadragola Village, Ponnampet Tq
Karnataka
- Age : 46 years
- Education : BA
- Size of land holding (in acre): 7.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	6.5	95	570000	308000
Hort. Crop 2	Black pepper (Intercrop)	1	3	90000	35000
Livestock 1	Dairy	3	2500	62500	41000
Total				722500	384000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	6.5	120	720000	495000	26.3	43.5
Hort. Crop 2	Black pepper (Intercrop)	1	10	300000	175000	233.3	400.0
Livestock 1	Dairy	5	4100	102500	81000	64.0	97.6
Livestock 2	Poultry	15	1950 eggs + 34 kg chicken	23000	17320	>100	>100
Total				1145500	768320		100

Brief: The farmer used to get annual income of Rs. 384000 from Coffee, Black pepper and Dairy. He faced problems like low yield in coffee and severe incidence of wilt disease in black pepper, tick infestation in cow etc. With DFI interventions like INM in coffee, INM & IPDM practices in Black pepper and advisory on introduction of back yard poultry, now he is getting an annual income of Rs. 768320/-.



Advisory on shade regulation in Coffee + black pepper inter cropping system



Advisory on IPDM practices in Black pepper



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Chandrashekar V L
- Address : Bhandragola Village, Ponnampet Tq
Karnataka
- Age : 29 years
- Education : PUC
- Size of land holding (in acre): 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	2.25	15	90000	45000
Hort. Crop 2	Black pepper (Intercrop)	0.25	0.5	15000	3800
Livestock 1	Dairy	3	1450	36250	16500
Total				141250	65300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	2.25	20	120000	75000	33.3	66.7
Hort. Crop 2	Black pepper (Intercrop)	0.25	1	30000	22000	100.0	478.9
Livestock 1	Dairy	1	2800	70000	53500	93.1	224.2
Livestock 2	Poultry	5	700 eggs + 22 kg chicken	8850	5650	>100	>100
Total				228850	156150		139

Brief: The farmer used to get annual income of Rs. 65300/- from Coffee based mixed farming system. He faced problems like low yield in coffee, Incidence of diseases in Black pepper etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and advisory on introduction of poultry, now he is getting annual income of Rs. 156150/-.



Demonstration of Soil sampling technique in coffee + Black pepper garden



Demonstration on scientific tick management and feed formulations



- Name of farmer : Raxith V S
- Address : Kaikeri Village, Ponnampet Tq
Karnataka
- Age : 32 years
- Education : B.Com
- Size of land holding (in acre): 10.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	2	20	24000	8000
Hort. Crop 1	Coffee	7	60	360000	230000
Hort. Crop 2	Black pepper (Intercrop)	1	4	120000	75000
Total				504000	313000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	2	25	30000	14000	25.0	75.0
Hort. Crop 2	Coffee	7	85	510000	380000	41.7	65.2
Hort. Crop 3	Black pepper (Intercrop)	1	6	180000	135000	50.0	80.0
Livestock 1	Poultry	50	7200 eggs + 100 kg chicken	89800	65800	>100	>100
Other enterprises	Nursery	0.5	5000 no.	60000	41200	>100	>100
Total				869800	636000		103.2

Brief: The farmer used to get annual income of Rs. 313000/- from Coffee based mixed farming system and paddy. He faced problems like low yield in coffee and poor returns from paddy, Incidence of diseases in Black pepper etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and advisory on introduction of poultry, vegetables cultivation in paddy fallows and nursery activities (ASCI trainee), now he is getting annual income of Rs. 636000/-.



Advisory on low cost feed management in Back yard poultry rearing (Giriraja)



Vegetable cultivation in paddy fallow



Training under ASCI - Nursery unit

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Krishnappa, S
- Address : Shirangala Village, Kushalnagar Tq
Karnataka
- Age : 62 years
- Education : B.Sc.
- Size of land holding (in acre): 9 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	4	40	240000	105000
Hort. Crop 1	Black pepper (Intercrop)	0.5	3	90000	55000
Hort. Crop 2	Banana	0.5	30	240000	144400
Hort. Crop 3	Ginger	2	175	490000	295000
Hort. Crop 4	Arecanut	2			-85000
	Total			1060000	514400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	4	65	416000	273000	62.5	160.0
Hort. Crop 1	Black pepper (Intercrop)	0.5	5	150000	110000	66.7	100.0
Hort. Crop 2	Banana (Intercrop)	0.5	20	240000	144400	-33.3	0.0
Hort. Crop 3	Ginger	1	120	336000	261000	-31.4	-11.5
Hort. Crop 4	Chilli	1	120	216000	180400	>100	>100
Hort. Crop 4	Arecanut + Colocasia*	1	70	126000	86000	>100	>100
	Total			1358000	1080400		110.0

Brief: The farmer used to get annual income of Rs. 514400/- from Coffee based cropping system (Coffee + Black pepper + Banana) and Ginger. He faced problems like low yield and income in the young garden of coffee, Incidence of diseases in ginger, high cost of cultivation of ginger, etc. With DFI interventions like Soil test based fertilizer application, introduction of banana as an intercrop in coffee, use of bio fertilizers (arka microbial consortium) in ginger, IPDM in Black pepper and ginger and advisory on introduction of Colocasia as an intercrop in Arecanut, now he is getting annual income of Rs. 1080400/-.



INM and IPDM practices in Ginger



Demonstration of Chilli hybrid Arka Meghana



- Name of farmer : Nachappa, K
- Address : Balele Village, Ponnampet Tq
Karnataka
- Age : 42 years
- Education : B.Sc.
- Size of land holding (in acre): 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	2	25	30000	6000
Hort. Crop 1	Coffee	2.5	30	180000	105000
Hort. Crop 2	Black pepper	0.5	3	90000	65000
Livestock 1	Dairy	2	1500	33000	20400
	Total			333000	196400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1	15	18000	6000	-40.0	0.0
Hort. Crop 1	Coffee	2.5	42	252000	180400	40.0	71.8
Hort. Crop 2	Black pepper	0.5	4.5	135000	111400	50.0	71.4
Livestock	Dairy	3	2400	52800	34300	60.0	68.1
Hort. Crop 3	Banana	1	90	108000	63000	>100	>100
	Total			565800	395100		101.2

Brief: The farmer used to get annual income of Rs. 196400/- from Coffee based mixed farming system and paddy. He faced problems like low yield in coffee and low returns from paddy, Incidence of diseases in Black pepper, etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and advisory on introduction of Nendran Banana cultivation, recycling of banana waste for composting using IIHR decomposer culture and nursery activities, now he is getting annual income of Rs. 395100/-.



INM in Nendran Banana



Advisory on Nursery activity



Composting of Banana waste



- Name of farmer : Mahesh, H.S.
- Address : Maroor Village, KushalnagarTq
Karnataka
- Age : 60 years
- Education : B.A
- Size of land holding (in acre): 10 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1	15	18000	8000
Agril. Crop 2	Maize	5	92	110400	60400
Hort. Crop 1	Coffee	2	15	90000	60000
Hort. Crop 2	Black Pepper (Intercrop)	2	3	90000	73500
Hort. Crop 3	Arecanut	2		0	-25000
Livestock 1	Dairy	3	2650	71550	33550
	Total			379950	210450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1	18	21600	11100	20.0	38.8
Agril. Crop 2	Maize	3	75	90000	55000	-18.5	-8.9
Hort. Crop 1	Coffee	2	24	144000	99000	60.0	65.0
Hort. Crop 2	Black Pepper (Intercrop)	2	6	180000	145000	100.0	97.3
Hort. Crop 3	Arecanut	2		0	-18000	-	-
Livestock 1	Dairy	4	3600	97200	52200	35.8	55.6
Agril crop 3	Chia	1	3	39000	26500	>100	>100
Hort. Crop 4	Chilli	1	75	90000	58000	>100	>100
	Total			661800	428800		103.8

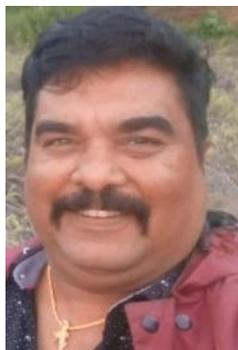
Brief: The farmer used to get annual income of Rs. 210450/- from Maize, Coffee based mixed farming system, paddy and dairy. He faced problems like low yield and returns in paddy and maize, Incidence of diseases in Black pepper, high cost of cultivation etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and introduction of chia and chilli cultivation(Arka Meghana) , now he is getting annual income of Rs. 428800/-.



Advisory on INM in Coffee + Black pepper cropping system



Advisory on IPDM in Chia crop



- Name of farmer : Ravishankar
- Address : Hudoor Village, Ponnampet Tq
Karnataka
- Age : 48 years
- Education : B.Com
- Size of land holding (in acre): 30 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	15	225	270000	45000
Hort. Crop 1	Coffee	12	150	900000	450000
Hort. Crop 2	Black pepper	3	12	360000	274400
Livestock 1	Dairy	2	1560	42120	25320
	Total			1572120	794720

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	15	240	360000	60000	6.7	33.3
Hort. Crop 1	Coffee	12	185	1184000	674000	23.3	49.8
Hort. Crop 2	Black pepper	3	18	612000	503400	50.0	83.5
Livestock 1	Dairy	3	2060	55620	33020	32.1	30.4
Livestock 2	Fishery	2 ac.	30	450000	325000	>100	>100
	Total			2211620	1595420		100.8

Brief: The farmer used to get annual income of Rs. 794720/- from Coffee based mixed farming system and paddy. He faced problems like low yield in coffee and paddy, Incidence of diseases in Black pepper, lack of knowledge on fishery activities in the farm pond etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper, Sale of paddy for seed purpose, and introduction of composite fish culture in farm pond, now he is getting annual income of Rs. 1595420/-.



Advisory on INM practices in Paddy



Harvesting of paddy var. Tunga



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Mahadeva, M B
- Address : Maroor Village, Kushalnagar Tq
Karnataka
- Age : 46 years
- Education : SSLC
- Size of land holding (in acre):9 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	3	52	62400	32400
Agril. Crop 2	Paddy	2	30	36000	16000
Hort. Crop 1	Arecanut	3		0	(-45000)
Livestock 1	Dairy	4	3000	63000	37400
	Total			215400	85800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	2	51	61200	38600	-1.9	19.1
Agri. Crop 1	Paddy	2	40	60000	35000	33.3	118.1
Hort. Crop 2	Arecanut (young plantation)+ Colocasia*	3	80	96000	61000	>100	>100
Hort. Crop 3	Cabbage	1	80	48000	15400	>100	>100
Livestock 1	Dairy	5	4200	117600	89000	40	138.0
	Total			382800	239000		178.6

Brief: The farmer used to get annual income of Rs. 85800/- from Maize, paddy and Dairy . He faced problems like low productivity in paddy and maize, no returns in the young areca nut garden. With DFI interventions like Soil test based fertilizer application, IPDM in Cabbage using neem pellets, introduction of colocasia(yielded 80 q) as an inter crop in areca garden and scientific dairy practices , now he is getting annual income of Rs. 2,39,000/-.



IPDM practices in Cabbage



Use of Neem pellet for DBM management



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Germi D'souza
- Address : Guddehosur Village, Kushalnagar Tq
Karnataka
- Age : 52 years
- Education : PUC
- Size of land holding (in acre): 12 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	7	160	192000	120000
Hort. Crop 1	Coffee	4	65	390000	240000
Hort. Crop 2	Black pepper (Intercrop)	1	6	180000	124000
Livestock 1	Dairy	3	2500	52500	29900
Total				814500	513900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	4	85	102000	58400	-46.9	-51.3
Hort. Crop 1	Ginger	2	210	630000	372000	>100	>100
Hort. Crop 2	Coffee	4	80	480000	315000	23.1	31.3
Hort. Crop 3	Black pepper (Intercrop)	1	8	240000	165000	33.3	33.1
Hort. Crop 4	Elephant foot yam	1	265	424000	324000	>100	>100
Hort. Crop 5	Arecanut + Banana*	2	160	448000	348000	>100	>100
Livestock 1	Dairy	3	2700	56700	31700	8.0	6.0
Total				2380700	1614100		214.1

Brief: The farmer used to get annual income of Rs. 513900/- from Maize, coffee, Black pepper and Dairy. He faced problems like low yield in coffee and maize, incidence of diseases in Black pepper, high cost of cultivation and returns from the main crops etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and advisory on introduction of high density planting of coffee with dwarf Robusta and cultivation of Ginger and Elephant foot yam and Arecanut and banana intercropping system with protected irrigation, now he is getting annual income of Rs. 1614100/-.



Advisory on shade regulation in coffee



Advisory on High density cropping of Coffee var. Dwarf Robusta

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Somanna
- Address : Gonimaroor Village, Somwarpet Tq
Karnataka
- Age : 45 years
- Education : PUC
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	2	22	132000	72490
Hort. Crop 1	Black pepper (Intercrop)	0.5	3	90000	64000
Hort. Crop 2	Arecanut (Inter crop)	0.25	12	30000	17400
Hort. Crop 3	Butter fruit (Intercrop)	0.25	15	60000	45000
Livestock 1	Dairy	2	1560	34320	21460
Total				346320	220350

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	2	30	180000	135000	36.4	86.2
Hort. Crop 2	Black pepper (Intercrop)	0.5	5	150000	124000	66.7	93.8
Hort. Crop 3	Arecanut(Inter crop)	0.25	15	37500	24900	25.0	43.1
Hort. Crop 4	Butter fruit (Intercrop)	0.25	20	160000	134400	33.3	198.7
Livestock 1	Dairy	2	1600	35200	22400	2.6	4.4
Total				562700	440700		100

Brief: The farmer used to get annual income of Rs. 220350 /- from Coffee based mixed farming system and Dairy . He faced problems like low yield in coffee, arecanut, Incidence of diseases in Black pepper, marketing of butter fruit etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and extended support for marketing of butter fruit through Agriwar room (UAS-B) during lock down period, now he is getting annual income of Rs. 440700/-.



Advisory on Shade regulation in coffee



Assistance for marketing of Butter fruits



- Name of farmer : Harish V.S
- Address : Devarapura Village, Somwarpet Tq
Karnataka
- Age : 36 years
- Education : SSLC
- Size of land holding (in acre): 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	2	30	180000	90950
Hort. Crop 1	Black pepper (Intercrop)	1	3	90000	65000
Hort. Crop 2	Arecanut	0.25	2	5000	3800
Livestock 1	Dairy	3	2200	48400	29800
	Total			323400	189550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	2	45	270000	187500	50.0	78.6
Hort. Crop 2	Black pepper (Intercrop)	1	5	150000	113500	66.7	74.6
Hort. Crop 3	Arecanut	0.25	5	12500	8000	150.0	110.5
Hort. Crop 4	Arecanut + Coffee*	2	8	48000	23000	>100	>100
Livestock 1	Dairy	4	2600	70200	41600	18.2	39.6
Livestock 2	Poultry	10	600 eggs + 30 kg chicken	8000	5500	>100	>100
	Total			558700	379100		100

Brief: The farmer used to get annual income of Rs. 189550/- from Coffee based mixed farming system and Dairy. He faced problems like low yield in coffee and low returns from paddy, Incidence of diseases in Black pepper, etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and advisory on introduction of cropping system(Arecanut + coffee) in fallow paddy field and back yard poultry (Giriraja), now he is getting annual income of Rs. 379100/-.



Recycling of farm waste into compost (onsite)



Demonstration on use of Arka microbial consortium



- Name of farmer : Manjunath
- Address : Chikaluvara Village, Somwarpet Tq
Karnataka
- Age : 38 years
- Education : 8th std
- Size of land holding (in acre): 2.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Maize	1	20	24000	12000
Hort. Crop 2	Colocasia	1	60	72000	36900
Livestock 1	Dairy	2	1200	26400	13600
Total				122400	62500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ginger	1	72	108000	59400	>100	>100
Hort. Crop 2	Chilli	1	50	50000	20000	>100	>100
Hort. Crop 3	Yardlong bean	0.5	28	42000	25500	>100	>100
Livestock 1	Dairy	2	1300	35100	20100	8.3	47.8
Total				235100	125000		100

Brief: The farmer used to get annual income of Rs. 62500/- from Maize, Colocasia and dairy. He faced problems like low yield in low productivity of maize, poor milk yield in cows and lack of irrigation facilities etc. With DFI interventions like introduction of chilli hybrid Arka Meghana, Yard long bean var. Arka mangala and ginger cultivation with protected irrigation facilities and advisory on good animal health management practices, now he is getting annual income of Rs. 125000/-.



Demonstration of Yard long bean var. Arka Mangala



Assistance for marketing of Yard long bean



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Nanaiah, B. C.
- Address : Cherendetti Village, Madikeri Tq
Karnataka
- Age : 36 years
- Education : 7th std
- Size of land holding (in acre): 5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	1	12	14400	6400
Hort. Crop 1	Coffee	1.75	14	84000	49000
Hort. Crop 2	Black pepper (Intercrop)	0.25	1	30000	20500
Livestock 1	Dairy	2	1200	26400	13600
Total				154800	89500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	1	16	24000	12000	33.3	87.5
Hort. Crop 2	Coffee	1.75	18	108000	68000	28.6	25.9
Hort. Crop 3	Black pepper (Intercrop)	0.25	2.5	75000	58500	150.0	185.4
Hort. Crop 4	Vegetables	2	15	22500	13300	>100	>100
Livestock 1	Dairy	2	1500	40500	27700	25.0	103.7
Total				247500	179500		100

Brief: The farmer used to get annual income of Rs. 89500/- from Coffee based mixed farming system and paddy. He faced problems like low yield in coffee and paddy, Incidence of diseases in Black pepper, low productivity in paddy etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and introduction of vegetables (mixed) for home and its sales in nearby market, now he is getting annual income of Rs. 179500/-.



Demonstration of Butter fruit Border planting



Demonstration of INM practices in vegetables

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Biddappa
- Address : Surlabbi Village, SomwarpetTq
Karnataka
- Age : 54 years
- Education : 4th std
- Size of land holding (in acre): 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	1	12	14400	6400
Hort. Crop 1	Coffee	1.5	21	123000	33000
Hort. Crop 2	Black pepper	0.5	2	60000	40000
Livestock 1	Dairy	4	2860	57200	34600
Total				254600	114000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	1	15	22500	14500	25.0	126.6
Hort. Crop 2	Coffee	1.5	26	156000	41000	26.8	24.2
Hort. Crop 3	Black pepper	0.5	3.5	119000	92470	75.0	131.2
Livestock 1	Dairy	6	3500	94500	39800	22.4	15
Livestock 2	Piggery	2	4	60000	41500	>100	>100
Livestock 3	Poultry		1200 eggs + 25 kg Chicken	26200	18000	>100	>100
Total				478200	247270		116.9

Brief: The farmer used to get annual income of Rs. 114000/- from Coffee based mixed farming system, paddy and dairy. He faced problems like low yield in coffee and paddy, Incidence of diseases in Black pepper, high cost of feed etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and introduction of piggery and poultry enterprises along with Dairy, training on low cost balanced feed preparation, now he is getting annual income of Rs. 247270/-.



Demonstration of Butter fruit Border planting



Vaccination advisory on Piggery



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Indhiravathi, S.L
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 70 years
- Education : 4th
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1.0	10	12500	7800
Hort. Crop 1	Coffee	1.75	14	95000	55250
Hort. Crop 2	Black pepper	0.25	0.5	15600	9250
Hort. Crop 3	Cardamom	0.25	0.2	10500	6300
Livestock 1	Cattle	1 no.	1250	27500	14300
Total				161100	92900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1.0	12	16200	9800	20	26
Hort. Crop 1	Coffee	1.75	15	85600	65900	7	19
Hort. Crop 2	Black pepper	0.25	1.0	30000	21500	100	132
Livestock 1	Cattle	2 no.	2600	69500	49800	108	248
Livestock 2	Pig	2 no.	327 kg	36700	34200	>100	>100
Livestock 3	Back yard poultry	10 no.	1150 eggs + 65 kg chicken	14800	11900	>100	>100
Total				252800	193100		107

Brief: The farmer used to get annual income of Rs. 92900 from Coffee, Black pepper, cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery(Yorkshire) and back yard poultry(Giriraja) etc., She is getting annual income of Rs. 193100. In addition, there is cost saving of Rs.1000 per month towards purchase of animal feed.



Advisory on INM in coffee



Advisory on scientific management of piggery/prise



- Name of farmer : Leelavathy, S.N
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 60 years
- Education : 4th
- Size of land holding (in acre): 3.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	1.0	10	12500	8000
Hort. Crop 1	Coffee	1.5	15	90000	53100
Hort. Crop 2	Black pepper	0.25	0.5	15000	9300
Hort. Crop 3	Cardamom	0.25	0.25	12500	8250
Livestock 1	Cattle	2 no.	2450	54500	28000
Total				184500	106650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop-1	Paddy	1.0	12	18000	10500	20	31
Hort. Crop 1	Coffee	1.5	18	108000	73000	20	17
Hort. Crop 2	Black pepper	0.25	1.0	30000	22000	100	137
Livestock 1	Cattle	3 no.	3900	102000	68500	59	145
Livestock 2	Pig	3 no.	475 kg	53000	32500	>100	>100
Livestock 3	Back yard poultry	5 no.	750 eggs + 30 kg chicken	8500	6800	>100	>100
Total				319500	213300		100

Brief: The farmer used to get annual income of Rs. 106650 from Coffee, Black pepper, Cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery(Duroc) and Back yard poultry(Giriraja) etc., she is getting annual income of Rs. 213300. In addition, there is cost saving of Rs. 1300 per month by adoption of organic farming practices.



Demonstration of pruning in coffee



Advisory on calf management in Dairy



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : K. Chengappa
- Address : Athur village, Ponnampet Taluk
Karnataka
- Age : 67 years
- Education : PUC
- Size of land holding (in acre): 14 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	3	30	36000	12000
Hort. Crop 1	Coffee	9	100	500000	280000
Hort. Crop 2	Black pepper (Intercrop)	1	3	95000	55600
Hort. Crop 3	Areca nut	1	15	37500	17500
Livestock 1	Cattle	2	2500	48000	22000
Total				716500	387100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	3	40	50000	35000	33	192
Hort. Crop 1	Coffee	9	125	750000	450000	25	61
Hort. Crop 2	Black pepper (Intercrop)	1	5	160000	155600	67	180
Hort. Crop 3	Areca nut	1	20	70000	52600	33	201
Livestock 1	Cattle	2	2800	76000	66000	12	200
Livestock 2	Pig	2	3 q	35000	25000	>100	>100
Total				1141000	784200		103

Brief: The farmer used to get annual income of Rs. 387100 from Coffee, Black pepper, Arecanut, Dairy and Paddy. He faced problems like low yield in coffee, arecanut, paddy and Black pepper, wilt disease in black pepper, koleroga in arecanut etc. With DFI interventions like Soil test based fertilizer application in different crops, use of AMC in Black pepper, koleroga management in arecanut, adoption of improved high yielding paddy var. Hematvahy etc., he is getting annual income of Rs. 784200



Introduction of Arka Coorg Excel Black pepper

Scientific practices in Dairy

Demonstration of paddy var. Hematvahy

Hematvahy



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Neerath M B
- Address : Kotoor village, Ponnampet Taluk
Karnataka
- Age : 42 years
- Education : PUC
- Size of land holding (in acre): 16 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	1	12	14400	4600
Hort. Crop 1	Coffee	8.5	90	540000	210500
Hort. Crop 2	Black pepper	0.5	0.5	20000	13300
Hort. Crop 3	Areca nut	2	40	100000	55000
Livestock 1	Cattle	2	2600	58000	33500
Total				732400	316900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	1	20	26000	9400	67	104
Hort. Crop 1	Coffee	8.5	130	780000	420000	44	100
Hort. Crop 2	Black pepper	0.5	1.5	45000	28600	200	115
Hort. Crop 3	Areca nut	2	60	210000	155500	50	183
Livestock 1	Cattle	3	4200	111500	78600	62	135
Livestock 2	Poultry	10	1500 eggs + 50 kg chicken	18000	11000	>100	>100
Total				1190500	703100		122

Brief: The farmer used to get annual income of Rs. 316900/- from Coffee, Black pepper, Arecanut and Paddy. He faced problems like low yield in coffee, arecanut, paddy and Black pepper, wilt disease in black pepper, koleroga in arecanut and labour problem etc. With DFI interventions like Soil test based fertilizer application in different crops, use of AMC in Black pepper, koleroga management in arecanut, introduction of paddy var. Hemavathy and poultry etc., he is getting annual income of Rs. 703100,- there is cost saving of Rs. 3000 in practice of organic practices in Black pepper through Jeevamrutha application along with Arka Microbial consortium



Bush management practices in Robusta Coffee Demonstration of paddy var. Hemavathy Feeding of DHN-6 Fodder

Effect of DFI intervention **Name of KVK: ICAR-KVK, Kodagu**



- **Name of farmer** : Chandrappa
- **Address** : HuluseVillage, Kanive post, Kushalnagar taluk, Karnataka
- **Age** : 58 years
- **Education** : 7th std
- **Size of land holding (in acre):** 5.5 acres

1) Before

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Maize	0.75	7.5	45000	30000
Hort. Crop 2	Sweet potato	2.0	185	203500	128500
Livestock 1	Dairy	1	950	23550	13850
Total				272050	172650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Ragi	0.75	10	60000	41400	33.3	38.0
Hort. Crop 2	Ginger	2	240	360000	215000	>100	>100
Hort. Crop3	Elephant foot yam	0.5	75	90000	65000	>100	>100
Livestock 1	Dairy	1	1600	44800	19600	68.4	41.5
Livestock 2	Paddy	2	25	75000	46000	>100	>100
Livestock 3	Poultry	5	680 eggs + 12 kg chicken	8600	6500	>100	>100
Total				638400	393500		127.9

Brief: The farmer used to get annual income of Rs. 1,72,650/- from paddy, vegetables and Dairy. He faced problems low productivity of maize, high cost of cultivation and marketing of vegetables etc. With DFI interventions like INM and IPDM in Ginger, scientific tick management in Dairy animals and introduction of piggery and poultry as part of diversification of animal enterprises and introduction of black rice cultivation under organic farming practices, now he is getting an annual income of Rs. 3,93,500/-



Introduction of paddy (Black rice)



Harvesting stage of the paddy crop

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Punith A R
- Address : Chikaluvara village, Kushalnagar taluk
Karnataka
- Age : 26 years
- Education : SSLC
- 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/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Maize	1	20	24000	9000
Hort. Crop 1	Colocasia	0.5	40	56000	37000
Hort. Crop 2	Cow	2	2400	52800	22800
Total				132800	68800

2) Status in 2021

Component Description		Period 2020-21				% increase over base year	
Component	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Maize	1	25	30000	16000	25.0	77.8
Hort. Crop 1	Elephant foot yam	0.5	55	66000	36000	>100	>100
Hort. Crop 2	Ginger	0.5	60	72000	37000	>100	>100
Livestock 1	Cow	3	2800	78400	33400	16.6	46.5
Livestock 2	Poultry	10	1320 eggs + 23 kg chicken	23600	15500	>100	>100
Total				270000	137900		99.2

Brief: The farmer used to get annual income of Rs. 68800 from maize, colocasia and dairy. He faced problems like low yield in maize and productivity, wilt disease in colocasia, low milk yield in cow etc. With DFI interventions like Soil test based fertilizer application, introduction of hybrid in maize, IPDM in ginger and introduction of Elephant foot yam, increase in number of dairy animals, now he is getting annual income of Rs. 137900/-. Family member involvement in farming helps in attaining better net income of the farm.



Demonstration of INM in hybrid maize



Scientific calf management in dairy

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Dhanu, D.C
- Address : Yadur village, Somvarpet taluk
Karnataka
- Age : 33 years
- Education : BA
- Size of land holding (in acre) : 3.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	1	7	8400	4400
Hort.. Crop 1	Coffee	2	12	72000	22000
Hort. Crop 2	Black pepper (Intercrop)	0.25	0.75	22500	14500
Hort. Crops 2	Banana (Intercrop)	0.25	2.2	3960	3060
Total				106860	43960

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	9	15300	7300	28.6	65.9
Hort. Crop1	Coffee	2	16	96000	40400	33.3	83.6
Hort. Crop 2	Black pepper (Intercrop)	0.25	1.1	35200	23200	46.7	60.0
Hort. Crop 3	Banana (Intercrop)	0.25	4.3	7740	6840	95.5	123.5
Livestock 1	Dairy	2	1150	25300	15300	>100	>100
Total				179540	93040		111.6

Brief: The farmer used to get annual income of Rs. 43960/- from Paddy, Coffee and intercropped black pepper, banana in coffee based cropping system. He faced problems like low yield in coffee, unemployment, poor productivity in paddy, incidence of slow and quick wilt disease in pepper. DFI interventions like Soil test based fertilizer application in coffee, introduction of paddy var. Hemavathy and IPDM practices in Black pepper, now he is getting annual income of Rs. 93,040/-.



IPDM in paddy



Demonstration on Pruning in coffee



Effect of DFI intervention Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Uthappa, S
- Address : Hathur village, Virajpet Taluk
Karnataka
- Age : 47 years
- Education : B.Sc
- Size of land holding (in acre) : 8.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Fallow	3.0	-	-	-
Hort. crops 1	Coffee	4.5	65	390000	216250
Hort. Crops 2	Black pepper (intercrop in coffee)	0.5	6.0 q	180000	128000
Hort. Crops 3	Arecanut (intercrop in coffee)	0.5	5 q	12500	7900
Total				582500	352150

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Fallow	3.0	-	-	-	-	-
Hort. crops 1	Coffee	4.5	80	480000	310000	23.1	37.8
Hort. Crop 2	Black pepper (intercrop in coffee)	0.5	8	240000	192000	33.3	50.0
Hort. Crops 3	Arecanut (intercrop in coffee)	0.5	8	20000	14400	60.0	82.3
Livestock 1	Poultry	500 no.	840 kg	192000	161000	>100	>100
Livestock 2	Dairy	3	1700	38300	26900	>100	>100
Total				970300	704300		100

Brief: The farmer used to get annual income of Rs. 352150/- from Coffee, Black pepper and Arecanut. intercropping system He faced problems like low yield of coffee, low productivity in paddy, incidence of wilt in Black pepper and unemployment. DFI interventions like soil test based fertilizer application in coffee, IPDM practices in Black pepper, Rejuvenation practices of Black pepper vines and introduction of Giriraja poultry, and its direct marketing, still scope for development of paddy fallow take up for fishery or some other alternative crops, now he is getting annual income of Rs. 7,04,300/-.



Advisory on soil and water conservation in coffee (Robusta) rearing



Advisory on scientific Back yard poultry rearing



- **Name of farmer** : Muthappa, J
- **Address** : Kaikeri village, Virajpet Taluk
Karnataka
- **Age** : 47 years
- **Education** : PUC
- **Size of land holding (in acre)** :26 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	3	36	43200	12200
Hort. crops 1	Coffee	17	150	900000	300000
Hort. Crops 2	Black pepper (inter crop in coffee)	2	7	210000	135000
Hort. Crop 3	Arecanut (inter crop in coffee)	1	30	75000	46100
Hort. Crop 4	Coconut (inter crop in coffee)	20 no.	1800	27000	15000
Livestock 1	Dairy	2	1600	35200	19600
Total				1290400	527900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crops 1	Arecanut + Coffee*	3	15	90000	45000	-	-
Hort. Crops 2	Coffee	17	180	1080000	480000	20.0	60.0
Hort. Crop 3	Black pepper (inter crop in coffee)	2	13	390000	294000	85.7	117.8
Hort. Crop 4	Arecanut (inter crop in coffee)	1	45	112500	76000	50.0	64.9
Hort. Crop 5	Coconut (inter crop in coffee)	20 no.	1600 no.	37500	22500	38.9	50.0
Livestock 1	Dairy	3	2800	61600	33000	75.0	68.4
Livestock 2	Pig	10	15	225000	125000	>100	>100
Total				1906600	1075500		103.7

Brief: The farmer used to get annual income of Rs. 5,27,900/- from Coffee based mixed farming system and paddy. He faced problems like low yield of coffee, low productivity in paddy, Incidence of quick wilt disease in black pepper and high cost of inputs. DFI interventions like soil test based fertilizer application in coffee, Application of Jeevamrutha and Arka Microbial consortium practices in Black pepper and Arecanut, Changing of cropping pattern (Arecanut + Coffee) in paddy area and good dairy practices, introduction of piggery enterprise and part of farmer producer organization , now he is getting annual income of Rs. 10,75,500/-.



Advisory on nutrition of coffee



Demonstration on Enrichment of Jeevamrutha with AMC and its application in Black pepper

Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu



- Name of farmer : Chengappa, S
- Address : Kunda village, Virajpet Taluk
Karnataka
- Age : 36 years
- Education : M.Sc.
- Size of land holding (in acre) : 11 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	2	15	18000	7000
Hort. crops 1	Coffee	7	45	270000	70000
Hort. Crops 2	Black pepper(inter)	1	4	120000	88000
Hort. Crop 3	Arecanut(inter crop)	0.5	15	37500	24500
Livestock 1	Dairy	3 no.	1500	45000	25800
Other enterprises	Value addition (Garcinia)	-	2 q	18000	12100
Total				508500	227400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	2	18	27000	11000	20.0	57.1
Hort. crops 1	Coffee	7	60	360000	125000	33.3	78.6
Hort. Crops 2	Black pepper(inter crop in coffee)	1	8	240000	144000	100.0	63.6
Hort. Crop 3	Arecanut + Coffee	0.5	20	70000	55600	33.3	126.9
Livestock 1	Dairy	5 no.	2100	63000	42650	40.0	65.3
Livestock 2	Fishery	1	7	124000	83500	>100	>100
Other enterprises	Value addition(Garcinia)		2.5 q	30000	22500	25.0	86.0
				887000	484250		113

Brief: The farmer used to get annual income of Rs. 2,27,400/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low yield, productivity in paddy and Blast disease incidence in paddy, unemployment, Incidence of wilt disease and lack of knowledge on value addition of locally grown fruits . DFI interventions like soil test based fertilizer application in coffee, IPDM practices in paddy, Rejuvenation practices of Black pepper vines and value addition of fruits, like Garcinia into dry and concentrate and its direct marketing . Arecanut sold as processed nuts, now he is getting annual income of Rs. 4,84,250-



INM in Paddy var. KHP- 10



Black pepper Intercropping system in coffee



- **Name of farmer** : Devanand, M
- **Address** : Mayamudi village, Ponnampet Taluk
Karnataka
- **Age** : 48 years
- **Education** : BE
- **Size of land holding (in acre)** : 13 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. crops 1	Coffee	11	110	616000	284325
Hort. Crops 2	Black pepper (Intercrop)	2	9	256000	132000
	Total			872000	416325

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crops 1	Coffee	11	145	870000	475000	31.8	58.3
Hort. Crops 2	Black pepper (Intercrop)	2	15	450000	335000	66.7	103.0
Livestock 1	Dairy	3 no.	1400	43000	22650	>100	>100
	Total			1363000	832650		100

Brief: The farmer used to get annual income of Rs. 416325 /- from Coffee and intercropped black pepper (Rainfed system). He faced problems like low yield and productivity in coffee, severe wilt disease in black pepper and poor growth and development of coffee plants (rainfed system) and inability to attend to timely works, as he was employed. DFI interventions like soil test based fertilizer application in coffee, INM & IPDM practices in Black pepper, Rejuvenation practices of Black pepper vines and introduction of protected irrigation through borewell (sprinkler irrigation for coffee & hose irrigation in black pepper) introduction of dairy mainly organic practices, now he is getting annual income of Rs. 8,32,650/-



Shade regulation in coffee (Robusta)



Sprinkler irrigation in coffee



- **Name of farmer** : Subbaiah, C.A
- **Address** : Mayamudi village, Ponnampet Taluk
Karnataka
- **Age** :36 years
- **Education** : M.Sc
- **Size of land holding (in acre)** : 30 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	10	120	144000	24000
Hort. crops 1	Coffee	16	200	1200000	500000
Hort. Crops 2	Black pepper (inter crop in coffee)	3	12	360000	248000
Hort. Crop 3	Arecanut (inter crop in coffee)	1	40	100000	72000
Livestock 1	Dairy	2	2600	54600	32400
Total				1858600	876400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	5	75	90000	30000	-37.5	25.0
Hort. crops 1	Coffee	16	265	1590000	840000	32.5	68
Hort. Crops 2	Black pepper (inter crop in coffee)	3	18	540000	415000	50.0	67.3
Hort. Crop 3	Arecanut (inter crop in coffee)	1	50	125000	82000	25.0	13.9
Hort. Crop 3	Arecanut + Coffee* + pepper	5	35	210000	145000	>100	>100
Livestock 1	Dairy	3	3800	79800	49800	46.2	53.7
Other enterprises	orchids nursery	1200 sq. ft.	1500	350000	245000	>100	>100
Total				2894800	1806800		106.2

Brief: The farmer used to get annual income of Rs. 8,76,400/- from Coffee based mixed cropping system and paddy. He faced problems like low yield of coffee, Low productivity in paddy, arecanut, severe incidence of wilt disease in black pepper and unemployment. DFI interventions like soil test based fertilizer application, IPDM practices in paddy, black pepper and arecanut. Rejuvenation practices of Black pepper vines, good dairy management practices and introduction of orchids nursery as an additional enterprises, now he is getting annual income of Rs. 1806800/-.



The farmer in his orchid nursery unit



Advisory on Scientific dairy farming practices



- Name of farmer : Reshma T K
- Address : Cherandetti village, Madikeri Taluk
Karnataka
- Age : 32 years
- Education : PUC
- Size of land holding (in acre) : 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	1	12	14400	4400
Hort. crops 1	Coffee	2.5	32	192000	100000
Hort. Crop 2	Black pepper	0.5	0.6	18000	6000
Livestock 1	Dairy	2	1555	39100	20800
Total				263500	131200

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Component s	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	1.5	16	19200	9200	33.3	109.1
Hort. crops 1	Coffee	2	38	228000	146400	18.8	25.1
Hort. Crop 2	Black pepper	0.5	1.5	48000	36000	150.0	500.0
Livestock 1	Dairy	2	1860	48670	27900	19.6	27.5
Livestock 2	Piggery	2	2.9	44800	31600	>100	>100
Livestock 3	Poultry	20	1300 eggs + 40 kg chicken	16850	12100	>100	>100
Total				405520	263200		99.1

Brief: The farmer used to get annual income of Rs. 1,31,200/- from Coffee based mixed farming system and dairy. She faced problems like low yield of coffee and paddy, wilt disease incidence in black pepper. DFI interventions like soil test based fertilizer application in coffee, application of AMC in black pepper, introduction of piggery and poultry components as complimentary enterprises and their scientific management practices, now she is getting annual income of Rs. 2,63,200/-



Demonstration of Pruning in coffee



Advisory on Scientific Back yard poultry rearing



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Madappa, T
- Address : Cherandetti- Singathur village, Madikeri Taluk Karnataka
- Age : 55 years
- Education : 8th
- Size of land holding (in acre) : 8 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crops 1	Paddy	3	38	45600	21100
Hort. crops 1	Coffee	4.5	41	246000	120500
Hort. Crop 2	Black pepper (Intercrop)	0.5	1.5	48000	26400
Hort. Crop 3	Coorg Mandarin (Intercrop)		2.9	44800	28600
Total				384400	196600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crops 1	Paddy	3	48	72000	47500	26.3	125.1
Hort. crops 1	Coffee	4	54	340200	253700	31.7	59.1
Hort. Crop 2	Black pepper (Intercrop)	0.5	2.1	73500	58900	40.0	123.1
Hort. Crop 3	Coorg Mandarin (Intercrop)	0.25	2.5	35000	31600	-13.8	-
Hort. Crop 4	Cardamom (Intercrop)	0.25	1.86	48670	35070	>100	>100
Livestock 1	Poultry	5	650 eggs + 18 kg chicken	7680	4890	>100	>100
Total				577050	431860		119.6

Brief: The farmer used to get annual income of Rs. 1,96,600/- from Coffee based cropping farming system. He faced problems like low yield of coffee, wilt disease incidence in black pepper, blast disease incidence in paddy and poor fruit size in oranges. DFI interventions like soil test based fertilizer application in coffee, Application of AMC in black pepper, Foliar spray of citrus special in mandarin, and introduction of backyard backyard poultry, now he is getting annual income of Rs. 431860/-



Demonstration of paddy var. hemavathy

Vegetable cultivation in the summer paddy



Effect of DFI intervention Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : Ravi
- **Address** : Bittangala Village, Virajpet Tq, Karnataka
- **Age** : 51 years
- **Education** : PUC
- **Size of land holding (in acre):** 7.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	6.5	95	570000	317160
Hort. Crop 2	Black pepper (Intercrop)	1	3	90000	32000
Livestock 1	Dairy	3	2500	62500	35000
Total				722500	384160

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	6.5	120	720000	495000	26.3	56.1
Hort. Crop 2	Black pepper (Intercrop)	1	10	300000	175000	233.3	446.9
Livestock 1	Dairy	5	4100	102500	81000	64.0	97.6
Livestock 2	Poultry	15	1950 eggs + 34 kg chicken	23000	17320	>100	>100
Total				1145500	768320		100

Brief: The farmer used to get annual income of Rs. 384160/- from Coffee based mixed farming system and paddy. He faced problems like low yield in coffee and severe incidence of wilt disease in black pepper, tick infestation in cows and high cost of cultivation etc. With DFI interventions like INM in coffee, INM & IPDM practices in Black pepper and paddy, advisory on introduction of back yard poultry, now he is getting an annual income of Rs. 768320/-. His organic farming practices and involvement of all family members reduced the cost of cultivation and net income.



Preparation of Jeevamrutha



Healthy crop of Paddy var. Tunga



- Name of farmer : Sadashiva , H, S
- Address : Hebbale Village, Kushalnagar Tq
Karnataka
- Age : 48 years
- Education : PUC
- Size of land holding (in acre): 3.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	3	50	60000	32050
Hort. Crop 1	Brinjal	0.5	40	60000	32560
Hort. Crop 2	chilli	0.5	42	63000	29250
Hort. Crop 3	Bhendi	0.5	25	37500	20920
Livestock 1	Dairy	2	2200	48400	16445
	Total			268900	131225

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	3	75	90000	55000	50.0	83.3
Hort. Crop 1	Brinjal	0.5	55	82500	54500	37.5	36.3
Hort. Crop 2	Chilli	0.5	65	117000	87000	54.8	102.3
Hort. Crop 3	Bhendi	0.5	32	57600	42600	28.0	71.1
Livestock 1	Dairy	3	3450	75900	50900	56.8	209.5
	Total			423000	290000		121.0

Brief: The farmer used to get annual income of Rs. 131225/- from Paddy based farming system and Dairy. He faced problems like low yield and Incidence of blast disease in paddy, severe incidence of disease and pests infestation in vegetables etc. With DFI interventions like Soil test based fertilizer application and introduction of paddy variety Tunga in command area of Harangi(irrigated), ICM practices in vegetables (Chilli) and introduction of new hybrids like Arka meghana, now he is getting annual income of Rs. 290000/-.



FFS in Paddy var. Tunga



Demonstration of Chilli hybrid Arka Meghana



Effect of DFI intervention Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Nanaiah, K
- Address : Hathur Village, Ponnampet Tq
Karnataka
- Age : 46years
- Education : B.Sc.
- Size of land holding (in acre): 11 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop 1	Paddy	3	40	48000	14000
Hort. Crop 1	Coffee	7	105	630000	335200
Hort. Crop 2	Black pepper (Intercrop)	1	6	180000	107400
Livestock 1	Dairy	3	2500	55000	29400
	Total			913000	486000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop 1	Paddy	2	35	42000	16400	-12.5	17.1
Hort. Crop 1	Coffee	7	122	732000	477000	16.2	23.9
Hort. Crop 2	Black pepper (Intercrop)	1	12	360000	285000	100.0	165.4
Livestock 1	Dairy	4	3650	98550	60550	46.0	106.0
Livestock 2	Piggery	3	4.5	45000	29450	>100	>100
Livestock 3	Fishery	1	20	200000	145000	>100	>100
	Total			1477550	1013400		108.5

BRIEF: The farmer used to get annual income of Rs. 4,86,000/- from coffee based mixed farming system and paddy. He faced problems like low yield in coffee, poor productivity in paddy, incidence of diseases in Black pepper, etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and introduction of fishery (composite fish culture and piggery (Duroc) enterprises through farm field school, high yielding and blast resistant paddy var. Tunga, now he is getting annual income of Rs. 1013400/-.



Demonstration on reducing piglet mortality



Demonstration of HYV paddy var. Tunga



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Kuttappa, T.S
- Address : Hudikeri Village, Ponnampet Tq
Karnataka
- Age : 30 years
- Education : B.Com
- Size of land holding (in acre): 12 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	2	24	28800	11300
Hort. Crop 1	Coffee	6.5	80	480000	212500
Hort. Crop 2	Black pepper	1.5	6	180000	112050
Hort. Crop 3	Arecanut	2	21	52500	34500
Livestock 1	Dairy	2	1200	24000	9800
	Total			765300	380150

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	2	30	45000	25000	25.0	121.2
Hort. Crop 1	Coffee	6.5	108	648000	388000	35.0	61.7
Hort. Crop 2	Black pepper	1.5	6	204000	159000	0.0	12.7
Hort. Crop 3	Arecanut	2	35	140000	105000	66.7	204.3
Livestock 1	Dairy	4	1500	40500	19000	25.0	93.9
Livestock 2	Poultry	500	875	140000	80000	>100	>100
	Total			1217500	776000		104.1

Brief: The farmer used to get annual income of Rs. 3,80,150/- from Coffee based mixed farming system, and paddy. He faced problems like low yield in coffee and paddy, Incidence of diseases in Black pepper and black pepper, unemployment etc. With DFI interventions like Soil test based fertilizer application, IPDM in Black pepper and arecanut and introduction of poultry enterprises(broiler) in batch system(5 batch per year of 100 each time), training on low cost balanced feed preparation, now he is getting annual income of Rs. 776000/-.



Advisory on Shade regulation in Coffee



Vaccination advisory on poultry

Effect of DFI intervention

Name of KVK: **ICAR-KVK, Kodagu**



- Name of farmer : **Medappa S L**
- Address : **Shivaralli village, Somwarpet taluk
Karnataka**
- Age : **50 years**
- Education : **BA**
- Size of land holding (in acre): **5 acres**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee(Arabica)	3	20	480000	295000
Hort. Crop 2	Black pepper(Intercrop in coffee)	1	4	120000	74500
Hort. Crop 3	Arecanut(Intercrop in coffee)	1	70	175000	85400
Total				775000	454900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coffee	3	25	600000	450000	25	52
Hort. Crop 2	Black pepper(Intercrop in coffee)	1	6	180000	120000	50	71
Hort. Crop 3	Arecanut(Intercrop in coffee)	2	100	350000	275000	43	120
Hort. Crop 4	Cardamom(Intercrop in Arecanut)	1	1.2	144000	94000	>100	>100
Total				1424000	939000		106.4

Brief: The farmer used to get annual income of Rs. 4,54,900/- from Coffee,(Arabica) Black pepper, grown as an inter crop and Arecanut.. He faced problems like low yield and productivity in coffee, wilt disease in black pepper, low yield in arecanut etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper, introduction of natural farming practices I, Cardamom and black pepper as an intercrop in Arecanut, introduction of butter fruit as a border crop, now he is getting annual income of Rs. 9,39,000/-.



Harvesting of ripe fruits in Cardamom



Coffee+ pepper + Arecanut + Cardamom inter cropping system



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Caryappa, B. S
- Address : Cherandetti village, Madikeri taluk
Karnataka
- Age : 48 years
- Education : 4th
- Size of land holding (in acre): 3.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agril. Crop	Paddy	1.0	10	12500	6200
Hort. Crop 1	Coffee	1.5	15	90000	52500
Hort. Crop 2	Black pepper	0.25	0.5	15000	6300
Hort. Crop 3	Cardamom	0.25	0.25	12500	8250
Livestock 1	Cattle	2 no.	2450	54500	18250
Total				184500	91500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agril. Crop1	Paddy	1.0	12	18000	10500	20	31
Hort. Crop 1	Coffee	1.5	18	108000	73000	20	17
Hort. Crop 2	Black pepper	0.25	1.0	30000	22000	100	137
Livestock 1	Yard long bean	1.0	185	102000	68500	59	145
Livestock 2	Ridge gourd	1.0.	158	53000	32500	>100	>100
Livestock 3	Back yard poultry	5 no.	750 eggs + 30 kg chicken	8500	6800	>100	>100
Total				319500	213300		133.1

Brief: The farmer used to get annual income of Rs. 91,500/- from Coffee, Black pepper, Cardamom and paddy. She faced problems like low yield in coffee, wilt disease in black pepper, low productivity in paddy and cardamom etc. With DFI interventions like Soil test based fertilizer application, use of AMC with Jeevamrutha application in Black pepper and introduction of piggery(Duroc) and Back yard poultry(Giriraja) etc., she is getting annual income of Rs. 213300. In addition, there is cost saving of Rs. 1300 per month by adoption of organic farming practices.



Demonstration of yard long bean var. Arka mangala



Demonstration of Ridge gourd var. Arka vikarm



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : **Bheemiah, M K**
- **Address** : **Ponnampet, Ponnampet taluk
Karnataka**
- **Age** : **62 years**
- **Education** : **B.Sc.**
- **Size of land holding (in acre):** **10 acres**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coffee	6.0	84	520800	285800
Hort. Crop 2	Black pepper	2.0	12.5	375000	215600
Hort. Crop 2	Arecanut	1.0	15.0	33000	17400
Livestock 1	Dairy	4 no.	5200	156000	108500
Other enterprises	Nursery	1.2	36000	324000	126650
Total				140880	753950

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Component s	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coffee	6.0	120	720000	480000	42.8	42.9
Hort. Crop 2	Black pepper	2.0	14.5	435000	299000	16.0	30.0
Hort. Crop 3	Arecanut	1.0	20.5	71750	49150	36.7	182.5
Hort. Crop 3	Cardamom	1.0	2.85	285600	98650	100	100
Livestock 1	Dairy	4 no.	6200	176000	118000	19.2	8.8
Livestock 2	Fishery	0.75	35	350000	275600	>100	>100
Other enterprises	Nursery	1.2	48000	480000	295000	33.3	48.2
Total				2518350	1615400		114.2

Brief: The farmer used to get annual income of **Rs.7,53,950/-** from coffee, Black pepper, Arecanut, Dairy and Nursery etc. He faced problems like wilt disease incidence in black pepper, poor productivity in coffee, non utilization of farm pond, lack of knowledge on composite fish culture, unable to market of plants from his nursery. DFI interventions like Soil test based fertilizer application in coffee, introduction of composite fish culture, introduction of integrated farming system modile, linking of farmer to producer organization and cardamom on farm bunds, now he is getting annual net income of **Rs. 16,15,400 /-**.



Nursery unit of plantation crops and fruits



Farmer giving advisory to other farmers



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Nirmala M U
- Address : T Shettigeri village, Ponnampet taluk Karnataka
- Age : 39 years
- Education : BA
- Size of land holding (in acre) : 3.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop 1	Paddy	1	5	6000	2000
Hort.. Crop 1	Coffee	2.5	20	120000	71250
Hort. Crop 2	Black pepper	100	0.7	21000	13520
Hort.. Crop 3	Arecanut	60	6	15000	8200
Hort. Crop4	Coconut	5	500	5000	4120
Livestock 1	Piggery	2	1.6	16500	9100
	Total			167000	108190

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri. Crop 1	Paddy	1	8	9600	5600	60.0	180.0
Hort. Crop1	Coffee	2.5	32	192000	152000	60.0	90.0
Hort. Crop 2	Black pepper (no.)	100	0.4	12000	7000	-42.9	-56.3
Hort. Crop 3	Arecanut (no.)	60	10	40000	27400	66.7	204.4
Hort. Crop 4	Coconut (no.)	5	480	5760	4760	-4.0	15.5
Livestock 1	Mushroom	-	3.0	12600	8600	>100	>100
Livestock 2	Piggery	3	2.5	28600	13600	56.3	49.5
	Total			300560	218960		102.4

Brief: The farmer used to get annual income of Rs. 1,08,190/- from paddy, coffee and its intercropped black pepper, coconut and arecanut. mixed cropping system. She faced problems like low yield and returns in coffee, low productivity in Paddy and piglet anemia. With DFI interventions like Soil test based fertilizer application in coffee, arecanut, coconut, IPDM in pepper, introduction of high yielding and blast resistant paddy var. Tunga and introduction of piggery scientific practices and oyster mushroom cultivation. Now she is getting annual income of Rs. 2,18,960/-



Oyster mushroom cultivation as an additional enterprise



Demonstration of Paddy var. Tunga



Effect of DFI intervention Name of KVK: ICAR-KVK, Kodagu

- **Name of farmer** : **Rajeev, K L**
- **Address** : **Bengoor village, Cherambane post, Madikeri taluk Karnataka**
- **Age** : **34**
- **Education** : **B.A**
- **Size of land holding (in acre):** **8.2 acres**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	1.0	12.5	15000	5400
Field crop 2	Coffee	6.0	61.8	370800	186000
Hort. Crop 1	Black pepper	1.0	4.8	144000	85200
Livestock 1	Dairy	3 no.	3750	85000	42000
Livestock 2	Backyard Poultry (Desi)	10 no.	400 eggs + 25kg	8200	7200
Total				623000	325800

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Component s	Names	Area (Acre)/ No.	Productio n (Q/Litre/No. o.)	Gross Income (Rs.)	Net Incom e (Rs.)	Productio n	Income
Field crop 1	Paddy	1.0	16.5	24750	10950	32.0	102.8
Hort. Crop 1	Coffee	6.0	70.8	424800	262200	14.6	34.5
Hort. Crop 2	Black pepper	1.0	6.0	192000	113200	25.0	32.9
Hort. Crop 3	Yard long bean	0.25	8.5	25500	16200	>100	>100
Livestock 1	Dairy	4 no.	5520	158000	90000	47.2	114.3
Livestock 2	Piggery	2 no.	20 piglet	100000	56500	>100	>100
Livestock 3	Backyard Poultry (Giriraja)	20 no.	3000 eggs + 90kg	31000	26000		217
Livestock 4	Fishery	0.2	15	150000	75000	>100	>100
Other enterprises	Bee keeping	20	0.6	30000	19350	>100	>100
Total				1136050	669400		105.5

Brief: The farmer used to get annual income of **Rs. 325800/-** from paddy, coffee, Black pepper grown as an inter crop in coffee, Dairy, etc. He faced problems like low yield in coffee and poor yield and productivity in paddy and lack of knowledge and confidence in taking up bee keeping as an subsidiary income generating activity, vegetable cultivation in summer after the paddy crop. With DFI interventions like Soil test based fertilizer application in coffee, introduction of yard long bean var. Arka Mangala, Bee keeping and Fishery(Tilapia), now he is getting annual income of **Rs.6,69,400/-**.



High yielding paddy variety Hemavathy



Farmer with Yard Long Bean variety Arka Mangala



Effect of DFI intervention

Name of KVK: ICAR-KVK, Kodagu

- Name of farmer : Nachappa C T
- Address : Badaga Banangala village, Virajpet Taluk
Karnataka
- Age : 66 years
- Education :SSLC
- Size of land holding (in acre) : 2 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. crops 1	Coffee	1.25	40	120000	41400
Hort. Crop 2	Black pepper	0.25	1.5	45000	20000
Hort. Crop 3	Arecanut	0.25	1	32000	20000
Hort. Crop 4	Coorg mandarin	0.25	2	12000	7500
Total				209000	88900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Litre/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. crops 1	Coffee	1.25	50	165000	80000	25.0	221.0
Hort. Crop 2	Black pepper	0.25	3	99000	59000	100.0	195.0
Hort. Crop 3	Arecanut	0.25	2	66000	24800	100.0	175.0
Hort. Crop 4	Coorg mandarin		2	16000	10500	0.0	40
Hort. Crop 5	Butter fruit		1.5	6000	4200	>100	>100
Livestock	Poultry		800 eggs + 15 kg chicken	6500	4620	>100	>100
Total				365100	183120		106.00

Brief: The farmer used to get annual income of Rs. 88900/- from Coffee based mixed farming system. He faced problems like low yield of coffee, wilt disease incidence in black pepper, . DFI interventions like soil test based fertilizer application in coffee, Application of AMC in black pepper, introduction of butter fruit all along the border and roads, kitchen gardening for home consumption of fresh vegetables and back yard poultry (Giriraja) , now he is getting annual income of Rs. 183120/-



INM in coffee



Back yard poultry

