



Name of farmer: Nagaraja S/o Ningegowda

Address: Mallanayakankatte, Mandya, Karnataka – 571 405

Karnataka

Age: 58

Education: 7th

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 ac	30 q	44,288	15904
Hort. Crop 1	Coconut	40 no.	2400 no.	53,000	41,000
Total				97,288	56,904

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Paddy	2.00 ac	36.5q	55616	16576	21.66	4.23
Hort. Crop 1	Coconut	40 No.	3250 No.	98500	58950	35.41	43.78
Live stock 1	Dairy (HF)	2 No.	4800 L	120000	66350	>100	>100
Total				2,74,116	1,41,876		149.32

Brief: The farmer used to get annual income of Rs. 56,904 from paddy and coconut . He was facing problems like low yield and quality of crop was low the reason being the salt affected condition, there was flower and nut drop in coconut . With DFI interventions like introduction of salt tolerant variety Gangavathi sona, soil test based nutrient application to soil and proper drainage was provided for leaching of salts, application of nutrients to coconut was advised and use of neem cake, trichoderma and boron to overcome flower drop was administered and motivated for dairy., he is getting annual income of Rs.1,41,876.



Crop at panicle stage



Latitude: 12.566248
Longitude: 76.836853
Elevation: 603.62 m
Accuracy: 3.5 m
Time: 19-12-2020 11:33
Note: Mallanayakankatte Neobara

Field day in Paddy under salt affected soil



Name of farmer: Varun S/o Javaregowda

Address: Ganadalu, Mandya, Karnataka – 571 405

Karnataka

Age: 38

Education: P.U.C

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	14.74 q	19584	7444
Field. Crop 2	Sugarcane	2 ac	834 q	133440	76320
Total				1,53,024	83,764

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	18.5 q	24,390	12,190	25.51	63.76
Field. Crop 2	Sugarcane	2 ac	1180 q	2,10,960	1,50,060	41.49	96.62
Livestock. 1	Desi (Hallikar)	1 No.	300 L	21,000	16,000	>100	>100
Total				2,56,350	1,78,250		112.80

Brief: The farmer used to get annual income of Rs.83,764 from paddy and sugarcane. He was facing problems like low yield and quality of crop was low, chaffiness was more in paddy the reason being the imbalanced nutrient management, the trash was burnt thus lack of better organic carbon. With DFI interventions like soil test based nutrient application to soil and integrated nutrient management was provided, technique of trash management was introduced and advised adopt green manuring in sugarcane and trichoderma was used for trash management and application of boron at 0.2% at the time of flowering in paddy to overcome flower drop was administered., he is getting annual income of Rs.1,78,250.



Crop at panicle stage



Field day in Paddy



Name of farmer: Prathap

Address: H. Kodihalli, Mandya, Karnataka – 571 445

Karnataka

Age: 28

Education: P.U.C

Size of land holding (in acre): 2.50

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	15.25 q	21,768	7268
Field Crop 2	Sugarcane	1 ac	424 q	66,720	38,320
Hort. Crop 1	Coconut	20 No.	1540 No.	24,500	16,460
Total				1,12,988	62,048

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	20.23 q	25,970	11,520	32.65	58.50
Field. Crop 2	Sugarcane	1 ac	620 q	1,11,600	79,100	46.22	106.4
Hort. Crop 2	Coconut	20 No.	2450 No.	47,500	38,400	59.09	133.29
Total				1,85,070	1,29,020		107.94

Brief: The farmer used to get annual income of Rs. 62,048 from paddy, sugarcane and coconut . He faced problems like low yield and quality in paddy, the reason being the salt affected condition, and improper method of trash management, there was flower and nut drop in coconut . With DFI interventions like introduction of salt tolerant variety Gangavathi sona, soil test based nutrient application to soil and proper drainage was provided for leaching of salts, technique of trash management was introduced and advised adopt green manuring in sugarcane and trichoderma was used for trash management application of nutrients to coconut was advised and use of neem cake, trichoderma and boron to overcome flower drop was administered., he is getting annual income of Rs.1,29,020.



Crop at panicle stage



Paddy under salt affected soil



Name of farmer: Basavaraju S/o Krishnegowda
Address: Jayapura, Mandya, Karnataka , 571405
Karnataka
Age: 47
Education: B. A.
Size of land holding (in acre): 3.50

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.5 ac	1000 q	1,80,000	1,00,000
Hort. Crop 1	Coconut	20 No.	2000 No.	20,000	15,000
Total				2,00,000	1,15,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field. Crop 1	Sugarcane	2.5 ac	1140 q	2,28,000	2,03,000	14.00	103
Field crop 2	Pulses (For household)	0.5 ac	40	-	-	>100	>100
Hort. Crop 2	Coconut	20 No.	3000 No.	36,000	30,500	50.00	103.33
Other enterprise	Sheep rearing	10Nos	150	65,000	43,000	>100	>100
Total				3,29,000	2,76,500		140.04

Brief: The farmer used to get annual income of Rs.1,15,000 from sugarcane and coconut . He was facing problems like low yield and quality in sugarcane, the reason being improper nutrient management and unscientific trash management and root grub problem. With DFI interventions like soil test based nutrient application to soil and technique of trash management was introduced and advised adopt green manuring in sugarcane and trichoderma was used for trash management, integrated root grub management sugarcane and application of trichoderma, neem cake and boron to coconut was advised to overcome flower drop. In dry land pulses was suggested for improving soil health and concept of IFS was administered, he started sheep rearing, he is getting annual income of Rs.2,76,500.



Use of trichoderma and cowdung slurry



Sugarcane crop at tillering stage



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Malleth S/o Shivannegowda

Address: Burudugunte, Nagamangala, Karnataka – 571 432

Karnataka

Age: 36

Education: P.U.C

Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	14 q	30,800	16,300
Hort. Crop 1	Capsicum	0.5 ac	59 q	82,500	57,600
Hort. Crop 2	Tomato	1 ac	140 q	1,45,000	67,000
Hort. Crop 3	Knolkhol	0.5 ac	38 q	68,000	44,000
Total				3,26,300	1,84,900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1 ac	20q	69,520	54,520	42.86	234.4
Hort. Crop 1	Capsicum	0.5 ac	72 q	1,01,500	78,140	22.03	35.66
Hort. Crop 2	Tomato	1 ac	200 q	2,00,000	1,20,500	42.85	79.8
Hort. Crop 3	Knolkhol	0.5 ac	50 q	75,000	50,000	31.58	13.64
Hort. Crop 4	Green leafy veg.	0.25 ac	3000 Bundles	2,00,00	17,000	>100	>100
Hort. Crop 5	Small onion	1 ac	158 q	3,16,000	2,32,000	>100	>100
Total				7,82,020	5,52,160		198.63

Brief: The farmer used to get annual income of Rs.1,84,900 from ragi, capsicum, tomato and knolkhol . He was facing problems like thrips and mite in capsicum, fruit splitting in knolkhol, stem bleeding in coconut. With DFI interventions like introduction of soil test based nutrient application and use of vegetable special, trichoderma, pseudomonas, neem soap and pongamia soap to overcome flower drop and IPDM in was administered. In addition he started green leaf cultivation, he is getting annual income of Rs.5,52,160.



Use of vegetable special



Field day in capsicum



Name of farmer: Madhusudhan, C. S. S/o Somegowda
Address: Channapanadoddi, Mandya, Karnataka – 571 404
Karnataka
Age: 30
Education: P.U.C
Size of land holding (in acre): 5.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	15.20 q	22,121	9601
Field. Crop 2	Sugarcane	2 ac	90 q	1,50,000	70,000
Seri. Crop 1	Mulberry/Silkworm	1 ac	4.2 q	1,05,000	87,500
Hort. Crop 1	Coconut	20 No.	1500 No.	23,864	16,033
Total				3,00,985	1,83,134

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	19 q	27,655	12,002	25.00	25.00
Field. Crop 2	Sugarcane	2 ac	1240 q	1,95,126	1,12,126	1277.7	60.18
Seri. Crop 1	Mulberry/Silk rearing	1 ac	4.9 q	1,47,600	1,23,000	16.67	40.57
Hort. Crop 1	Tomato	0.5 ac	84 q	84,000	50,610	>100.00	>100.0
Hort. Crop 2	Coconut	20 No.	2400 No.	46,531	37,616	60.00	134.61
Livestock. 1	Sheep rearing	12 No.	180 kg	81,000	69,000	>100	>100
Total				5,81,912	4,04,354		120.79

Brief: The farmer used to get annual income of Rs.1,83,134 from paddy, sugarcane and sericulture . He was facing problems like neck blast and BPH in paddy, low yield in mulberry due to CSR silkworm cultivation. With DFI interventions like introduction of soil test based nutrient application, IPDM in paddy and use of improved rearing technology in silkworm rearing, motivation to take up horticulture crops and introduction of Trichoderma, Pseudomonas, neem soap and pongamia soap to overcome flower drop and pest and disease was administered. He is getting annual income of Rs.4,04,354.



Sugarcane crop



Rearing of silkworms with whole shoot rearing method



Name of farmer: Lakshmana, P, S/o Puttaraju, M

Address: Adakanahalli, Bellur, Nagamangala, Karnataka – 571 418

Karnataka

Age: 34

Education: 10th

Size of land holding (in acre): 5.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	13 q	25,025	13,244
Field. Crop 2	Cowpea	1 ac	2 q	9019	3645
Hort. Crop 1	Coconut	40 No.	2500 No.	55,208	42,709
Hort. Crop 2	Lime	1 ac	65 q	1,62,500	92,857
Hort. Crop 3	Coconut saplings	0.3 ac	2000	1,40,000	1,13,410
Total				3,91,752	265865

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (KMR-630)	1.0ac	18q	43,200	27,200	38.46	105.00
Field. Crop 2	Cowpea	1.0 ac	3.2q	14,431	5832	60.00	60.00
Hort. Crop 1	Coconut	1.0 ac	3400 No.	1,03,046	58,950	36.00	38.00
Hort. Crop 2	Lime	1.0 ac	70 q	1,75,000	99,999	7.69	7.69
Hort. Crop 3	Coconut saplings		3000 No.	3,00,000	2,72,000	50.00	139.83
Fodder. Crop	Fodder Maize	0.10	43 q	(Enterprise guinea pig rearing)		>100	>100
Livestock. 1	Dairy	2 Nos	4900 L	1,22,500	67,750	>100	>100
Total				7,58,177	5,31,731		100

Brief: The farmer used to get annual income of Rs. 265865.5 from ragi, cowpea, coconut and lime . He was facing problems like pest and disease attack, quality of fruit and the reason being improper nutrient management, lack of integrated approach for pest and disease management . With DFI interventions, like use of improved varieties, trichoderma, pseudomonas, neem soap and pongamia soap to overcome flower drop and pest and disease was administered. He has started guinea pig rearing, he is getting annual income of Rs.5,31,731



Fodder maize



Coconut saplings



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Krishnegowda S/o Marigowda

Address: Huruliganganahalli, Nagamangala, Karnataka – 571 448

Karnataka

Age: 45

Education: 10th

Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	15 q	28875	15281
Hort. Crop 1	Capsicum	0.5 ac	55 q	76907	53695
Hort. Crop 2	Small onion	1.0 ac	140 q	280000	205570
Hort. Crop 3	Coconut	50 No.	3100 No.	68458	55958
Livestock. 1	Dairy	2 No.	2400 L	50000	37000
Total				5,04,240	3,67,504

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (Indaf-7)	1 ac	20 q	40000	26800	33.33	75.38
Hort. Crop 1	Capsicum	0.5 ac	70 q	98681	75969	27.27	41.48
Hort. Crop 2	Tomato	0.5 ac	110 q	110000	66275	>100	>100
Hort. Crop 3	Coconut	50 No.	3800 No.	83917	68600	22.58	22.59
Hort. Crop 4	Small onion	2 ac	330 q	660000	483000	17.86	134.96
Livestock. 1	Dairy	2 No.	5000 L	104167	77000	108.330	108.10
Total				10,96,765	7,97,644		117.04

Brief: The farmer used to get annual income of Rs.3,67,504 from ragi, capsicum, small onion, coconut and dairy. He faced problems like pest and disease attack, low quality of fruit and the reason being improper nutrient management, lack of integrated approach for pest and disease management. With DFI interventions like introduction New Ragi variety Indaf 7, soil test based nutrient application and use of vegetable special, trichoderma, pseudomonas, neem soap and pongamia soap to overcome flower drop and pest and integrated pin worm management in tomato was administered. In addition he started green leaf cultivation, he is getting annual income of Rs.7,97,644.



Demonstration in small onion



ICM Demonstration in tomato



Name of farmer: Nagaraju, S. K, S/o Kemparasegowda

Address: Sriramanahalli, Nagamangala, Mandya, Karnataka- 571 432

Karnataka

Age: 42

Education: 10th

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	15 q	28875	15300
Hort. Crop 1	Small onion	1 ac	136 q	272000	199500
Hort. Crop 2	Tomato	0.5 ac	68 q	70429	32500
Livestock 1	Dairy	1 No.	2350 L	48950	36250
Total				4,20,254	2,83,550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (Indaf-9)	1.0 ac	22 q	69500	54500	46.66	256.21
Hort. Crop 1	Small onion	2.0 ac	340 q	680000	497600	25.00	149.4
Hort. Crop 2	Capsicum	0.5 ac	69 q	97270	74884	>100	>100
Hort. Crop 3	Tomato	0.5 ac	78 q	80786	37280	14.70	14.71
Livestock 1	Dairy	1 No.	2500 L	52074	38564	6.38	6.38
Total				9,79,630	7,02,828		147.86

Brief: The farmer used to get annual income of Rs.2,83,550 from ragi, small onion, tomato and dairy . He was facing problems like low yield in ragi, sucking pest in small onion, late blight in tomato. With DFI interventions like introduction of soil test based nutrient application and use of micronutrient mixture and bioagents to overcome flower drop and pest and disease was administered, introduction of high yielding ragi variety Indaf 9, IPDM practices in tomato, small onion and capsicum was suggested and demonstrated. he is getting annual income of Rs.7,02,828.



Use of bioagents in capsicum



Advisory provided for small onion



Name of farmer: Ramachandra S/o Kempegowda

Address: Bramhadevarahalli, Nagamangala, Karnataka – 571 432

Karnataka -

Age: 52

Education: 7th

Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	16 q	31000	16000
Hort. Crop 1	Small onion	1 ac	145 q	290000	212912
Hort. Crop 2	Coconut	50 No.	2900 No.	64000	52348
Livestock 1	Dairy	1 No.	2350 L	48950	36230
Total				4,33,950	3,17,490

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (KMR- 630)	1 ac	20 q	38750	20000	25.00	25.0
Hort. Crop 1	Small onion	2 ac	318 q	636000	465000	9.65	9.20
Hort. Crop 2	Capsicum	0.5 ac	71 q	100000	77000	>100	>100
Hort. Crop 3	Tomato	0.5 ac	80 q	82850	38200	>100	>100
Hort. Crop 4	Coconut	50 No.	3400 No.	75000	61370	17.24	17.23
Livestock 1	Dairy	1 No.	2500 L	53000	38500	6.38	6.26
Total				9,85,600	7,00,070		257.69

Brief: The farmer used to get annual income of Rs.317490 from ragi, small onion, coconut and dairy. He was facing problems like purple blotch , thrips damage in onion, button shedding in coconut and low yield in ragi. With DFI interventions like introduction of high yielding ragi variety KMR-630, IPDM in small onion, capsicum , tomato, use of vegetable special, neem soap for cost effective pest managemnt. He is getting annual income of Rs.7,00,070



Use of yellow sticky traps in small onion



Integrated Crop Management in tomato



Effect of DFI intervention **Name of KVK: Mandya**
Name of farmer: Krishna S/o Thimmaiah
Address: Thandasannahalli, Mandya, Karnataka- 571 402
Karnataka
Age: 38
Education: P.U.C
Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	14 q	18600	7000
Field. Crop 2	Sugarcane	2 ac	810 q	129600	74125
Hort. Crop 1	Coconut	20 No.	1300 No.	28680	23450
Total				1,76,880	1,04,575

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	19 q	34258	9500	35.71	35.71
Field. Crop 2	Sugarcane	2 ac	1300 q	208000	119200	60.49	60.81
Field Crop 3	Cowpea	1 ac	2.6 q	16900	2500	>100	>100
Hort. Crop 1	Coconut	20 No.	1800 No.	40000	32000	38.46	36.46
Livestock 1	Dairy	2 No.	4900 L	137200	70000	>100	>100
Total				4,36,358	2,33,200		123.20

Brief: The farmer used to get annual income of Rs.1,04,575 from paddy, sugarcane and coconut . He was facing problems like low yield , leaf folder , blast in paddy, and nut drop in coconut . With DFI interventions like introduction of soil test based nutrient application, IPDM in paddy and sugarcane, use of leguminous crop after harvest of paddy and application of nutrients to coconut was advised and use of neem cake, *Trichoderma* and boron to overcome flower drop was administered and motivated for dairy. He is getting annual income of Rs.2,33,200.



Information on nutrient and pest management in coconut



Cowpea demonstration after paddy



Name of farmer: Mahesh S/o Manchegowda

Address: Brahmadevarahalli, Nagamangala, Karnataka - 571432

Karnataka

Age: 36

Education: 10th

Size of land holding (in acre): 2.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (local)	0.5 ac	6.3 q	12000	5500
Hort. Crop 1	Small onion	1 ac	136 q	270000	199500
Hort. Crop 2	Tomato	0.5 ac	65 q	68000	28000
Hort. Crop 3	Coconut	30 No.	1750 No.	39200	30580
Total				3,89,200	2,63,580

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	0.5 ac	10.20 q	20000	13000	61.90	136.36
Hort. Crop 1	Small onion	1.5 ac	240 q	476000	381000	17.65	90.98
Hort. Crop 2	Tomato	0.5 ac	79 q	80000	46500	21.54	66.07
Hort. Crop 3	Capsicum	0.5 ac	70 q	98000	74000	>100	>100
Hort. Crop 4	Coconut	30 No.	2340 No.	51640	42000	33.71	37.34
Livestock 1	Dairy	2 No.	4800 L	120000	84000	>100	>100
Total				8,45,640	6,40,500		143.00

Brief: The farmer used to get annual income of Rs.2,63,580 from ragi, small onion, tomato and coconut. He was facing problems like wilt in tomato, sucking pest in small onion, flower dropping in vegetables, button dropping in coconut. With DFI interventions like introduction of soil test based nutrient application and use of vegetable special, *Trichoderma*, pseudomonas, neem soap and pongamia soap to overcome flower drop and IPDM in vegetables was administered. In addition he started dairy farming and other horticulture crops, he is getting annual income of Rs. 6,40,500.



Small onion harvested



Capsicum at fruiting stage



Name of farmer: Ramesh S/o Thammaiah

Address: Mallanayakanakatte, Mandya Karnataka – 571 405

Karnataka

Age: 40

Education: 10th

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	16.5 q	22275	11600
Field. Crop 2	Sugarcane	2 ac	910 q	145600	89600
Hort.Crop 1	Coconut	30 No.	1890 No.	41580	35580
Total				2,09,455	1,36,780

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	23 q	32200	20200	39.39	74.14
Field. Crop 2	Sugarcane	2 ac	1440 q	230400	171400	58.24	91.29
Hort. Crop 1	Coconut	30 No.	2760 No.	60720	53720	46.03	50.98
Livestock 1	Goat rearing	10 No.	180 kg	72000	52000	>100	>100
Livestock 2	Dairy	1 No.	2300 L	55200	36200	>100	>100
Total				4,50,520	3,33,520		143.83

Brief: The farmer used to get annual income of Rs.1,36,780 from paddy, sugarcane and coconut . He faced problems like low yield, chaffiness was more in paddy the reason being the imbalanced nutrient management and stem borer damage. the trash was burnt thus lack of better organic carbon. With DFI interventions like soil test based nutrient application to soil and integrated nutrient management was provided, technique of trash management was introduced and advised to adopt green manuring in sugarcane and *Trichoderma* was used for trash management and application of boron at 0.2% at the time of flowering in paddy to overcome flower drop was administered. He is getting annual income of Rs.3,33,520.



Paddy demo on nutrient management transplanting



Crop harvest and threshing



Name of farmer: Srinivas S/o Thimmegowda

Address: Marasinganahalli, Mandya Karnataka- 571 402

Karnataka

Age: 51

Education: 7th

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	15.80 q	21330	9830
Field. Crop 2	Sugarcane	1 ac	500 q	80000	54000
Hort. Crop 1	Coconut	25 No.	1575 No.	31500	25500
Total				1,32,830	89,330

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	22 q	30800	17300	39.24	75.99
Field. Crop 2	Sugarcane	1 ac	760 q	121600	95100	52.00	76.11
Hort, Crop 1	Coconut	25 No.	1925 No.	42350	35150	22.22	37.84
Livestock 1	Dairy	2 No.	4850 L	106700	72700	>100	>100
Total				3,01,450	2,20,250		146.55

Brief: The farmer used to get annual income of Rs.89,330 from paddy, sugarcane and coconut . He faced problems like low yield and quality of crop was low, chaffiness was more in paddy the reason being the imbalanced nutrient management, the trash was burnt thus lack of better organic carbon. With DFI interventions like soil test based nutrient application to soil and integrated nutrient management was provided, technique of trash management was introduced and *Trichoderma* was used for trash management and application of boron at 0.2% at the time of flowering in paddy to overcome flower drop was administered. Motivated to go for dairy. He is getting annual income of Rs.2,20, 250.



Trash management in sugarcane



Brinjal crop in sugarcane



Name of farmer: Kavya, P W/o Shivakumar, H.N
Address: B. Hosuru, Mandya, Karnataka – 571 446
Karnataka
Age: 32
Education: P.U.C
Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	16.80 q	21800	10550
Field. Crop 2	Sugarcane	2	950 q	152000	94000
Livestock 1	Dairy	1 No.	1850 L	37000	21000
Total				2,10,800	1,25,550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	21.8 q	29430	16930	29.77	60.47
Field. Crop 2	Sugarcane	1 ac	770 q	123200	91200	62.10	-2.98
Hort. Crop 1	Capsicum	0.5 ac	72 q	100800	70300	>100	>100
Hort. Crop 2	Tomato	0.50 ac	78 q	78780	44280	>100	>100
Livestock 1	Dairy	2 No.	4900 L	107800	80800	164.86	284.76
Total				4,40,010	3,03,510		141.74

Brief: The farmer used to get annual income of Rs.1,25,550 from paddy, sugarcane and dairy . She was facing a problems like low yield , BPH damage in paddy, Sugarcane YMD and iron deficiency . With DFI interventions like soil test based nutrient application , IPDM in paddy and sugarcane, technique of trash management was introduction of vegetable crops like tomato and capsicum with proper guidance regarding integrate pest management by using low cost technologies. She is getting annual income of Rs.3,03,510



Crop at harvest stage



Tomato crop at vegetative stage



Name of farmer: Shivanand S/o Shivabasavaiah
Address: Kannahatti, Mandya Karnataka – 571 405
Karnataka
Age: 47
Education: P.U.C
Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	17 q	22950	10150
Field. Crop 2	Ragi	1 ac	14 q	20200	10400
Hort. Crop 1	Coconut	50 No.	3100 No.	68200	61200
Livestock 1	Dairy	1 No.	1920 L	42240	30240
Total				1,53,590	1,11,990

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	21.6 q	31320	17320	27.05	70.64
Field. Crop 2	Ragi (Indaf -7)	1 ac	22 q	37600	21600	57.14	107.69
Hort. Crop 1	Chilli	0.5 ac	6.2 q	14800	8800	>100	>100
Hort. Crop 2	Banana	0.50 ac	85 q	255000	165000	>100	>100
Hort. Crop 3	Coconut	50 No.	3650 No.	80300	79100	17.74	29.25
Livestock 1	Dairy	2 No.	4700 L	103400	74800	144.79	147.35
Total				5,22,420	3,66,620		227.36

Brief: The farmer used to get annual income of Rs.1,11,990 from paddy, ragi, coconut and dairy. He was facing problems like high salt content in the field, low yield and quality of crop was low, chaffiness was more in paddy due to gundi bug and stem borer. With DFI interventions like soil test based nutrient application to soil, demonstration of salt tolerate paddy variety Gangavati Sona, use of green leaf manure and maintain proper drainage to leech out the salt, and also introduced new ragi variety Indaf 7 for seed production, ICM in banana. he is getting annual income of Rs.3,66,620



Ragi crop



Advisory for chilli crop



Name of farmer: Santhosh S/o Ningegowda

Address: Hullenahalli, Mandya, Karnataka – 571 418

Karnataka

Age: 39

Education: P.U.C

Size of land holding (in acre): 3.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0 ac	16.50 q	21912	9612
Hort. Crop 1	Chilli	0.50 ac	5.6 q	13440	8940
Hort. Crop 2	Tomato	0.50 ac	65 q	61750	37450
Hort. Crop 3	Coconut	20 No.	1280 No.	28160	23660
Total				1,25,262	79,662

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.0 ac	22.50 q	30375	17775	36.36	84.92
Hort. Crop 1	Chilli	0.50 ac	8.0 q	22400	16400	42.86	83.44
Hort. Crop 2	Tomato	0.5 ac	75 q	76125	48625	15.38	29.84
Hort. Crop 3	Papaya	0.50 ac	100 q	100000	76000	>100	>100
Hort. Crop 4	Coconut	20 No.	1780 No.	39160	31160	39.06	31.70
Livestock 1	Dairy	(HF-1 and Desi-1)	2350lits 300lits	51700 22400	40200 17600	>100	>100
Total				3,42,160	2,47,760		211.01

Brief: The farmer used to get annual income of Rs.79,662 from paddy, chilli, tomato and coconut . He faced problems like Chilli leaf curl disease, flower dropping, low yield in tomato due to wilt and pinworm disease, low nuts in coconut due to rhinoceros beetle, mite infestation. With DFI interventions like introduction of soil test based nutrient application and use of vegetable special, *Trichoderma*, pseudomonas, neem soap and pongamia soap to overcome flower drop , introduction of leaf curl tolerant hybrid Arka Kyathi, IPDM practices in chilli, tomato, IDM in papaya.He has started organic farming and prepares liquid fertilizers on his own, he is getting annual income of Rs. 2,47,760



Demonstration on nutrient management in papaya



Preparation of jeevamrutha and waste decomposer



Name of farmer: Prema W/o Mahesh

Address: Mannahalli, Nagamangala, Karnataka – 571 432

Karnataka

Age: 36

Education: P.U.C

Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	12 q	21000	9000
Hort. Crop 1	Small onion	1 ac	139 q	278000	193000
Hort. Crop 2	Chilli	0.50 ac	5.8 q	12000	7500
Hort. Crop 3	Knolkhol	0.50 ac	36 q	48600	30600
Total				3,59,600	2,40,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1 ac	19 q	35150	21150	58.33	135.0
Hort. Crop 1	Small onion	2 ac	315 q	630000	442000	13.31	129.01
Hort. Crop 2	Chilli	0.5 ac	8.0 q	22000	15500	37.93	106.66
Hort. Crop 3	Brinjal	0.5 ac	160 q	232000	134000	>100	>100
Livestock 1	Dairy (HF)	1 No.	2400 L	52800	39800	>100	>100
Total				9,71,950	6,52,450		171.74

Brief: The farmer used to get annual income of Rs.2,40,100 from Ragi, small onion, chilli and knolkhol. She was facing problems like Low yield in Ragi due to local seeds, purple blotch in onion, Flower dropping in chilli, splitting of knobs in knolkhol. With DFI interventions like soil test based nutrient application to soil and integrated nutrient management was provided, use of bioagents *Trichoderma*, *pseudomonas*, pongamia/neem soap. Vegetable special micronutrient was administered to overcome flower drop in vegetables and fruit quality improved and motivated to take up dairy, she is getting annual income of Rs.6,52,450



Small onion storage unit



Integrated Crop management in Brinjal



Name of farmer: J. T. Ramachandra S/o Patel Thimmegowda

Address: Juttanahalli , Nagamangala taluk, Mandya, Karnataka - 571432
Karnataka

Age: 50

Education: 9th

Size of land holding (in acre): 5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Tomato	1 ac	18 q	204000	118240
Hort. Crop 2	Coconut	4 ac	11200 No.	200000	164000
Hort. Crop 3	Small onion	1.0 ac	123 q	130000	80000
Total				5,34,000	3,62,240

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Tomato	1 ac	26.8 q	299280	244000	48.88	106.35
Hort. Crop 2	Coconut	4 ac	14400 No.	288000	240000	28.57	46.34
Hort. Crop 3	Small onion	1.0 ac	160 q	368000	290000	30.08	262.50
Hort. Crop 4	Leafy veg.	0.30 ac		70000	50000	>100	>100
Total				10,25,280	8,24,000		127.47

Brief: The farmer used to get annual income of Rs. 3,62,240 from tomato, small onion and coconut. He was facing problems like flower drop and poor quality of fruit, late blight and pinworm in tomato, lack of awareness regarding use of resistant hybrids, improper nutrient management and sucking pest management in small onion. With DFI interventions like resistant, high yielding hybrid Arka abhed , ICM in small onion with the use of soil test based nutrient management and micronutrient vegetable special, ICM in coconut with the use of neem cake, bioagents *Trichoderma*, *pseudomonas* boron and growing leafy vegetables. He is getting annual income of Rs. 8,24,000.



ICM in Tomato



Juttanahalli, Karnataka, India
Unnamed Road, Juttanahalli, Karnataka 571432, India
Lat N 12° 46' 39.1512" Long E 76° 43' 53.5116"
04/12/20 11:40 AM

Field day on Tomato Hybrid Arka Abhed



Name of farmer: Kumar, J. K, S/o Kengegowda

Address: Juttanahalli , Nagamangala taluk, Mandya, Karnataka - 571432
Karnataka

Age: 46

Education: 5th

Size of land holding (in acre): 4 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Tomato	1 ac	16 q	2,10,000	95,000
Hort. Crop 2	Coconut	2 ac	5800 No.	1,75,000	1,10,000
Hort. Crop 3	Small onion	1 ac	40 q	2,00,000	1,18,000
Total				5,85,000	3,23,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Tomato	0.5 ac	22.8 q	269200	190000	-28.75	100
Hort. Crop 2	Coconut	2 ac	6200 No.	225000	180000	6.89	63.64
Hort. Crop 3	Small onion	2 ac	51 q	260000	198000	67.80	67.80
Hort. Crop 4	Chilli	0.5 ac	18 q	155000	107000	>100	>100
Hort. Crop 5	Capsicum	0.5 ac	60 q	120500	75000	>100	>100
Total				10,29,700	7,50,000		132.20

Brief: The farmer used to get annual income of Rs. 3,23,000 from tomato , small onion & Coconut. He was facing problems like flower drop in vegetables and poor quality of fruit and pin worm, wilt in tomato, lack of awareness regarding soil test based nutrient management and use of micronutrients resistant hybrids. With DFI interventions like soil test based nutrient management use of micronutrient vegetable special, use of resistant, high yielding hybrid Arka abhed, chilli hybrid Arka Kyati , ICM in small onion, capsicum, ICM in coconut with the advisory to use of neem cake, bioagents *Trichoderma*, *Pseudomonas* and he is getting annual income of Rs 7,50,000.



ICM in Capsicum



Demonstaration Tomato hybrid Arka Abhed



Name of farmer: Paramesh s/o Balakrishna

Address: Konanuru, Nagamangala taluk, Mandya, Karnataka -571432

Karnataka

Age: 26

Education: PUC

Size of land holding (in acre): 10 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Leafy vegetables	1 ac	20 q	55000	30000
Hort. Crop 2	Coconut	6 ac	22,800 No.	500000	442500
Hort. Crop 3	Small onion	3 ac	150 q	550000	300000
Total				11,05,000	772500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Red gram	1 ac	8 q	40000	35000	100	100
Hort. Crop 1	Coconut	6 ac	26,400 No.	650000	500000	15.75	13.0
Hort. Crop 2	Small onion	4 ac	220 q	1100000	650000	10	116.6
Hort. Crop 3	Cabbage	1 ac	140 q	99100	65000	>100	>100
Hort. Crop 4	Leafy veg	0.5 ac	30 q	60000	40000	200	33.3
Hort. Crop 5	Capsicum	1 ac	100 q	204000	150000	>100	>100
Live stock 1	Sheep and goat	20 No.	300 kg	135000	105000	>100	>100
Total				22,88,100	15,45,000		100

Brief: The farmer used to get annual income of Rs. 772500 from Leafy vegetables, small onion & Coconut. He was facing problems like sucking pest in vegetables and low quality of small onion bulb, stem bleeding, Red palm weevil in coconut. With DFI interventions like ICM in small onion with the use of soil test based nutrient management and vegetable special, ICM in coconut and IPM in cabbage and use of vegetable special for better quality, introduction of leguminous crop red gram, sheep and goat rearing. He is getting annual income of Rs.15,45,000



Demonstration IPM in cabbage



ICM in small onion



Name of farmer: Supreeth S/o Krishnegowda

**Address: Ijjalaghatta, Nagamangala taluk, Mandya, Karnataka - 571432
Karnataka**

Age: 25

Education: PUC

Size of land holding (in acre): 8 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Small onion	4 ac	160 q	700000	480000
Hort. Crop 2	Coconut	3 ac	6300 No.	130000	95000
Hort. Crop 3	Potato	1 ac	70 q	128000	80000
Total				9,58,000	6,55,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Small onion	4 ac	212 q	1000000	700000	32.5	45.8
Hort. Crop 2	Coconut	3 ac	8550 No.	210000	180000	35.71	89.47
Hort. Crop 3	Potato	1 ac	80 q	168000	110000	14.28	37.5
Hort. Crop 4	Cabbage	1 ac	150 q	104000	75000	>100	>100
Hort. Crop 5	Papaya	1 ac	340 q	350000	255000	>100	>100
Total				18,32,000	13,20,000		100

Brief: The farmer used to get annual income of Rs.6,55,000 from potato, small onion & Coconut. He was facing problems like poor quality in onion and flower drop in coconut, late blight in potato. With DFI interventions like, ICM in small onion with use of soil test based fertilizer, micronutrient vegetable special, ICM in coconut use of neem cake and boron to reduce flower drop and bioagents *Trichoderma* and *pseudomonas*, ICM in cabbage to improve quality of head use of vegetable special along with recommended fertilizers and introduction of new crop papaya he is getting annual income of Rs.13,20,000.



Demonstration on IPM in cabbage



Name of farmer: Venkatesh s/o Thimmegowda

Address: Juttanahalli , Nagamangala taluk, Mandya, Karnataka- 571432
Karnataka

Age: 40

Education: 12th

Size of land holding (in acre): 4 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Tomato	1 ac	19 q	204500	115000
Hort. Crop 2	Coconut	2 ac	4800 No.	95000	65000
Hort. Crop 3	Small onion	0.25 ac	32 q	115000	78000
Total				4,14,500	2,58,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Tomato	1 ac	23 q	262280	210000	21.05	82.60
Hort. Crop 2	Coconut	2 ac	6000 No.	11000	80000	25	23.07
Hort. Crop 3	Small onion	0.25 ac	40 q	160000	110000	25	41.02
Hort. Crop 4	Brinjal	1 ac	185 q	310000	246500	>100	>100
Total				7,43,280	6,46,500		150.58

Brief: The farmer used to get annual income of Rs. 2,58,000 from tomato , small onion& Coconut. He was facing problems like pin worm, leaf curl in tomato , sucking pest damage in small onion, low quality fruit, stem bleeding in coconut. With DFI interventions like resistant ,high yielding tomato hybrid Arka abhed , brinjal hybrid Arka Anand, ICM in small onion that is use of soil test based nutrient management, micronutrient vegetable special, traps and bioagents, ICM in coconut, he is getting annual income of Rs 6,46,500.



Demonstration of tomato hybrid Arka abhed



IPM in Brinjal



Name of farmer: K M Manja s/o Muddayya
Address: Hosabannangadi , Pandavapura taluk,
Mandya, Karnataka, 571812
Karnataka
Age: 38
Education: BA
Size of land holding (in acre): 3 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	1 ac	20 q	26000	6000
Hort. Crop 1	Capsicum	1 ac	80 q	154000	105000
Hort. Crop 2	Coconut	1 ac	2600 No.	55000	46000
Total				2,35,000	1,57,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	26 q	36800	13000	30	116.6
Hort. Crop 1	Capsicum	1 ac	100 q	175000	124000	25	18.09
Hort. Crop 2	Coconut	1 ac	2800 No.	59000	50000	7.69	8.69
Hort. Crop 3	Cabbage	1 ac	70 q	35000	18000	>100	>100
Hort. Crop 4	Chilli	0.5 ac	6 q	65000	48000	>100	>100
Live stock 1	Goat	10 No	160 kg	73600	63000	>100	>100
Total				4,44,400	3,16,000		101.27

Brief: The farmer used to get annual income of Rs.1,57,000 from capsicum, paddy & Coconut. He was facing problems like leaf curl in capsicum, blast and BPH in paddy, button dropping in coconut due to poor nutrient management. With DFI interventions like ICM and IPDM practices and introduction of IPM in cabbage use of bioagents, traps and soil test based nutrient management and micronutrient vegetable special for vegetables and use of neem cake and boron reduced flower drop in coconut and goat unit he is getting annual income of Rs.3,16,000



Mixed farming



Precision farming in capsicum



Name of farmer: Chandrashekar N D s/o Deshi gowda

Address: Narayanapura , Pandavapura taluk, Mandya, Karnataka, 571455
Karnataka

Age: 39

Education: 12th

Size of land holding (in acre): 5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	2 ac	48 q	76800	25000
Field crop 2	Ragi	1 ac	10 q	28000	20000
Hort. Crop 1	Coconut	1 ac	2300 No.	46000	38000
Hort. Crop 2	Pole beans	1 ac	23 q	160000	90000
Total		5 ac		3,10,800	1,73,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Paddy	1 ac	26 q	85800	40000	8.33	60
Field crop 2	Ragi	1 ac	15 q	42750	28000	50	40
Hort. Crop 1	Ginger	1 ac	180 q	300000	205000	>100	>100
Hort. Crop 2	Coconut	1 ac	2600 No.	55000	50000	13.04	31.57
Hort. Crop 3	Pole beans	1 ac	27 q	205000	120000	17.39	33.33
Total		5 ac		6,88,550	4,43,000		156.07

Brief: The farmer used to get annual income of Rs.1,73,000 from paddy, polebean, ragi & Coconut. He was facing problems like blast, BPH, Leaf folder in paddy, low yield, blast in ragi , button shedding in coconut, yellow mosaic in pole bean, With DFI interventions like ICM and IPDM practices in paddy and Ragi, use of high yielding ragi variety Indaf 9, ICM in Ginger, Integrated management of YMD in polebean he is getting annual income of Rs.4,43,000.



IPDM in Ginger crop



Integrated crop management Pole bean



Name of farmer: Pooja M W/O Ravi Gowda

Address: Kenchanahalli Pandavapura taluk, Mandya, Karnataka, 571434

Karnataka

Age: 28

Education: 8th

Size of land holding (in acre): 3 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Pole Beans	1 ac	21 q	130000	75000
Hort. Crop 2	Papaya	1 ac	310 q	210000	105000
Hort. Crop 3	Banana	1 ac	115.24 q	161280	97000
Total				5,01,280	2,77,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Pole Beans	1 ac	28 q	185000	110000	33.33	46.66
Hort. Crop 2	Papaya	1 ac	360 q	280000	170000	16.12	61.90
Hort. Crop 3	Banana	1 ac	140 q	200500	150000	21.73	54.63
Live stock 1	Sheep	25 No.	375 kg	168750	140750	>100	>100
Total				8,34,250	5,70,750		106.05

Brief: The farm woman used to get annual income of Rs.2,77,000 from polebean, papaya and Banana . She was facing problems like yellow mosaic, sucking pest in polebean, papaya black spot, panama wilt in banana,. With DFI interventions like IPM in polebean, ICM papaya and banana, use of vegetable special, bioagents trichoderma, pseudomonas, neem soap , yellow sticky trap, she is getting annual income of Rs.5,70,750



Pole bean crop demonstration



IDM in Banana



Name of farmer: Devaraju S/O Boregowda

**Address: Amruthi , Melukote Pandavapura taluk, Mandya, Karnataka, 571431
Karnataka**

Age: 32

Education: 10th

Size of land holding (in acre): 4 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Chrysanthemum	1.0 ac	70 q	210000	139000
Hort. Crop 2	Coconut	1.0 ac	2300 No.	48000	40000
Hort. Crop 3	Papaya	1.0 ac	310 q	210000	130000
Hort. Crop 3	Cabbage	1.0 ac	140 q	75000	30000
Total				5,43,000	339000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Chrysanthemum	1.0 ac	80 q	240000	190000	14.28	35.71
Hort. Crop 2	Coconut	1.0 ac	2500 No.	58000	50000	8.69	25
Hort. Crop 3	Papaya	1.0 ac	350 q	360000	280000	12.90	115.38
Hort. Crop 3	Cabbage	1.0 ac	150 q	92000	48000	7.14	60
Live stock 1	Cow	4 No.	7200 L	100000	60000	>100	>100
Live stock 2	Goat	10 No.	140 kg	63000	50000	>100	>100
Total				913000	6,78,000		100

Brief: The farmer used to get annual income of Rs. 339000 from chrysanthemum, papaya, coconut, cabbage . He was facing problems like flower dropping sucking pest in chrysanthemum, papaya ring spot virus, diamond back moth in cabbage. With DFI interventions like IPDM practices in Chrysanthemum, use of neem soap, traps, bioagents trichoderma, pseudomonas and micronutrients in papaya, integrated pest management in cabbage and introduction of animal component he is getting annual income of of Rs. 6,78,000



IPM in Chrysanthemum flower crop



Intercropping of papaya in coconut garden



Name of farmer: Chalubaraju s/o Late Channaiah

Address: Hullenahalli , Mandya (T) , Karnataka- 571418

Karnataka

Age: 55

Education: 12th

Size of land holding (in acre): 2.5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Black gram	1 ac	2 q	16000	9000
Field . Crop 2	Paddy	1 ac	20 q	30000	6000
Hort. Crop 1	Coconut	20 No.	800 No.	16000	11000
Live stock	Cow	2 No.	1500	63000	23000
Total				1,25,000	49,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Black gram	1 ac	3.6 q	25000	15000	80	66.6
Field . Crop 2	Paddy	1 ac	24 q	36000	10000	20	66.6
Hort. Crop 1	Coconut	20 No.	1000 No.	20000	15000	25	36.4
Live stock 1	Cow	2 No.	2160 L	68000	32000	44	39.13
Sericulture 1	Mulberry	1 acre	8 q	210000	175000	>100	>100
Total				3,59,000	2,47,000		405.02

Brief: The farmer used to get annual income of Rs.49,000 from black gram, paddy, coconut, and animal component. He was facing problems like lack of awareness about resistant and high yielding black gram variety, stem borer , leaf folder , blast in paddy, low yield in coconut . With DFI interventions like IPDM in paddy, introduction of black gram variety LBG-791 for seed production, use of neem cake, trichoderma, pseudomonas, micronutrient and introduction of sericulture components, he is getting annual income of Rs.2,47,000



Demonstration of LBG 791 black gram variety



IPDM in paddy



Name of farmer: Vasanth Kumar s/o Ninge gowda

Address: M. Shettahalli , Pandavapura taluk, Mandya, Karnataka- 571807

Karnataka

Age: 37

Education: 12th

Size of land holding (in acre): 5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	1 ac	2400 No.	48000	40000
Hort. Crop 2	Beans	1 ac	130 q	110000	70000
Comm crop 1	Sugarcane	3 ac	2250 q	430000	222000
Total				5,88,000	332000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	1 ac	2650 No.	65000	54000	10.4	35
Hort. Crop 2	Leafy vegetable	0.5 ac	-	75000	55000	>100	>100
Hort. Crop 3	Beans	1 ac	160 q	140000	95000	23.07	35.71
Hort. Crop 4	Coconut nursery		1500 No.	200000	150000	>100	>100
Comm Crop 1	Sugarcane	3 ac	2700 q	580000	310000	20	39.6
Total				10,60,000	6,64,000		100

Brief: The farmer used to get annual income of Rs. 332000 from Coconut, beans and sugarcane. He was facing problems like root grub in sugarcane, yellow mosaic in bean, mite infestation in coconut. With DFI interventions like introduction of VCF 517 with wider row spacing and trash management, intercultivation of leafy veg in sugarcane, ICM in coconut, IPM in Beans, use of traps and bioagents, he is getting annual income of Rs.6,64,000.



Leafy vegetable intercultivation in coconut orchard



Sugarcane variety VCF 0517 cultivation



Effect of DFI intervention

Name of KVK: KVK Mandya

Name of farmer: Suma S/o Muddayya

Address: Hosabannangadi , Pandavapura Tq, Mandya, Karnataka-571 812
Karnataka

Age: 33

Education: BA

Size of land holding (in acre): 4 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2 ac	4900 q	98000	75000
Hort. Crop 2	Papaya	1 ac	305 q	280000	185000
Field crops	Ragi	1 ac	12 q	32000	20000
Live stock	Poultry birds	50 No.	50 kg	35000	25000
Total				4,45,000	3,05,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	2 ac	5600 No.	133000	110000	14.28	46.6
Hort. Crop 2	Papaya	1 ac	340 q	358000	250000	11.47	35.13
Field crops	Ragi	1 ac	18 q	54000	45000	50	125
Live stock 1	Poultry birds	100 No.	150 kg	68000	53000	200	112
Live stock 2	Cow	5 No.	3750 L	90000	55000	>100	>100
Hort. Crop 3	Guava	0.5 ac	45 q	180000	100000	>100	>100
Total				8,83,000	6,13,000		101.00

Brief: The farmer used to get annual income of Rs.3,05,000 from papaya , Ragi, poultry birds & Coconut. She was facing problems like papaya ring spot and virus, coconut mite problem and low yield in ragi. With DFI interventions like IDM in Papaya, IPDM in coconut, introduction of high yield ragi variety Indaf 9 and use of soil test based nutrient management, use of bioagents trichoderma, pseudomonas and micronutrient, she is getting annual income of Rs.6,13,000.



Mixed horticulture crops



Small poultry unit

Effect of DFI intervention**Name of KVK: KVK Mandya****Name of farmer: Ravi S/o Mayappa****Address: Bacchikoppalu, Nagamangala taluk, Mandya Karnataka- 571432
Karnataka****Age: 42****Education: SSLC****Size of land holding (in acre): 4.5 acre****1) Before Intervention [Benchmark (Baseline period 2016-17)]**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Ragi	1 ac	9 q	25200	16000
Hort. Crop 1	Capsicum	1 ac	60 q	125500	70000
Hort. Crop 2	Coconut	100 No.	5250 No.	131250	110000
Total				2,81,950	1,96,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Ragi	1 ac	17 q	47600	32600	88.8	103.75
Hort. Crop 1	Capsicum	1 ac	75 q	160000	115500	25	65
Hort. Crop 2	Coconut	100 No.	6650 No.	166250	135000	26.66	22.72
Hort. Crop 3	Cabbage	0.5 ac	80 q	50000	30000	>100	>100
Hort. Crop 4	Small onion	1 ac	160 q	350000	280000	>100	>100
Total				7,73,850	5,93,100		202.60

Brief: The farmer used to get annual income of Rs.1,96,000 capsicum, coconut and Ragi. He was facing problems like sucking pest and virus, flower drop in capsicum, coconut rhinoceros beetle problem and nut dropping, low yield in ragi . With DFI interventions like use of neem soap , vegetable special, IPDM practices in cabbage and INM in coconut, use of high yielding Ragi Variety Indaf 7, he is getting annual income of Rs.5,93,100.

**ICM in cabbage****ICM in capsicum**



Name of farmer: Chandrashekar S/O Chinnegowda
Address: Sollepura, Maddur (T), Karnataka - 571423
Karnataka
Age: 45
Education: BA
Size of land holding (in acre): 2.5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	20 q	26000	6000
Commercial Crop 1	Sugarcane	1.5 ac	1050 q	210000	100000
Total				2,36,000	1,06,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field Crop 1	Paddy	0.5 acre	13 q	18200	8000	30	33.33
Comm crop	Sugarcane	1 acre	900 q	166500	120000	28.57	20
Hort crop 1	Banana	1 acre	140 q	100500	110000	>100	>100
Live stock 1	Desi cow	4 No.	1800 L	40000	25000	>100	>100
Total				3,25,200	2,63,000		148.11

Brief: The farmer used to get annual income of Rs.1,06,000 from paddy and sugarcane. He was facing problems like, low yield, pest and diseases in paddy and sugarcane.. With interventions like organic farming in paddy and sugarcane and introduction of elakki banana crop and rearing of desi cow and sale of milk and ghee he is getting annual income of Rs.2,63,000.



Field visit to organic Paddy cultivation



Organic banana cultivation



Name of farmer: Aruna s/o Rajegowda
Address: Bacchikoppalu, Nagamangala taluk, Mandya, Karnataka -571432
Karnataka
Age: 23
Education: PUC
Size of land holding (in acre): 5 acre

1) Before Intervention Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Capsicum	1 ac	80 q	170000	95000
Hort. Crop 2	Cabbage	1 ac	130 q	80000	45000
Hort. Crop 3	Coconut	3 ac	6750 No.	168000	128000
Total		5 ac		4,18,000	2,68,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Capsicum	1 ac	100 q	210000	130000	25	36.84
Hort. Crop 2	Cabbage	1 ac	150 q	95000	73000	15.38	62.22
Hort. Crop 3	Coconut	3 ac	7650 No.	198900	163000	13.33	27.34
Hort. Crop 4	Pole bean	0.5 ac	12 q	110000	80000	>100	>100
Hort. Crop 5	Small onion	1 ac	110 q	230000	165000	>100	>100
Total				8,43,900	6,11,000		127.98

Brief: The farmer used to get annual income of Rs.2,68,000 from capsicum, cabbage and coconut. . He was facing problems like leaf curl virus and wilt in capsicum, diamond back moth in cabbage. With DFI interventions like IPDM in cabbage and capsicum, use of neem soap , trichoderma, pseudomonas, vegetable special, soil test based nutrient management and introduction of new crop pole bean. he is getting annual income of Rs.6,11,000.



Demonstration of ICM in cabbage

ICM in Beans crop



Effect of DFI intervention

Name of KVK: KVK Mandya

Name of farmer: Marilingegowda s/o Shankaregowda

Address: Nelamakanahalli Malavalli taluk, Mandya, Karnataka- 571430
Karnataka

Age: 54

Education : PUC

Size of land holding (in acre): 6 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Comm Crop 1	Sugarcane	1 ac	650 q	147000	75000
Hort. Crop 1	Coconut	2 ac	3500 No.	84000	64000
Field crop 1	Paddy	3 ac	66 q	92400	25000
Total				3,23,400	1 64 000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Comm Crop 1	Sugarcane	1 ac	780 q	175500	110000	20.00	46.66
Field crop 1	Paddy	3 ac	84 q	116000	48000	27.27	92
Hort. Crop 1	Coconut	2 ac	4360 No.	109000	82000	24.57	28.12
Hort crop 2	Pole Bean	1 ac	24 q	250000	195000	>100	>100
Hort crop 3	Chilli	0.5 ac	12 q	80000	62000	>100	>100
Total				7,30,500	4,97,000		203.05

Brief: The farmer used to get annual income of Rs.1,64,000 from Sugarcane, paddy & Coconut. He was facing problems like root grub in sugarcane, low yield, blast and stem borer in paddy. With DFI interventions like IPDM in paddy, integrated management of root grub in sugarcane, introduction of sugarcane variety VCF 0517 in wider row spacing and soil test based nutrient management, introduction pole bean and chilli crop with ICM he is getting annual income of Rs.4,97,000.



ICM in Polebean demonstration



Neem soap spray demonstration



Name of farmer: Abhilasha S W/O Nagegowda
Address: Malavalli taluk, Mandya, Karnataka- 571430,
Karnataka Age:32
Education : SSLC
Size of land holding (in acre): 6.5 acre

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Comm Crop 1	Sugarcane	2 ac	1400 q	280000	140000
Hort. Crop 1	Coconut	2 ac	4200 No.	105000	70000
Field crop 1	Paddy	2 ac	50 q	70000	20000
Total				4,55,000	2,30,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Comm Crop 1	Sugarcane	2 ac	1840 q	328000	190000	31.42	35.71
Field crop 1	Paddy	2 ac	56 q	81200	30200	12	51
Field crop 2	Black gram	2 ac	10 q	75000	54000	>100	>100
Hort. Crop 1	Coconut	2 ac	4800 No.	120000	88500	14.28	26.42
Hort crop 2	Banana	1 ac	140 q	210500	150000	>100	>100
Total				8,14,700	5,12,700		122.91

Brief: The farmer used to get annual income of Rs.2,30,000 from sugarcane , paddy & Coconut. She was facing problems like low yield due to neck blast and false smut in paddy, sugarcane nutrient and pest problem and lack of information regarding proper agronomic practices use of soil test based fertilizer application. With DFI interventions like , high yielding hybrid sugarcane variety VCF 0517 with a wider row spacing, trash management, IPDM in paddy, growing black gram for soil enrichment in coconut orchard, ICM in banana. She is getting annual income of Rs.5,12,700.



Intercropping of Black gram in coconut garden



Growing of pulses in banana orchard for weed management



Name of farmer: Hemanth Kumar M.J S/O Jayaramu,
Address: Ragimuddanahalli, Pandavapura taluk, Mandya, Karnataka,-582103
Karnataka
Age: 38
Education: 10th
Size of land holding (in acre): 6 acre

1) Before Intervention [Benchmark (Baseline period (2016-17))

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	2 ac	105 q	405000	240000
Hort. Crop 2	Arecanut	1 ac	6 q	180000	120000
Hort. Crop 3	Coconut	3 ac	6300 No.	140000	110000
Total				7 25,000	4 70 000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Banana	2 ac	140 q	550000	415000	33.3	72.91
Hort. Crop 2	Arecanut	1 ac	9 q	250000	185000	50	54.16
Hort. Crop 3	Coconut	3 ac	7200 No.	180000	150000	14.28	36.36
Hort. Crop 3	Ginger	1 ac	150 q	290000	188000	>100	>100
Other Enterprise	Vermicompost unit	10 unit	730 q	60000	50000	>100	>100
Live stock	Desi Cow	4 No.	2000 L	35000	15000	>100	>100
Total				13,65,000	10,03,000		113.40

Brief: The farmer used to get annual income of Rs.4,70,000 from Banana, Arecanut and Coconut and waste management. He was facing problems like panama wilt in banana , Mite damage in coconut and button shedding due to improper nutrient management. With DFI interventions like Integrated disease management in banana and use of soil test based nutrient management, cost of fertilizer in coconut, introduction of Vermicompost unit, ICM in Ginger crop, he is getting annual income of Rs 10,03,000.



Demonstration of LBG 791 black gram variety



Vermi compost unit



Name of farmer: Srinivasa s/o Siddaiah K

Address: Sollepura, Maddur, Karnataka – 571 423
Karnataka

Age: 44

Education: 12th

Size of land holding (in acre): 4.00

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.5 ac	1250 q	175000	112500
Hort. Crop 1	Coconut	20 No.	1800 No.	25200	18700
Total				2,00,200	1,31,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field. Crop 1	Sugarcane	2.5 ac	1850 q	277500	201900	48	79.47
Field crop 2	Paddy (Desi var. Sidda Sanna)	1.0 ac	16 q	88000	72000	100	100
Hort. Crop 2	Coconut	0.5 ac	2900 No.	46400	38500	61.11	105.88
Other enterprise	Poultry	50 No.	75 kg	30000	18000	>100	>100
Total				4,41,900	3,30,400		151.83

Brief: The farmer used to get annual income of Rs.1,31,200 from sugarcane and coconut . He was facing problems like low yield and quality in sugarcane, the reason being improper nutrient management and unscientific trash management . With DFI interventions like soil test based nutrient application to soil and technique of trash management was introduced and advised adopt green manuring pulse crop in sugarcane and cowdung slurry was used for trash management, application of trichoderma, neem cake and boron to coconut was advised to overcome flower drop. He started growing desi variety Sidda Sanna through organic and also country birds rearing, he is getting annual income of Rs.3,30,400



Desi variety Sidda Sanna



Sugarcane crop with pulses intercrop

Effect of DFI intervention



Name of farmer: Devaraju H. C. s/o Late Channayya

Address: Hullenahalli, Mandya Tq., Karnataka, 571405
Karnataka

Age: 70

Education: B.Sc. B.Ed.

Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	800 q	1,36,000	86,000
Hort. Crop 1	Banana	1 ac	120 q	3,00,000	1,60,000
Total				4,36,000	2,46,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane (var. VCF 517)	2 ac	1200 q	2,16,000	1,76,000	50.00	104.00
Hort. Crop 1	Banana (Elakki)	1 ac	160 q	4,00,000	3,30,000	33.33	106.00
Total				6,16,000	5,06,000		105.70

Brief: The farmer used to get annual income of Rs. 2,46,000 from Sugarcane and Banana. He faced problems like panama wilt and sigatoka in banana, low sugarcane yield due to improper nutrient management and closer spacing. With DFI interventions like ICM practices in Banana, bunch feeding technique, trash management and wider spacing in Sugarcane. he is getting annual income of Rs. 5,06,000.



ICM in Banana



Bunch feeding in Banan



Name of farmer: Channappa J. s/o Basavayya
Address: Jayapura, Mandya Tq., Karnataka, 571405
Karnataka
Age: 46
Education: SSLC
Size of land holding (in acre): 1

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	0.5 ac	4.5 q	14,400	8,400
Hort. Crop 1	Bhendi	0.5 ac	33.60 q	80,640	48,920
Total				95,040	57,320

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	0.5 ac	8.0 q	25,600	20,100	77.77	139.28
Hort. Crop 1	Bhendi (var. Arka nikitha)	0.5 ac	50.00 q	1,20,000	1,00,000	48.80	104.00
Total				1,45,600	1,20,100	-	109.52

Brief: The farmer used to get annual income of Rs. 57,320 from Ragi and Bhendi. He faced problems like low yield due to local variety, finger blast, yellow vein mosaic in bhendi. With DFI interventions like introduction of high yielding ragi variety Indaf 7, introducing a high yielding and YVMV tolerant hybrid Bhendi (Arka Nikitha), he is getting annual income of Rs. 1,20,100.



Bhendi field visit



Field day of ICM in Bhendi (Arka nikitha)



Name of farmer: Gandharva Raj R s/o Ramalingaiah
Address: Dabbeghatta Village, Thenginagatta Post
Kikkeri Hobli, KR Pet Taluk, Mandya District, Karnataka - 571423
Karnataka
Age: 34
Education: PUC
Size of land holding (in acre): 07

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.00 ac	700 q	140000	80000
Horti. Crop 1	Banana	1.00 ac	30 q	60000	35000
Horti. Crop 2	Coconut	2.00 ac	10000 No.	160000	120000
Total				3,60,000	2,35,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.00 ac	1400 q	350000	170000	100.0	112.5
Horti. Crop 1	Banana	1.00 ac	45q	110000	85000	50	142.85
Horti. Crop 2	Coconut	2.00 ac	12000 No.	300000	230000	20.00	91.66
Total				7,60,000	4,85,000	-	106.38

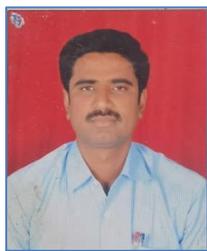
Brief: The farmer used to get annual income of Rs. 2,35,000 from Sugarcane, Banana & Coconut. He faced problems like low yield of sugarcane, Banana & coconuts, use of low yielding variety, high cost of inputs, not following INM practices. With DFI interventions like integrated farming practices, improved wider spaced sugarcane planting, INM in Banana and ICM in coconut, he was advised to use neem cake and micronutrient mixture banana special and now he is getting annual income of Rs 4,85,000.



INM In Banana



Integrated farming practices



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Shivegowda s/o Devegowda

Address: Jainahalli, KR Pet Taluk, Mandya District, Karnataka-571605

Karnataka

Age: 41

Education: PUC

Size of land holding (in acre): 2.13

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	500 q	140000	80000
Field Crop 2	Paddy	0.5 ac	10 q	20000	12000
Field Crop 3	Banana	0.5 ac	10 q	18000	15000
Horti. Crop 1	Areca nut	1.00 ac	15 q	85000	45000
Total				2,63,000	1,52,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.0 ac	850 q	212500	180000	70.00	125.5
Field Crop 2	Paddy	0.5 ac	14 q	28000	20000	40.00	66.66
Field Crop 3	Banana	0.5 ac	15 q	30000	25000	50.00	66.66
Horti. Crop 1	Areca nut	1.00 ac	25 q	125000	100000	66.67	122.2
Total				3,95,500	3,25,000	-	113.81

Brief: The farmer used to get annual income of Rs. 1,52,000 from Sugarcane, paddy, banana and Areca Nut. He was faced problems like lack of information regarding organic farming and integrated farming system by not following IPM, INM in various crops. With DFI interventions he was adopted organic farming with integrated farming system in 2.13 acre of land by adopting INM and ICM practices in paddy sugarcane and areca nut and now he is getting annual income of Rs 3,25,000.



Organic farming



ICM in Areca Nut



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Arun Kumar s/o Nanjunda Rao

Address: Akki Hebbalu Village, KR Pet Taluk,
Mandya District, Karnataka - 571605

Karnataka

Age: 37

Education: SSLC

Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	550 q	120000	70000
Horti. Crop 1	Banana	0.50 ac	15 q	30000	20000
Horti. Crop 2	Ginger	1.00 ac	50 q	110000	68000
Fodder Crop 1	COFS-29	0.50 ac	40 q	Cow farming	
Total				2,60,000	1,58,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	850 q	212500	160000	54.54	128.5
Horti. Crop 1	Banana	0.50 ac	30 q	60000	45000	100.0	125.0
Horti. Crop 2	Ginger	1.00 ac	100 q	200000	150000	100.0	120.5
Fodder Crop 1	COFS-29	0.50 ac	50 q	Cow farming		>100	>100
Total				4,72,500	3,55,000	-	124.6

Brief: The farmer was used to get annual income of Rs. 1,58,000 from Sugarcane, Banana, ginger and fodder crops. He was faced problems like low yield of sugarcane due to grub infestation and planting local variety which yields lower sugarcane, high cost of inputs, not following INM practices. With DFI interventions like adaptation of integrated farming system and following INM and ICM in ginger and banana crops and now he is getting annual income of Rs 3,55,000.



Paired row Sugar cane planting



Areca nut intercroops with Sugar cane



Name of farmer: Anand Kumar GS s/o Shambulingappa

Address: Govindanahalli Village, Margonahalli Post

KR Pet Taluk, Mandya District, Karnataka-571423

Karnataka

Age: 36

Education: SSLC

Size of land holding (in acre): 4

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	600 q	120000	70000
Horti. Crop 1	Rose	0.50 ac	40 q	35000	20000
Horti. Crop 2	Chrysanthemum	0.50 ac	30 q	25000	15000
Horti. Crop 3	Coconut	40 No.	4000 No.	60000	40000
Total				2,40,000	1,45,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	225000	180000	50.00	157.0
Horti. Crop 1	Rose	0.50 ac	60 q	60000	45000	50.00	125.0
Horti. Crop 2	Chrysanthe mum	0.50 ac	50 q	55000	40000	66.66	166.6
Horti. Crop 3	Coconut	40 No.	5000 No.	100000	85000	25.00	112.5
Total				4,40,000	3,50,000	-	141.3

Brief: The farmer used to get annual income of Rs. 1,45,000 from Sugarcane, coconut and floriculture. He faced problems like low yield of sugarcane because of not adopting INM and IPDM practices and not adopting of IPM in flower crops. With DFI interventions like adaptation of ICM in flower crops, sugar cane and coconut crops which enhanced more productivity of sugarcane and flower crops and now he is getting annual income of Rs 3,50,000.



ICM in Chrysanthemum



ICM in Sugarcane



Name of farmer: Dhruva Prakash s/o Siddegowda
Address: Mallanayakanakatte Village, Dudda Hobli
Mandya Taluk, Mandya District, Karnataka-571405
Karnataka
Age: 38
Education: 7th
Size of land holding (in acre): 2.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	600 q	150000	75000
Field Crop 2	Paddy	0.50 ac	10 q	20000	12000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4.2 q	126000	70000
Total				2,96,000	1,57,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	225000	160000	50.00	113.3
Field Crop 2	Paddy	0.50 ac	15 q	30000	24000	50.00	100.0
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	5.4 q	216000	158000	28.57	125.7
Total				4,71,000	3,42,000	-	117.8

Brief: The farmer used to get annual income of Rs. 1,57,000 from Sugarcane, Paddy & Sericulture. He faced problems like low yield of sugarcane & cocoons, low yielding variety, high cost of inputs, not following ICM practices. With DFI interventions like improved short improved varieties, silkworm double hybrids and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 3,42,000.



ICM in Mulberry



IPM in Mulberry



Name of farmer: Somshekar s/o Channegowda
 Address: H Kodihalli Village, Dudda Hobli
 MandyaTaluk, Mandya District, Karnataka-571445
 Karnataka
 Age: 48
 Education: SSLC
 Size of land holding (in acre): 2.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	600 q	150000	90000
Field Crop 2	Paddy	0.50 ac	10 q	21000	12500
Hort. Crop 1	Coconut	30 No.	1950 No.	29250	23250
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	3.6 q	108000	70000
Total				3,08,250	1,95,750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	850 q	212500	170000	41.66	88.88
Field Crop 2	Paddy	0.50 ac	15 q	32000	25000	50.00	100.0
Hort. Crop 1	Coconut	30 No.	2580 No.	56760	48000	32.31	106.45
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	5.1 q	205000	155000	41.66	121.4
Total				5,06,260	3,98,000	-	103.3

Brief: The farmer was used to get annual income of Rs. 1,95,750 from Sugarcane, Paddy & Sericulture. He was faced problems like not adaptation of integrated crop and pest management of mulberry and high cost of inputs for this he was getting low yield of sugarcane & cocoons. With DFI interventions like adoption of ICM and IPM practices in mulberry and rearing of silkworm double hybrids and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 3,98,000.



IPM in Mulberry



Practicing shoot rearing of silkworm FC1 x FC2



Name of farmer: Naganna s/o Kempegowda
 Address: H. Kodihalli Village, Dudda Hobli
 Mandya Taluk, Mandya District, Karnataka-571445
 Karnataka
 Age: 54
 Education: SSLC
 Size of land holding (in acre): 5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.00 ac	12 q	36000	22000
Field Crop 2	Paddy	1.00 ac	18 q	34000	20000
Seri. Crop 1	Mulberry/ Silkworm	3.00 ac	4.1 q	120000	80000
Total				1,90,000	1,22,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.00 ac	20 q	60000	40000	66.66	81.81
Field Crop 2	Paddy	1.00 ac	25 q	50000	35000	38.88	75.00
Seri. Crop 1	Mulberry/ Silkworm	3.00 ac	6.5 q	240000	180000	58.53	125
Total				3,50,000	2,55,000	-	109.0

Brief: The farmer used to get annual income of Rs. 1,22,000 from Ragi, Paddy & Sericulture. He faced problems like low yield of ragi, paddy & cocoons, low yielding variety, high cost of inputs, not following INM practices due to lack of awareness about practicing ICM in ragi and paddy. With DFI interventions like adopting new improved ragi Indaf 7 and paddy variety MSN 99 and rearing of improved silkworm double hybrids and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 2,55,000.



Training on Improved technologies in Sericulture



INM in mulberry



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Sathish KC s/o Channaiah
 Address: H. Kodihalli Village, Dudda Hobli
 Mandya Taluk, Mandya District, Karnataka-571445
 Karnataka
 Age: 47
 Education: 7th
 Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	650 q	162500	90000
Field Crop 2	Paddy	0.50 ac	10 q	20000	12000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4.2q	147000	85000
Total				3,29,500	1,87,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	225000	175000	38.46	94.44
Field Crop 2	Paddy	0.50 ac	16 q	35000	26000	60.00	116.6
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	7.4 q	259000	175000	76.19	105.8
Total				5,19,000	3,76,000	-	101.06

Brief: The farmer used to get annual income of Rs. 1,87,000 from Sugarcane, Paddy & Sericulture. He was faced problems like low yield of sugarcane due to plantation of local variety and not adopting IPDM practices and rearing of multivoltine silkworms which yields low cocoon yield and not following IPDM, INM in mulberry. With DFI interventions like improved short improved varieties, rearing of improved silkworm double hybrids and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 3,76,000.



Training on double hybrid silkworm rearing



Shoot feeding technology



Name of farmer: Siddaraju SS s/o Siddegowda
Address: Nelamakanahalli Village,
Malavalli, Mandya District, Karnataka- 5714430
Karnataka
Age: 45
Education: 7th
Size of land holding (in acre): 2.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	0.50 ac	300 q	75000	40000
Field Crop 2	Paddy	0.50 ac	10 q	20000	12000
Field Crop 3	Ragi	0.50 ac	12 q	36000	20000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4 q	140000	90000
Total				2,71,000	1,62,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	0.50 ac	450 q	112500	80000	50.00	100.0
Field Crop 2	Paddy	0.50 ac	16 q	32000	25000	60.00	108.3
Field Crop 3	Ragi	0.50 ac	18 q	54000	44000	50.00	120.0
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	6.5 q	273000	203000		
Total				4,71,500	3,52,000	62.50	125.5
						-	117.28

Brief: The farmer was used to get annual income of Rs. 1,62,000 from Sugarcane, Paddy, Ragi, & Sericulture. He was faced problems like sowing/planting low yield variety of sugarcane, ragi and paddy and rearing of PMxCSR2 which yield least cocoon yield and lack of knowledge about INM practices. With DFI interventions he was planted high yielding sugarcane and adopted improved INM, ICM practices in mulberry and rearing of silkworm double hybrids and now he is getting annual income of Rs 3,52,000.



INM In Mulberry



IPM in Mulberry



Name of farmer: Vinay Kumar s/o Kullegowda
Address: Mallanayakanakatte Village, Dudda Hobli
Mandya Taluk, Mandya District, Karnataka-5714405
Karnataka
Age: 32
Education: SSLC
Size of land holding (in acre): 2.5

1) Before Intervention (Benchmark (Baseline period 2016-17))

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.50 ac	10 q	20000	12000
Field Crop 2	Sugarcane	1.00 ac	600 q	140000	80000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4.2 q	135000	85000
Total				2,95,000	1,77,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	0.50 ac	15 q	30000	20000	50.00	66.66
Field Crop 2	Sugarcane	1.00 ac	900 q	250000	175000	50.00	118.75
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	6 q	240000	180000	42.85	111.75
Total				5,20,000	3,75,000	-	111.8

Brief: The farmer was used to get annual income of Rs. 1,77,000 from Paddy, Sugarcane & Sericulture. He was faced problems like low yield of mulberry plants and cocoon yield, more cost of inputs, not following INM practices. With DFI interventions advised to grow improved mulberry variety and rearing of silkworm double hybrids through shoot feeding method and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 3,75,000.



Improved silkworm double hybrid



Shoot feeding of silkworm



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Channappa KC s/o Chowdaiah C
 Address: Kagehallada Doddi Village,
 Mandya Taluk, Mandya District, Karnataka-5714404
 Karnataka
 Age: 40
 Education: PUC
 Size of land holding (in acre): 4

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.50 ac	600 q	150000	80000
Field Crop 2	Paddy	0.50 ac	10 q	20000	12000
Seri. Crop 1	Mulberry/ Silkworm	2.00 ac	4.2 q	130000	75000
Total				3,00,000	1,67,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.50 ac	950 q	270000	150000	58.33	87.50
Field Crop 2	Paddy	0.50 ac	16 q	32000	24000	60.00	100.0
Seri. Crop 1	Mulberry/ Silkworm	2.00 ac	7.1 q	290000	195000	69.04	160.0
Total				5,92,000	3,69,000	-	120.9

Brief: The farmer was used to get annual income of Rs. 1,67,000 from Sugarcane, Paddy & Sericulture. He was faced problems with getting low yield mulberry leaves, sugarcane & cocoons because of planting local variety mulberry plants non managing stem borer in sugarcane and rearing of PMxCSR2 which yields low quality cocoons. With DFI interventions advised to plantation improve V1 mulberry and practice IPDM in sugar cane and rearing of improved silkworm double hybrids and Integrated nutrient management in mulberry and now he is getting annual income of Rs 3,69,000.



Shoot feeding silkworm rearing



Practices of uses of plastic moutage



Name of farmer: Anil Kumar VN s/o Nagaraju
Address: Vaddaragudi Village, Akki Hebbalu Post
 KR Pet Taluk, Mandya District, Karnataka-571605
 Karnataka
Age: 35
Education: 7th
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.00 ac	12 q	36000	24000
Horti. Crop 1	Chrysanthemum	1.00 ac	80 q	250000	155000
Horti. Crop 2	Coconut	40 No.	3200 No.	64000	40000
Total				3,50,000	2,19,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.00 ac	20 q	65000	50000	66.66	108.3
Horti. Crop 1	Chrysanthemum	1.00 ac	110 q	380000	320000	37.50	106.4
Horti. Crop 2	Coconut	40 No.	3500 No	85000	70000	9.37	75.00
Total				5,30,000	4,40,000	-	100.9

Brief: The farmer used to get annual income of Rs. 2,19,000 from Ragi, Chrysanthemum & Coconut. He was facing problems like low yield of flowers *i.e.*, chrysanthemum and ragi due to lack of knowledge about sowing improved varieties of plants and not adopting of ICM, IPDM practices. With DFI interventions advised high yielding chrysanthemum varieties and ragi and he used to prepare areca nut nursery to get more income and now he is getting annual income of Rs 4,40,000.



ICM in Chrysanthemum



Areca nut nursery



Name of farmer: Umesha TN s/o Ningaraju
Address: Tholasi Village, Ikkanahalli Hobli
 KR Pet Taluk, Mandya District, Karnataka-571426
 Karnataka
Age: 34
Education: SSLC
Size of land holding (in acre): 2.8

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	600 q	125000	70000
Horti. Crop1	Cabbage	0.80 ac	100 q	95000	60000
Horti. Crop2	Knol khol	1.00 ac	120 q	110000	68000
Total				3,30,000	1,98,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	250000	160000	50.00	128.5
Horti. Crop1	Cabbage	0.80 ac	150 q	160000	125000	50.00	108.3
Horti. Crop2	Knol khol	1.00 ac	140 q	180000	130000	16.66	91.17
Total				5,90,000	4,15,000	-	109.5

Brief: The farmer was used to get annual income of Rs. 1,98,000 from Sugarcane, Cabbage & Knol khol. He was faced problems like selection of high yielding varieties of vegetable crops and ICM and INM practices of vegetable crops & planting of sugarcane with improper way which yields less yield. With DFI interventions advised wider spaced / paired row system of sugarcane plantation to get more yield and adaptation of ICM and IPDM in vegetable crops and now he is getting annual income of Rs 4,15,000.



Practice of improved silkworm rearing FC1XFC2



Practices of improved mulberry cultivation (V1)



Name of farmer: Doreswamy s/o Jogigowda
Address: Kuri koppalu Village, Dudda Hobli
Mandya Taluk, Mandya District, Karnataka-571405
Karnataka
Age: 40
Education: SSLC
Size of land holding (in acre): 3.0

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	600 q	150000	95000
Field Crop 2	Paddy	1.00 ac	15 q	30000	22000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4.3 q	130000	90000
Total				3,10,000	2,07,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	250000	195000	50.00	105.2
Field Crop 2	Paddy	1.00 ac	24 q	48000	38000	60.00	72.72
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	7.1 q	280000	220000	65.11	144.4
Total				5,78,000	4,53,000	-	118.8

Brief: The farmer was used to get annual income of Rs. 2,07,000 from Sugarcane, Paddy & Sericulture. He was faced the problems like low yield of sugarcane due to not adopting IPDM practices and plantation of local varieties of paddy and rearing of PMxCSR2 silkworms which yields least quality cocoons and lack of knowledge to adopt new technology related to agriculture. With DFI interventions advised to rearing improved silkworm hybrid FC1xFC2 which yield more quality cocoons and INM and IPM by adopting organic formulations in plantation of paddy and sugarcane and now he is getting annual income of Rs 4,53,000.



IPM in mulberry



Compost by sericulture waste



Name of farmer: Ramesh S/o Kalegowda
Address: Bevinakuppe, Pandavapura Tq,
Mandya, Karnataka, 571434
Karnataka
Age: 49
Education: PUC
Size of land holding (in acre): 3.5Acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	500 q	70,000	45,000
Field Crop 2	Paddy	1 ac	22 q	24,200	12,200
Livestock 1	Cows	4 No.	3240 L	58,320	27,160
Seri 1	Sericulture	1 ac	12 q	3,75,000	2,50,000
Total				5,27,520	3,34,360

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1 ac	800 q	1,68,000	75,000	60	66
Field Crop 2	Paddy	1 ac	25 q	35,000	23,000	13.63	88.5
Livestock 1	Cows	6 No.	4150 L	91,300	70,140	28.10	158.20
Seri 1	Sericulture	1 ac	15 q	6,75,000	5,02,000	25	101
Other enterprise 1	Kitchen garden	0.05 ac	3.2 q	12,800	9,300	>100	>100
Other enterprise 2	Mushroom	720 Sqft	13 q	1,69,000	1,27,400	>100	>100
Total				11,51,100	8,06,840		141.31

Brief: The farmer used to get annual income of Rs.3,34,360 from Sugarcane, paddy, cows and sericulture. He was facing problems like low yield due to improper nutrition, Stem borer, leaf folder, neck blast in paddy, lack of knowledge about double cross hybrid. With DFI interventions like sugarcane nutrient management, thrash management, IPDM in paddy, introduction of double hybrid silkworm, mushroom production, kitchen garden, he is getting annual income of Rs 8,06,840.



Sugarcane variety VCF 0517



Mushroom cultivation



Name of farmer: Channakeshava C K s/o Kumarswamy

Address: Chandagalu, SrirangapatanaTq, Mandya, Karnataka, 571477

Karnataka

Age: 34

Education: PUC

Size of land holding (in acre): 3 Acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1440 q	259000	155000
Field Crop 2	Paddy	1 ac	22 q	26,400	10,000
Livestock 1	Cows	4 No.	3480 L	1,42,560	91,280
Total				4,27,960	2,56,280

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1800 q	3,78,000	2,10,000	25	35.48
Field Crop 2	Paddy	1 ac	25 q	35,000	18,000	13.64	80
Seri. 1	Sericulture	1.5 ac	8.7 q	3,91,500	2,200,00	100	100
Livestock 1	Cows	08 No.	6480 L	72,500	57,500	86.2	-37.01
Other enterprise	Kitchen garden	0.05 ac	3.2 q	12,800	9,300	>100	>100
Total				8,89,800	5,14,800		100.87

Brief: The farmer used to get annual income of Rs. 2,56,280 from sugarcane, paddy, and cows. He was facing problems like low yield in sugarcane due to internode borer, YMD , Neck blast etc. With DFI interventions like introduction of sugarcane variety VCF 517 with INM, IPDM practices in paddy and addition of new component sericulture , he is getting annual income of Rs 5,14800 .



Demonstration of sugarcane variety VCF-0517



Dairy Enterprise



Name of farmer: Ashwini w/o Prashanthkumar H C
Address: Hosur Village, Melapura post, Srirangapatna Taluk, Mandya District, Karnataka , 571438 Karnataka
Age: 49
Education: SSLC
Size of land holding (in acre): 4.5Acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1100 q	132000	94000
Field Crop 2	Paddy	1 ac	21 q	23100	8000
Hort. Crop 2	Coconut	18 No.	1206 No.	18090	15000
Total				1,73,190	1,17,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1600 q	288000	231000	45	145
Field Crop 2	Paddy	1 ac	28 q	39200	19000	33	137
Hort. Crop 1	Coconut	18 No.	1409 No.	35225	31600	16	110
Seri. Crop 1	Silkworm Rearing	1 ac	4.80 q	192000	111500	>100	>100
Other enterprise	Kitchengarden	0.05 ac	3.2 q	11,800	9,300	>100	>100
Total				5,66,225	4,02,400		243.93

Brief: The farmer women used to get annual income of Rs.1,17,000 from paddy, sugarcane and coconut. She was facing problems like sugarcane root grub, lack of information regarding high yielding variety, paddy blast. With DFI interventions like Integrated root grub management in sugarcane with wider row spacing of variety VCF - 0517 , introduction of new component silkworm and kitchen garden, She is getting annual income of Rs 402400.



Silkworm Rearing



Sugarcane-VCF- 0517 in wider row spacing



Name of farmer: Sakamma w/o Doddalingaiah

Address: Holalu, Mandya Taluk Mandya, Karnataka 571405

Karnataka

Age: 49

Education: 5th Std

Size of land holding (in acre): 2.5Acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	500 q	90,000	55,000
Field Crop 2	Paddy	1 ac	22 q	24,200	10,200
Total				1,14,200	65,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1 ac	920 q	1,84,000	94,000	84	70.9
Field Crop 2	Paddy	1 ac	25 q	35,000	16,000	13.64	56.86
Other enterprise 1	Kitchen garden	0.05 ac	2.8 q	12,800	11,000	>100	>100
Other enterprise 2	Value addition (Minor Millets)	-	3 q	280000	1,75,000	>100	>100
Total				5,11,800	2,96,000	-	353.98

Brief: The farm women used to get annual income of Rs. 65,200 from paddy and sugarcane . She was facing problems like low yield, stem borer and blast disease in paddy. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of value addition to miner millet and selling under brand name of Chittalamma . She is getting annual income of Rs 2,96,000.



IPDM in Paddy



Marketing of value added products at Krishi mela



Name of farmer: Chetan S/O Ramegowda

Address: Sugganahalli , SR patna , Mandya , Karnataka 571415

Karnataka

Age: 35

Education: PUC

Size of land holding (in acre): 4 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1200 q	2,22,000	1,20,000
Field Crop 2	Paddy	1 ac	21 q	27300	8300
Hort 1	Coconut	40 No.	2400 No.	48,000	33,000
Total				2,97,300	1,61,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1600 q	3,52,000	2,20,222	33	83.51
Field Crop 2	Paddy	1 ac	28 q	39,200	19,000	33.3	128.91
Hort 1	Coconut	40 No.	2650 No.	63,600	43,000	10.4	30.3
Hort 2	Tomato	1 ac	16 q	2,55,000	1,20,000	>100	>100
Total				7,09,800	4,02,222		149.36

Brief: The farmer used to get annual income of Rs. 1,61,300 from paddy ,sugarcane and coconut. He was facing problems like low yield, stem borer blast disease in paddy, stem bleeding in coconut. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, IPM in tomato, He is getting annual income of Rs 4,02,222.



IPM in tomato



Mixed farming in coconut garden



Name of farmer: Gnaneshwara C.S S/O Siddamallappa
Address: Chandagalu village, Sri Rangapatna, Mandya,
Karnataka, 571477
Karnataka
Age: 36
Education : SSLC
Size of land holding (in acre): 5 acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Comm Crop 1	Sugarcane	2 ac	1400 q	3,00,000	1,70,000
Hort. Crop 1	Coconut	40 No.	1500 No.	37,000	28,000
Field crop 1	Paddy	2 ac	41 q	51,250	24,500
Total				3,88,250	2,22,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Comm Crop 1	Sugarcane	2 ac	1700 q	3,74,000	2,24,000	21.43	31.76
Field crop 1	Paddy	2 ac	52 q	72,800	30,500	26.83	24.49
Hort. Crop 1	Coconut	40 No.	1950 No.	50,700	41,000	30.00	46.43
Hort crop 2	Coconut nursery	-	1500 No.	2,25,000	1,80,000	>100	>100.00
Hort crop 3	Chilli	0.5 ac	12 q	80,000	62,000	>100	>100.00
Total				8,02,500	5,37,500		141.57

Brief: The farmer used to get annual income of Rs. 2,22,500 from Sugarcane, paddy & Coconut. He was facing problems like root grub in sugarcane, low yield, blast and stem borer in paddy. With DFI interventions like IPDM in paddy, integrated management of root grub in sugarcane, introduction of sugarcane variety VCF 0517 in wider row spacing , introduction coconut nursery and chilli crop with ICM he is getting annual income of Rs 5,37,500.



Wider row spacing of VCF 517



Coconut Nursery



Name of farmer: Abhilash s/o Jaishankar

Address: Gunnayakanahalli, Mandya (T) , karnataka, 571405

Karnataka

Age: 29

Education: degree

Size of land holding (in acre): 5acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	1 ac	21 q	25200	13000
Field . Crop 2	Sugarcane	3 ac	1800 q	333000	120000
Total				3,58,200	1,33,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field . Crop 1	Paddy	1 ac	28 q	39000	20200	33.3	55.38
Field . Crop 2	Sugarcane	3 ac	2700 q	621000	322000	50	168.33
Field Crop 3	Ragi	1 ac	12 q	36000	24000	>100	>100
Enterprise 1	Mushroom	-	3.0 q	45000	34150	>100	>100
Total				7,41,000	4,00,350		201

Brief: The farmer used to get annual income of Rs. 1,33,000 from paddy and sugarcane . He was facing problems like low yield, stem borer blast disease in paddy. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of value addition to minor millet and selling under brand name Natures Fresh. He is getting annual income of Rs 4,00,350.



IPDM in paddy



Mushroom unit



Name of farmer: Manjula w/o Nagaraju

Address: Chandugal, Mandya (T), Karnataka, 571446

Karnataka

Age: 48

Education: 7th

Size of land holding (in acre): 5 acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Sugarcane	2 ac	1360 q	251600	163600
Field . Crop 2	Paddy	1 ac	25 q	27500	9500
Hort. Crop 1	Coconut	80 No.	5200 No.	104000	85000
Total				3,83,100	2,58,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Sugarcane	2 ac	1740 q	400200	270000	28	65.04
Field . Crop 2	Paddy	1 ac	29 q	42050	22000	16	131
Hort. Crop 1	Coconut	80 No.	6400 No.	153000	132000	23	55.29
Enterprise 1	Value addition to minor millets	-	3.6 q	144000	98000	>100	>100
Total				7,39,250	5,22,000		102.24

Brief: The farmer used to get annual income of Rs. 2,58,100 from paddy coconut and sugarcane . She was facing problems like low yield, stem borer blast disease in paddy. Low yield due to sugarcane root grub., stem bleeding in coconut. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of value addition to minor millet and selling under brand name Surabhi . She is getting annual income of Rs 5,22,000



IPDM in paddy



Marketing of value added products at Krishi mela



Name of farmer: Mamatha w/o Naveenkumar H
Address: Chottanahalli, Srirangapatna tq, mandya,
Karnataka,571430
Karnataka
Age: 35
Education: 7th
Size of land holding (in acre): 2.5

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	0.50 ac	12 q	13200	6300
Field . Crop 2	Sugarcane	2 ac	1400 q	259,000	1,61,000
Total				2,72,200	1,67,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
Field . Crop 1	Paddy	0.5 ac	14 q	19,500	9800	16.7	55.5
Field . Crop 2	Ragi	0.5 ac	9 q	27000	20000	>100	>100
Hort. Crop 1	Tomato	0.5 ac	32 q	6,40,000	5,31,000	>100	>100
Sericulture 1	Sericulture	1 ac	5.4 q	178500	112200	>100	>100
Total				8,65,000	6,73,000		302.27

Brief: The famwomen used to get annual income of Rs.1,67,300 from Sugarcane and paddy She was facing problems like low yield due to improper nutrition, Stem borer, leaf folder, neck blast in paddy, lack of knowledge on nutrient management. With DFI interventions like sugarcane nutrient management, thrash management, IPDM in paddy, introduction of double hybrid silkworm, she is getting annual income of Rs 6,73,000.



IPDM in paddy



Silkworm rearing shed



Name of farmer: Sujatha N w/o Venkatesh

**Address: Chikkankanahalli, manti beedi ,sriranapatna tq ,
mandya Dist, karnataka, 571415**

Karnataka,

Age: 35

Education: PUC

Size of land holding (in acre): 7

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	2 ac	42 q	46,200	28,000
Field . Crop 2	Sugarcane	2 ac	1500 q	2,85,000	1,75,500
Hort. Crop 1	Ragi	2 ac	16 q	51,200	29,500
Total				3,82,400	2,33,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	2 ac	50 q	90,000	37,000	19	32.14
Field . Crop 2	Sugarcane	2 ac	1600 q	4,32,000	3,29,000	6.66	87.46
Hort. Crop 1	Tomato	1 ac	315 q	3,22,000	2,14,000	>100	>100
Sericulture 1	Silkworm Rearing	1 ac	4.80 q	1,92,000	1,11,500	>100	>100
Total				10,36,000	6,91,500		196

Brief: The farmwomen used to get annual income of Rs. 2,33,500 from paddy , ragi and sugarcane . She was facing problems like low yield, stem borer blast disease in paddy, Low yield due to sugarcane root grub., stem bleeding in coconut. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of tomato and sericulture, She is getting annual income of Rs 6,91,500.



Double hybrid Silkworm rearing



IPDM in tomato



Name of farmer: Pratap D. s/o Doddabasappa

Address: Marasinganahalli, Srirangapatna tq, mandya dist.

Karnataka state, 571478

Karnataka

Age: 32

Education: 10

Size of land holding (in acre): 3.0

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	1 ac	22 q	24200	13200
Field . Crop 2	Sugarcane	1 ac	6500 q	117000	78000
Hort. Crop 1	Ragi	1 ac	12 q	21600	16000
Total				1,62,800	1,07,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	1 ac	29 q	40600	22000	31.8	66.7
Field . Crop 2	Sugarcane	1 ac	8500 q	229500	130000	30.8	66.7
Hort. Crop 1	Tomato	0.5 ac	160 q	160000	110000	>100	>100
Sericulture 1	Sericulture	0.5 ac	9.0 q	350000	215000	>100	>100
Total				7,80,100	4,77,000		344.91

Brief: The farmer used to get annual income of Rs1,07,200 from paddy Ragi and sugarcane . He was facing problems like low yield, stem borer blast disease in paddy, Low yield due to sugarcane root grub. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of tomato and sericulture . He is getting annual income of Rs 4,77,000.



IPDM in paddy



Marketing of value added products at Krishi mela



Name of farmer: Geetha w/o Mahesh H B

Address: Honaganahalli, Malavalli Taluk, Mandya Dist, Karnataka, 571424

Karnataka /

Age: 32

Education: SSLC

Size of land holding (in acre): 7.5

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	1.5 ac	32 q	35200	21000
Field . Crop 2	Ragi	1 ac	11 q	19800	14600
Horti.1	Coconut	120 No.	12800 No.	1.92000	141000
Total				2,47,000	1,76,600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	1.5 ac	43 q	60200	29800	34	42
Field . Crop 2	Ragi	1 ac	15 q	45000	32000	36	119
Horti.1	Chilli	1 ac	12 q	130000	56000	>100	>100
Horti.2	Coconut	160 No.	14600 No.	288000	236000	14	67.4
Total				5,23,200	3,53,800		100.00

Brief: The farmer used to get annual income of Rs1,76,600 from paddy , Ragi and coconut. She was facing problems like low yield, stem borer blast disease in paddy, Low yield in ragi due to local variety, stem bleeding in coconut. With DFI interventions like high yielding IPDM in paddy, introduction of high yielding ragi variety Indaf 9 , ICM in chilli, She is getting annual income of Rs 3,53,800.



IPDM in paddy



ICM in Chilli



Name of farmer: Shankariah M E S/o Late Eraiah

Address: Mikkere Village, Malavalli Taluk, Mandya Dist, karnataka, 571430

Karnataka

Age: 49

Education: 7th Std

Size of land holding (in acre): 6.0

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	2 ac	42 q	46200	21500
Field . Crop 2	Ragi	1 ac	12 q	21600	14600
Field. Crop 3	Sugarcane	1 ac	6800 q	122400	74400
Others.1	Cows	2 No.	2160 L	38880	17800
Total				2,29,080	1,28,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	2 ac	53 q	74200	42000	26	95
Field . Crop 2	Ragi	1 ac	15 q	45000	32000	25	119
Field. Crop 3	Sugarcane	1 ac	8500 q	229000	133500	25	79
Horti. Crop 1	Banana	1 ac	140 q	200500	150000	>100	>100
Others.1	Cows	2 No.	2413 L	60325	35000	11.7	96.6
Total				6,09,025	3,92,500		205

Brief: The farmer used to get annual income of Rs1,28,300 from paddy , ragi , sugarcane and dairy . He was facing problems like low yield, blast disease in paddy, Low yield due to sugarcane root grub, poor management practices in dairy . With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of ragi variety KMR 630 and new crop banana (G- 9) . He is getting annual income of Rs 3,92,500.



IPDM in paddy



ICM in Banana(G9)



Name of farmer: Gurumallesha S/o Basavaraju

Address: Mallenahalli Village, Mandya Taluk and Dist, Karnataka, 571430

Karnataka

Age: 39

Education: PUC

Size of land holding (in acre): 5.0

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Sugarcane	2 ac	1000 q	270000	150000
Field . Crop 2	Ragi	1 ac	8 q	25600	13500
Field. Crop 3	Paddy	2 ac	30 q	54000	14000
Total				3,49,600	1,77,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	2 ac	52 q	74000	42500	73.33	203.57
Field . Crop 2	Ragi	1 ac	15 q	46000	33000	87.5	144.4
Field. Crop 3	Sugarcane	2 ac	8400 q	226000	134500	740	-10.33
Horti.Crop 1	Banana	1 ac	140 q	201500	155000	>100	>100
Others.1	Cows	2 No.	2400 L	65000	33000	>100	>100
Total				6,12,500	3,98,000		124.2

Brief: The farmer used to get annual income of Rs1,77,500 from paddy , Ragi and sugarcane . He was facing problems like low yield, neck blast disease in paddy, Low yield due to sugarcane YMD, low yield in ragi due to local variety. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy, introduction of high yielding ragi variety Indaf 9 , banana Elakki banana, He is getting annual income of Rs 3,98,000.



IPDM in paddy



Ragi variety Indaf 9



Name of farmer: M B Shivashankara S/o Bommegowda

Address: Menasagere, Maddur Taluk , Mandya Dist, karnataka, 571422

Karnataka

Age: 36

Education: PUC

Size of land holding (in acre): 4.0

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Sugarcane	1 ac	500 q	87,500	47500
Field . Crop 2	Ragi	1 ac	10 q	19,800	14500
Field. Crop 3	Paddy	2 ac	38 q	44,500	22300
Total				1,51,800	84,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	2 ac	52 q	74000	42500	36.84	90.6
Field . Crop 2	Ragi	1 ac	15 q	46000	33000	50.0	127.6
Field. Crop 3	Sugarcane	1 ac	840 q	147000	107000	68.00	125.26
Others.1	Cows	2 No.	2400 No.	65000	33000	>100	>100
Total				3,32,000	2,15,500	-	155.00

Brief: The farmer used to get annual income of Rs. 84,300 from paddy, ragi and sugarcane . He was facing problems like low yield, stem borer, blast disease in paddy and root grub problem in sugarcane. With DFI interventions like high yielding sugarcane variety VCF 517, IPDM in paddy and introduction of dairy components. He is getting annual income of Rs. 2,15,500.



IPDM in Sugarcane



Introduction of dairy component



Name of farmer: Lakshamma W/o Govindaiah, M. S

Address: Mudagere, Koppa, Maddur Taluk , Mandya Dist, karnataka, 571422

Karnataka

Age: 45

Education: 5th

Size of land holding (in acre): 5

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	1 ac	18 q	19800	9800
Field . Crop 2	Ragi	1 ac	10 q	21000	11000
Field. Crop 3	Sugarcane	1 ac	500 q	80,000	40000
Total				1,20,800	60,800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	1 ac	25 q	42,500	22,500	38.88	129.59
Field . Crop 2	Ragi	1 ac	15 q	45,000	30,000	50.00	172.70
Field . Crop 3	Sugarcane	1 ac	850 q	1,48,920	1,08,920	70.00	172.30
Hort. Crop 1	Marigold	1 ac	40 q	80,000	60,000	>100	>100
Total				3,16,420	2,21,420	-	264.00

Brief: The farmer used to get annual income of Rs. 60,800 from paddy, ragi and sugarcane. She was facing problems like low yield, stem borer and blast disease in paddy and root grub problem in sugarcane. With DFI interventions like high yielding sugarcane variety VCF 517 and IPM for root grub management practices, IPDM in paddy and introduction of Marigold crop during festival seasons. She is getting annual income of Rs 2,21,420.



ICM in Paddy



ICM in Marigold



Name of farmer: G. C. Shivaramu s/o G. S. Channegowda
 Address: Gandalu, V.C. Farm post, Mandya Taluk , Mandya Dist,
 karnataka, 571405
 Karnataka
 Age: 80
 Education: PUC
 Size of land holding (in acre): 8

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field . Crop 1	Paddy	4 ac	88 q	96,800	45,500
Field . Crop 2	Ragi	2 ac	20 q	40,000	28,000
Field. Crop 3	Sugarcane	2 ac	1500 q	2,85,000	1,10,000
Hort. Crop 1	Coconut	60 No.	4200 No.	92,400	77,400
Total				5,14,200	2,60,900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field . Crop 1	Paddy	4 ac	104 q	1,35,200	78,000	18.18	71.42
Field . Crop 2	Ragi	1 ac	14 q	42,000	30,500	-30.0	8.93
Field . Crop 3	Sugarcane	2 ac	1700 q	4,08,000	2,88,000	13	161.81
Hort. Crop 1	Coconut	60 No.	4410 No.	1,01,430	83,430	5	7.80
Hort. Crop 2	Banana	1 ac	140 q	2,30,000	1,60,000	>100	>100
Hort. Crop 2	Coconut nursery	-	1000 No.	1,50,000	1,15,000	>100	>100
Total				10,66,630	7,54,930		189.4

Brief: The farmer used to get annual income of Rs. 2,60,900 from paddy, Ragi , coconut and sugarcane. He was facing problems like low yield, stem borer and blast disease in paddy and root grub problem in sugarcane, mite infestation in coconut. With DFI interventions like high yielding sugarcane variety VCF 517 and IPDM practices in paddy and IPM in coconut and introduction of Banana crop with new technologies like use of banana special, bunch feeding technologies and coconut seedling raising and selling, He is getting annual income of Rs 7,54,930.



Coconut nursery



ICM in Banana



Name of farmer: Manohar, H. R. S/O Ramachandra H M
Address: Hadya , MandyaTq, Mandya, Karnataka, 571405
Karnataka
Age: 28
Education: BA
Size of land holding (in acre): 3Acre

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1200 q	2,28,000	1,40,000
Field Crop 2	Paddy	1 ac	22 q	24,000	10,200
Total				2,52,000	1,50,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1700 q	4,08,000	2,60,000	41.7	85.71
Field Crop 2	Paddy	1 ac	27 q	35,000	22,500	22.7	120.58
Livestock 1	Cows	3 No.	2075 L	45,650	35,070	>100	>100
Other enterprise 1	Kitchen garden	0.05 ac	3.2 q	12,800	9,300	>100	>100
Total				5,01,450	3,26,870		117.6

Brief: The farmer used to get annual income of Rs.1,50,200 from Sugarcane and paddy. He was facing problems like low yield due to improper nutrition, improper trash management in sugarcane, Stem borer, leaf folder, neck blast in paddy. With DFI interventions like sugarcane nutrient management, trash management, IPDM in paddy, introduction kitchen garden and dairy , he is getting annual income of Rs 3,26,870.



Sugarcane variety VCF 0517 with wider row spacing



Dairy Component



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Anand S/o Gundayya
Address: Thaggahalli village, Maddur Taluk,
Mandya district, Karnataka-571425
Karnataka
Age: 55
Education: SSLC
Size of land holding (in acre): 10.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane Var VCF0517	6.00 ac	4200 q	9,24,000.00	7,92,000.00
Field Crop 2	Paddy Var MTU 1001	2.00 ac	30 q	61,600.00	31,600.00
Field Crop 3	Ragi Var Indaf 7	2.00 ac	24 q	43,200.00	22,200.00
Total		10 ac	4254 q	10,28,800.00	8,45,800.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane Var CoVC 18061	6.00 ac	5100 q	17,85,000.00	16,05,000.00	21.42	102.65
Field Crop 2	Paddy Var MSN 99	2.00 ac	56 q	1,23,200.00	73,200.00	86.66	131.64
Field Crop 3	Ragi Var KMR 630	2.00 ac	28 q	89,600.00	59,600.00	16.67	168.47
Total		10.00 ac	5184 q	19,97,800.00	17,37,800.00		105.4

Brief: The farmer used to get annual income of Rs. 8,45,800 from sugarcane, paddy and ragi. He faced problems like low yielding variety, high cost of inputs, not following ICM practices. With DFI interventions like improved short duration varieties and practices of ICM he is getting annual income of Rs 17,37,800.



Demonstration on Ragi variety KMR 630



Introduction of Sugarcane variety CoVC 18061



Name of farmer: Channagowda S/o Boregowda

Address: Mallanayakanakatte village, Mandya

Taluk, Mandya district, Karnataka-571405

Karnataka

Age: 44

Education: 5th std

Size of land holding (in acre): 2.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy var MTU 1001	1.50 ac	33 q	46,200.00	28,200.00
Livestock 1	Sheep (Grazing)	10 No.	2.20 q	55,000.00	45,000.00
Total				1,01,200.00	73,200.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy var. Gangavathi sona	1.50 ac	42 q	1,92,000.00	82,200.00	27.27	191.4
Livestock 1	Sheep with stall feeding	30 No.	7.50 q	3,75,000.00	3,55,000.00	240.90	688.89
Total				5,67,000.00	4,37,200.00		496.9

Brief: The farmer used to get annual income of Rs 73,200 from paddy & sheep rearing by following grazing practices. He faced problems like pest and disease incidence, low yield, lack of awareness regarding resistant hybrids. With DFI interventions like ICM and sheep rearing with stall feeding practices he is getting annual income of Rs 4,37,200.00



Stall feeding Sheep



ICM in paddy



Name of farmer: Madhuvardhan S/o Nagalingegowda
Address: Thandasanahalli village, Mandya Taluk, Mandya district, Karnataka-571401 Karnataka
Age: 30
Education: SSLC
Size of land holding (in acre): 3.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy Var Tanu	1.00 ac	24 q	43,200.00	30,200.00
Field Crop 2	Sugarcane	2.00 ac	1400 q	2,52,000.00	2,22,000.00
Total				2,95,200.00	2,52,200.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 acre	900 q	2,52,000.00	2,27,000.00	-35.7	2.25
Horticulture Crop 1	Tomato	1.00 acre	32 q	6,40,000.00	5,60,000.00	>100	>100
Livestock 1	Goat with stall feeding	30 No	12 q	7,20,000.00	6,85,000.00	>100	>100
Total				16,12,000.00	14,72,000.00	-	483.60

Brief: The farmer used to get annual income of Rs 2,52,200 from paddy & sugarcane. He faced problems like low yield, lack of awareness regarding resistant hybrids and IFS practice. With DFI interventions like ICM and goat rearing with stall feeding practices he is getting annual income of Rs 14,72,000



Fodder- Hybrid Napier



Goat with stall feeding



Name of farmer: Nagaraju S/o Siddappa
Address: Thandasanahalli village, Mandya
 Taluk, Mandya district, Karnataka-571401
 Karnataka
Age: 55
Education: SSLC
Size of land holding (in acre): 2.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy Var Tanu	0.50 ac	13 q	23,400.00	15,400.00
Field Crop 2	Sugarcane Var VCF 0517	1.00 ac	600 q	1,08,000.00	70,000.00
Field Crop 2	Ragi Var Indaf 7	0.50 ac	6 q	12,000.00	5000.00
Total				1,43,400.00	90,400.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi Var KMR 301	0.50 ac	8 q	25,600.00	15,600.00	33.33	212
Field Crop 3	Paddy Var. VCF 0517	0.50 ac	45	1,26,000.00	1,04,000.00	246.15	575.32
Livestock 1	Cow	2 No.	6480 lit	1,55,520.00	1,00,520.00	>100	>100
Livestock 2	Goat	1 No.	0.40 q	24,000.00	22,000.00	>100	>100
Total				3,31,120	2,42,120.00	-	167.83

Brief: The farmer used to get annual income of Rs 90400 from paddy & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 2,42,120.



Fodder sorghum



Introduction of Goat component



Name of farmer: Mahesh S/o Gokarna
Address: Thandasanahalli village, Mandya
Taluk, Mandya district, Karnataka-571401
Karnataka
Age: 44
Education: SSLC
Size of land holding (in acre): 4.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy Var BR 2655	1.00 ac	24 q	43,200.00	21,200.00
Field Crop 2	Sugarcane Var VCF 0517	2.00 ac	1400 q	2,52,000.00	1,92,000.00
Field Crop 3	Ragi Var Indaf 9	1.00 ac	12 q	24,000.00	12,000.00
Total				3,19,200.00	2,25,200.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.00 ac	1800	5,04,000.00	3,84,000.00	28.57	100
Hort. Crop 3	Banana	1.50 ac	540 q	8,10,000.00	6,10,000.00	>100	>100
Livestock 1	Cow	1 No.	3240 lit	77,760.00	50,260.00	>100	>100
Livestock 2	Goat	2 No.	0.80 q	48,000.00	44,000.00	>100	>100
Total				14,39,760.00	10,88,260.00		383.2

Brief: The farmer used to get annual income of Rs 2,25,200 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 10,88,260.00.



ICM in Banana



Fodder- Hybrid Napier



Name of farmer: Krishna S/o Devamma
Address: Holalu village, Mandya Taluk, Mandya district, Karnataka-571402
Karnataka
Age: 55
Education: SSLC
Size of land holding (in acre): 3.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi Var Indaf 7	1.00 ac	12 q	21600.00	13,600.00
Field Crop 2	Sugarcane Var VCF 0517	1.00 ac	650 q	1,18,300.00	88,300.00
Field Crop 3	Paddy Var MTU 1001	1.00 ac	22 q	39,600.00	24,600.00
Total				1,79,500.00	1,26,500.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.00 ac	1800 q	5,04,000.00	4,14,000.00	176.90	368.66
Livestock 1	Cow	5 No	11,520 lit	2,76,480.00	1,76,480.00	>100	>100
Total				7,80,480.00	5,90,480.00		366.78

Brief: The farmer used to get annual income of Rs 1,26,500 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 590480



Introduction of diary component



ICM in Sugarcane

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

Name of farmer: Devaraju S/o Ninganna
Address: Thandasanahalli village, Mandya
Taluk, Mandya district, Karnataka-571401
Karnataka
Age: 36
Education: B.Com
Size of land holding (in acre): 2.00

**1) Before Intervention (Baseline period 2016-17)**

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane Var VCF 0517	1.00 ac	700 q	1,26,000.00	91,000.00
Field Crop 2	Paddy Var MTU 1001	1.00 ac	22q	39,600.00	24,600.00
Total				1,65,600.00	1,15,600.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	800	2,24,000.00	1,64,000.00	14.28	80.21
Field Crop 2	Paddy Var Tanu	1.00 ac	26	57,200.00	37,200.00	18.18	52.21
Livestock 1	Cow	2 No	5,0040 L	1,20,960.00	1,00,960.00	>100	>100
Total				4,02,160.00	3,02,160.00		161.38

Brief: The farmer used to get annual income of Rs 1,15,600.00 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 3,02,160.00.

**ICM in paddy****ICM in Sugarcane**

Name of farmer: Srinivas S/o Boregowda
Address: Mallanayakanakatee village, Mandya
Taluk, Mandya district, Karnataka-571405
Karnataka Age: 45 Education: 7th
Size of land holding (in acre): 2.00



1) (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane Var VCF 0517	1.00 ac	700 q	1,26,000.00	91,000.00
Field Crop 2	Paddy Var MTU 1001	1.00 ac	22 q	39,600.00	24,600.00
Total				1,65,600.00	1,15,600.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Enterprise 1	Mulberry/Silkworm	1.0 acre	82kg/crop, 6 crops/annum	1,47,600.00	1,23,000.00	>100	>100
Enterprise 2	Goat	15 No	450	2,25,000.00	1,50,000.00	>100	>100
Total				3,72,600.00	2,73,000.00		136.15

Brief: The farmer used to get annual income of Rs 115600 from paddy and sugarcane He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 273000.



Introduction of Goat component



Fodder- Hybrid Napier



Name of farmer: Dhananjaya S/o Ramakrishna

Address: Thandasanahalli village, Mandya

Taluk, Mandya district, Karnataka-571401

Karnataka,

Age: 40

Education: BA

Size of land holding (in acre): 1.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi Var Indaf 9	0.50 ac	7 q	12,600.00	7,600.00
Field Crop 2	Paddy Var BR 2655	0.50 ac	14 q	25,200.00	16,200.00
Total				37,800.00	23,800.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy Var. Gangavathi sona	0.50 ac	16 q	35,200.00	23,200.00	14.28	43.20
Hort. Crop 1	Banana	0.50 ac	180 q	2,70,000.00	1,80,000.00	>100	>100
Total				3,05,200.00	2,03,200.00		753.78

Brief: The farmer used to get annual income of Rs 23,800 from paddy & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and crop diversification he is getting annual income of Rs 2,03,200.00.



ICM in paddy



Crop diversification-Introduction of Banana crop



Name of farmer: Srinivas S/o Jayaramu
Address: Thandasanahalli village, Mandya Taluk, Mandya district, Karnataka-571401 Karnataka,
Age: 42
Education: SSLC
Size of land holding (in acre): 2.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.00 ac	700 q	1,26,000.00	71,000.00
Field Crop 2	Paddy Var Tanu	1.00 ac	26 q	46,800.00	28,800.00
Total				1,72,800.00	99,800.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.00 ac	900 q	2,52,000.00	1,82,000.00	28.57	156.33
Hort. Crop 1	Banana	1.00 ac	360 q	5,40,000.00	4,15,000.00	>100	>100
Total				7,92,000.00	5,97,000.00		498.19

Brief: The farmer used to get annual income of Rs 99,800 from paddy and sugarcane. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and crop diversification he is getting annual income of Rs 5,97,000.00.



Crop diversification - Cultivation of Banana

ICM in sugarcane



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Mahesh S/o Singrigowda
 Address: Kothathi village, Srirangapatna Taluk,
 Mandya district, Karnataka-571478
 Karnataka
 Age: 52
 Education: BA
 Size of land holding (in acre): 2.00

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	700 q	1,26,000.00	81,000.00
Field Crop 2	Paddy Var MTU 1001	1.0 ac	24 q	43,200.00	28,200.00
Total				1,69,200.00	1,09,200.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.0 ac	900 q	2,52,000.00	1,97,000.00	28.57	143.20
Field Crop 1	Paddy Var Tanu	0.5 ac	14 q	30,800.00	18,800.00	16.67	-33.33
Hort. Crop 1	Jasmine	0.5 acre	6.5	3,25,000.00	2,50,000.00	>100	>100
Total				6,07,800.00	4,65,800.00		326.56

Brief: The farmer used to get annual income of Rs 1,09,200 from paddy and sugarcane . He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and crop diversification he is getting annual income of Rs 4,65,800.



ICM in sugarcane



Crop diversification: Cultivation of Jasmine



Name of farmer: Siddegowda S/o Lingegowda

Address: Nelamakanahalli, Malavalli Taluk,
Mandya, Karnataka-571430

Karnataka Age: 50 Education: Nil

Size of land holding (in acre): 3.0 acre

1) Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	650 q	1,17,000.00	72,000.00
Field Crop 2	Paddy Var Tanu	2.0 ac	48 q	86,400.00	56,400.00
Total				2,03,400.00	1,28,400.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 acre	1800 q	5,04,000.00	3,94,000.00	176.9	447.22
Field Crop 1	Paddy Var Gangavathi sona	0.5 acre	16 q	35,200.00	23,200.00	-66.7	-58.87
Livestock 1	Goat	5 No.	1.50 q	75,000.00	60,000.00	>100	>100
Livestock 2	Sheep	1 No.	0.30 q	15,000.00	12,000.00	>100	>100
Total				6,29,200.00	4,89,200.00		281.00

Brief: The farmer used to get annual income of Rs. 1,28,400 from paddy and sugarcane .He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 4,89,200.



ICM in paddy



Introduction of Goat component



Effect of DFI intervention

Name of KVK: Mandya

Name of farmer: Sarala S/o Siddegowda
Address: Nelamakanahalli, Malavalli Taluk,
 Mandya district, Karnataka-571430
Karnataka
Age: 36
Education: 6th
Size of land holding (in acre): 3

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy Var IR 64	2.0 ac	24 q	43,200.00	23,200.00
Hort. Crop 1	Banana	1 ac	240 q	2,70,000.00	1,80,000.00
Total				3,13,200.00	2,03,200.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy Var Gangavathisona	0.5 ac	13 q	28,600.00	16,600.00	-45.8	-28.45
Hort. Crop 1	Banana	1.50 ac	540 q	5,40,000.00	3,80,000.00	50	111.11
Livestock 1	Buffalo	1.0 No.	540 L	16,200.00	12,200.00	>100	>100
Total				5,84,800.00	4,08,800.00		101.18

Brief: The farm women used to get annual income of Rs 2,03,200.00 from cultivation of paddy. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices she is getting annual income of Rs 4,08,800.00



Livestock enterprise - Buffalo



ICM in Banana

Name of farmer: Nagalingegowda S/o Karigowda

Address: Thandasanahalli, Mandya Taluk,

Mandya district, Karnataka-571401

Karnataka

Age:73 Education: SSLC

Size of land holding (in acre): 2.50



1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	650 q	1,17,000.00	89,000.00
Field Crop 2	Paddy Var MTU 1001	1 ac	22 q	39,600.00	21,600.00
Field crop 3	Ragi Var Indaf 7	0.50 ac	7 q	12,600.00	7,600.00
Total				1,69,200.00	1,18,200.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.50 ac	1400 q	3,92,000.00	3,17,000.00	115.38	256.18
Field. Crop 1	White Ragi var KMR 340	0.50 ac	7 q	35,000.00	27,000.00	-	255.26
Live stock 1	Goat	25 No.	875 q	4,37,500.00	3,07,500.00	>100	>100
Total				8,64,500.00	6,51,500.00		521.44

Brief: The farmer used to get annual income of Rs 1,18,200 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 6,51,500.



Introduction of Goat enterprise



Demonstration on White Ragi KMR 340



Name of farmer: Sagar S/o Ramalinegowda
Address: Thandasanahalli, Mandya Taluk,
Mandya district, Karnataka-571401
Karnataka Age: 26
Education: BE
Size of land holding (in acre): 3

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	750 q	1,35,000.00	95,000.00
Field Crop 2	Paddy Var BR 2655	1 ac	24q	43,200.00	25,200.00
Field crop 3	Ragi Indaf 7	1 ac	12 q	21,600.00	11,600.00
Total				1,99,800.00	1,31,800.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1800 q	5,04,000.00	4,14,000.00	140	335.79
Field crop 2	Paddy var Tanu	0.5 ac	14 q	30,800.00	18,800.00	-41.7	-25.4
	Fodder Hybrid Napier	0.5 ac	400 q	--	-	>100	>100
Livestock 1	Cow	3 No.	8640 L	2,07,360.00	1,27,360.00	>100	>100
Total				7,42,160.00	5,60,160.00		325.00

Brief: The farmer used to get annual income of Rs 1,31,800 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 5,60,160.



Introduction of dairy enterprise



Fodder- Hybrid Napier



Name of farmer: Jagadeesha S/o Patel Nangegowda

Address: Shettahalli, Maddur Taluk, Mandya district, Karnataka-571422

Karnataka

Age: 56

Education: SSLC

Size of land holding (in acre): 3

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	650 q	1,17,000.00	77,000.00
Field Crop 2	Paddy Var IR 64	1 ac	20 q	34,000.00	21,000.00
Field crop 3	Ragi Infad 7	1 ac	12 q	21,600.00	13,600.00
Total				1,72,600.00	1,11,600.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1700 q	4,76,000.00	3,66,000.00	161.5	375.32
Field crop 1	Paddy Gangavathi sona	0.5 ac	12 q	26,400.00	16,400.00	-40.0	-21.9
Fodder Crop 1	Hybrid Napier	0.5 ac	400 q	-	-	>100	>100
Livestock 1	Goat	4 No.	1.20 q	54,000.00	41,000.00	>100	>100
Livestock 2	Cow	4 No.	10,080 L	2,41,920	1,61,920.00	>100	>100
Total				7,98,320.00	5,85,320.00		424.48

Brief: The farmer used to get annual income of Rs 1,11,600 from paddy, sugarcane & ragi. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 5,85,320.



Introduction of Goat enterprise



Introduction of diary enterprise

Name of farmer: Shivananjappa S/o Mallappa

Address: Machalli, Mandya Taluk, Mandya district, Karnataka-571405

Karnataka Age:60

Education: 5th

Size of land holding (in acre): 3

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1300 q	2,34,000.00	1,54,000.00
Field Crop 2	Paddy Var MTU 1001	1 ac	22 q	39,600.00	27,600.00
Total				2,73,600.00	1,81,600.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.5 ac	1400 q	3,92,000.00	3,10,000.00	7.7	101.3
Field Crop 2	Maize	0.5 ac	16 q	32,000.00	26,000.00	>100	>100
Field crop 3	Fieldbean	1 ac	8.00 q	96,000.00	83,000.00	>100	>100
Total				5,20,000.00	4,19,000.00		130.7

Brief: The farmer used to get annual income of Rs 1,81,600 from paddy and sugarcane. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS Practices . With DFI interventions like ICM and crop diversification he is getting annual income of Rs 4,19,000.00



Demonstration on ICM in Field bean



Field day on Demonstration of ICM Maize

Effect of DFI intervention



Name of farmer: Jeevan S/o Muddiah
Address: Madla, Mandya Taluk, Mandya district, Karnataka- 571405
Karnataka
Age: 37
Education: SSLC
Size of land holding (in acre): 2

1) Before Intervention (Baseline period 2016-17)

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	700 q	1,26,000.00	76,000.00
Field Crop 2	Paddy Var MTU 1001	1 ac	22 q	39,600.00	27,600.00
Total				1,65,600.00	1,03,600.00

2) Status in 2020

Component Description-		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy var Tanu	0.5	14	30,800.00	16,800.00	27.30	21.7
Field Crop 1	Sugarcane	1	900	2,52,000.00	1,92,000.00	28.57	152.63
Livestock 1	Goat	2 No.	0.50	25,000.00	20,000.00	>100	>100
Live stock 2	Sheep	10. No.	2.50	1,12,500.00	97,500.00	>100	>100
Total				4,20,300.00	3,26,300.00		215

Brief: The farmer used to get annual income of Rs 1,03,600 from paddy and sugarcane. He faced problems like, low yield, lack of awareness regarding high yielding varieties and IFS practices. With DFI interventions like ICM and IFS practices he is getting annual income of Rs 3,26,300.



Introduction of goat enterprise



ICM in paddy

Effect of DFI intervention



Name of farmer: Keshava T. N. s/o Nagalingegowda
Address: Thandasanahalli, Mandya Tq. 571403
Karnataka
Age: 29
Education: B.B.M.
Size of land holding (in acre): 4.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1000 q	2,70,000	1,50,000
Field Crop 2	Paddy	2 ac	30 q	54000	14,000
Hort. Crop 1	Bhendi	0.5 ac	30.10 q	75,000	30,000
Total				3,99,000	1,94,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1600 q	4,32,000	3,32,000	60	121
Field Crop 2	Paddy	2 ac	50 q	90,000	35,000	66.67	150
Hort. Crop 1	Bhendi (var. Arka nikitha)	0.5 ac	45 q	1,12,500	67,500	49.50	125
Total				6,34,500	4,34,500	-	123.96

Brief: The farmer used to get annual income of Rs. 1,94,000 from Sugarcane, paddy and bhendi. He was facing problems like low yield, thrash management in sugarcane, Paddy neck blast and BPH problem. With DFI interventions like IPDM in paddy and sugarcane, introducing a high yielding and YMV tolerant hybrid (Arka Nikitha), he is getting annual income of Rs. 4,34,500. Bhendi



Bhendi field visit



ICM in Bhendi

Effect of DFI intervention



Name of farmer: Niranjan H. S. s/o Shivaramu H. B.
Address: Honnayakanahalli, Mandya Tq., karnataka, 571422
Karnataka
Age: 38
Education: BA
Size of land holding (in acre): 4.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0 ac	16 q	27,200	10,200
Hort. Crop 1	Banana	1.5 ac	170 q	4,25,000	2,50,000
Hort. Crop 2	Lime	1.0 ac	70 q	1,75,000	1,00,000
Hort. Crop 3	Sapota	1.0 ac	45 q	1,35,000	1,00,000
Total				7,62,200	4,60,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.0 ac	25 q	42,500	22,500	56.3	120.06
Hort. Crop 1	Banana	1.5 ac	260 q	6,50,000	5,00,000	52.94	100.00
Hort. Crop 2	Lime (var. Balaji)	1.0 ac	100 q	2,50,000	2,00,000	42.85	100.00
Hort. Crop 3	Sapota (var. Cricket ball)	1.0 ac	80 q	2,40,000	2,00,000	77.77	100.00
Total				11,82,500	9,22,500	-	100.45

Brief: The farmer used to get annual income of Rs. 4,60,200 from paddy, banana, lime and sapota. He was facing problems like Sheath blight, stem borer in paddy, sigataoka leaf spot and panama wilt in banana, white fly, flat limb and sooty mold in sapota. With DFI interventions like IPDM practices in paddy, Banana, lime and sapota, he is getting annual income of Rs. 9,22,500.



ICM in lime and sapota



ICM in Banana

Effect of DFI intervention



Name of farmer: Sathish s/o Kullumanchaya
Address: Holalu, Mandya Tq., karnataka, 571402
Karnataka
Age: 42
Education: SSLC
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1 ac	510 q	1,37,000	77,000
Field Crop 2	Paddy	1 ac	16 q	27,200	7200
Hort. Crop 1	Betelvine	1 ac	90 Pindi	1,80,000	98,350
Total				3,44,200	1,82,550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1 ac	800	2,16,000	1,56,000	56.86	102.00
Field Crop 2	Paddy	1 ac	25	42,500	22,500	56.3	212.50
Hort. Crop 1	Betelvine	1 ac	120 Pindi	2,40,000	2,00,000	33.33	103.35
Total				4,98,500	3,78,500	-	107.34

Brief: The farmer used to get annual income of Rs. 1,82,550 from Sugarcane, paddy and Betelvine. He faced problems like wilt disease in vine, blast in paddy, nutrient and thrash management in paddy. With DFI interventions like ICM in betel vine by using low cost effective inputs (viz., Trichoderma, Arka Microbial Consortia), IPDM in paddy, INM in sugarcane with soil test based nutrient management. he is getting annual income of Rs. 3,78,500.



ICM in Betelvine



AMC application to betelvine

Effect of DFI intervention



Name of farmer: Shivannegowda s/o Channegowda

Address: Margowdanahalli, Mandya Tq., 571446

Karnataka

Age: 52

Education: 8th

std

Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	16 q	27,200	12,200
Hort. Crop 1	Banana	1 ac	100.50 q	2,51,250	1,50,000
Hort. Crop 2	Papaya	1 ac	250 q	1,75,000	1,00,000
Total				4,53,450	2,62,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	23 q	39,100	25,000	43.75	104.91
Hort. Crop 1	Banana	1 ac	160 q	4,00,000	3,00,000	59.20	100.00
Hort. Crop 2	Papaya (var. Red lady)	1 ac	380 q	2,66,000	2,06,000	52.00	106.00
Total				7,05,100	5,31,000	-	102.51

Brief: The farmer used to get annual income of Rs. 2,62,200 from paddy, banana and papaya. He faced problems like neck blast, Gundi bug and ring spot virus in papaya, low yield due to salt affected field and panama wilt in banana. With DFI interventions like IPDM practices in Paddy, ICM in Banana and papaya, he is getting annual income of Rs. 5,31,000.



Field visit

Effect of DFI intervention



Name of farmer: Shivaiah s/o Javaraiah
Address: Hulikerekopplu, Mandya Tq. 571606
Karnataka
Age: 47
Education: PUC
Size of land holding (in acre): 6

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1000 q	2,70,000	1,90,000
Hort. Crop 1	Guava	1 ac	50 q	2,00,000	1,50,000
Hort. Crop 2	Drumstick	3 ac	80 q	3,20,000	2,40,000
Total				7,90,000	5,80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1600 q	4,40,000	3,80,000	60.00	100.00
Hort. Crop 1	Guava (HDP)	1 ac	100 q	4,00,000	3,50,000	100.00	133.00
Hort. Crop 2	Drumstick	3 ac	150 q	6,00,000	5,10,000	87.50	112.50
Total				14,40,000	12,40,000	-	113.79

Brief: The farmer used to get annual income of Rs. 5,80,000 from Sugarcane, guava (HDP) and drumstick. He faced problems like high sugarcane root grub, thrips damage in guava. With DFI interventions like ICM practices (proper pruning and training) in guava (HDP), drumstick and trash management in Sugarcane and Integrated root grub management, he is getting annual income of Rs. 12,40,000.



High density planting of Guava



ICM in drumstick

Effect of DFI intervention



Name of farmer: Chikkayaswamy s/o Chikkanna

Address: Machahalli, Mandya Tq.571476

Karnataka Age:25

Education: PUC

Size of land holding (in acre): 3.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	800 q	1,36,000	80,000
Hort. Crop 1	Banana	1 ac	300 q	1,50,000	90,000
Hort. Crop 2	Ridge Gourd	0.5 ac	15 q	30,000	10,000
Total				3,16,000	1,80,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1200 q	2,04,000	1,64,000	50.00	105.00
Hort. Crop 1	Banana	1 ac	450 q	2,25,000	1,85,000	50.00	105.55
Hort. Crop 2	Ridge Gourd (var. Arka prasana)	0.5 ac	20 q	40,000	25,000	33.33	150.00
Total				4,69,000	3,74,000	-	107.77

Brief: The farmer used to get annual income of Rs. 1,80,000 from Sugarcane, Banana and ridge gourd. He faced problems like low yield in sugarcane, trash burning, wooly aphid problem, flower dropping and downy mildew in ridge gourd, panama wilt in banana. With DFI interventions like soil test based nutrient management, trash management, IPDM in sugarcane, banana and use of vegetable special, neem soap, fruit fly trap and yellow sticky trap in ridge gourd. he is getting annual income of Rs. 3,74,000.



ICM in Banana



ICM in Ridge gourd



Name of farmer: Shivalingaiah H N S/o Neraliaiah.
Address: Hadya, Mandya Tq., Karnataka, 571405
Karnataka
Age: 46
Education: SSLC
Size of land holding (in acre): 4

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	800 q	1,36,000	75,000
Field Crop 2	Paddy	1 ac	15 q	25,500	10,000
Hort. Crop 1	Ginger	1 ac	60 q	2,40,000	1,40,000
Total				4,01,500	2,25,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1200 q	2,04,000	1,60,000	50.00	113.33
Field Crop 2	Paddy	1 ac	25 q	42,500	20,000	66.66	100.00
Hort. Crop 1	Ginger	1 ac	95 q	3,80,000	2,90,000	58.33	107.14
Total				6,26,500	4,70,000	-	108.88

Brief: The farmer used to get annual income of Rs. 2,25,000 from Sugarcane, paddy and ginger. He faced problems like low yield due to nutrient and selection of improper variety and rhizome rot, leaf spot in Ginger. With DFI interventions like soil test based fertilizer application in sugarcane with proper thrash management, IPDM in ginger (using Ginger rich), paddy and sugarcane, he is getting an income of Rs. 4,70,000.



ICM in Ginger

Effect of DFI intervention



Name of farmer: Ravikumar B. J. s/o Jayanna B. H.
Address: Bidrukatte, Mandya Tq., Karnataka ,
571455 Karnataka
Age: 26
Education: PUC
Size of land holding (in acre): 5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2 ac	16 q	51,200	26,200
Field Crop 2	Pigeon pea	1 ac	4 q	28,000	18,000
Hort. Crop 1	Tomato	1 ac	200 q	2,00,000	90,000
Hort. Crop 2	Cabbage	1 ac	80 q	80,000	50,000
Livestock 1	Poultry	250 No.	4000 No.	24,000	10,000
Total				3,83,200	1,94,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2 ac	26 q	83,200	58,200	62.50	122.13
Field Crop 2	Pigeon pea	1 ac	7 q	49,000	40,000	75.00	122.22
Hort. Crop 1	Tomato (Arka rakshak)	1 ac	320 q	3,20,000	2,20,000	60.00	144.44
Hort. Crop 2	Cabbage	1 ac	120 q	1,20,000	1,00,000	50.00	100.00
Livestock 1	Poultry (BV-380)	250 No.	6000 No.	36,000	22,000	50.00	120.00
Total				6,08,200	4,40,200	-	126.67

Brief: The farmer used to get annual income of Rs. 1,94,200 from Ragi, pigeon pea, tomato, cabbage and poultry. He faced problems like low yield in ragi due to finger blast, pin worm in tomato, diamond back moth in cabbage. With DFI interventions like introduction of high yielding ragi variety Indaf 7, IPM in tomato (Arka rakshak) and cabbage, he is getting annual income of Rs. 4,40,200.



BV-380 Poultry farm



Pigeon pea plot

Effect of DFI intervention



Name of farmer: Poornima M. H. w/o Shivakumar M. T.
Address: Margowdanahalli, Mandya Tq., Karnataka
571446
Karnataka
Age: 35
Education: SSLC
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0 ac	16 q	27,200	10,200
Field Crop 2	Sugarcane	1.0 ac	520 q	1,35,000	76,000
Hort. Crop 1	Banana	1.0 ac	150 q	3,75,000	2,00,000
Total				5,37,200	2,86,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.0 ac	25 q	42,500	22,500	56.25	120
Field Crop 2	Sugarcane	1.0 ac	780 q	2,20,000	1,56,000	50.0	105.26
Hort. Crop 1	Banana	1.0 ac	200 q	5,00,000	4,00,000	33.33	100
Total				7,62,500	5,78,500	-	102.13

Brief: The farmer used to get annual income of Rs. 2,86,200 from paddy, sugarcane and banana. She was facing problems like sheath blight, stem borer, blast, BPH, high cost of pesticides. Sigatoka leaf spot in banana. With DFI interventions like IPDM in paddy and sugarcane . IDM in banana, use of banana special, bunch feeding technique, she is getting annual income of Rs. 5,78,500.



ICM in Banana



Interaction with farm women

Effect of DFI intervention



Name of farmer: Nagamani w/o K. Kumar
Address: Haniambadi, Mandya Tq. 571403
Karnataka
Age: 36
Education: SSLC
Size of land holding (in acre): 2

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	500 q	87,500	55,000
Field Crop 2	Paddy	1.0 ac	15 q	28,500	8500
Hort. Crop 1	Brinjal	1.0 ac	100 q	2,00,000	1,25,000
Livestock 1	Cow	2.0 No.	1800 L	54,000	24,000
Total				3,70,000	2,12,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.0 ac	800 q	1,40,000	1,10,000	60.00	100.00
Field Crop 2	Paddy	1.0 ac	25 q	47,500	27,500	66.7	223.52
Hort. Crop 1	Brinjal	1.0 ac	180 q	3,60,000	2,80,000	80.00	124.00
Livestock 1	Cow	2.0 ac	2500 L	75,000	50,000	38.88	108.33
Total				6,22,500	4,67,500	-	120.00

Brief: The farmer used to get annual income of Rs. 2,12,500 from Sugarcane, paddy, brinjal and cow. She was facing problems like fruit and shoot borer in brinjal, internode borer in sugarcane, paddy neck blast. With DFI interventions like soil test based fertilizer application, IPDM in paddy and sugarcane and brinjal by using low cost technologies, she is getting annual income of Rs. 4,67,500.



Interaction with farm women



ICM in Brinjal

Effect of DFI intervention



Name of farmer: Revanna s/o Ramakrishna H. C.

Address: Hadya, Mandya Tq., 471405

Karnataka

Age: 37

Education:

SSLC

Size of land holding (in acre): 2

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	500 q	87,500	62,500
Hort. Crop 1	Banana	1.0 ac	100 q	4,00,000	2,50,000
Total				4,87,500	3,12,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.0 ac	800 q	1,40,000	1,25,000	60.00	100
Hort. Crop 1	Banana	1.0 ac	140 q	5,60,000	5,00,000	40.00	100
Total				7,00,000	6,25,000	-	100.00

Brief: The farmer used to get annual income of Rs. 3,12,500 from Sugarcane and banana. He faced problems like lack of information about high yielding variety, and low nutrient management, banana stem weevil, improper bunch development. With DFI interventions like introduction of high yielding sugarcane variety VCF 0517, with proper thrash and nutrient management in sugarcane, use of banana special , bunch feeding technique, IPM practices and direct marketing to consumers, he is getting annual income of Rs. 6,25,000.



ICM in Sugarcane



ICM in Banana

Effect of DFI intervention



Name of farmer: Shivanna s/o Chikkalingappa
Address: Jayapura, Mandya Tq., Karnataka, 571405
Karnataka
Age: 34
Education: SSLC
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.0 ac	800 q	1,40,000	1,00,000
Hort. Crop 1	Ridge gourd	1.0 ac	30 q	75,000	50,000
Total		3.0 ac		2,15,000	1,50,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.0 ac	1500 q	2,62,500	2,00,000	87.50	100.00
Hort. Crop 1	Ridge gourd (var. Arka prasana)	1.0 ac	50 q	1,25,000	1,00,000	66.66	100.00
Total		3.0 ac		3,87,500	3,00,000	-	100.00

Brief: The farmer used to get annual income of Rs. 1,50,000 from Sugarcane and ridge gourd. He faced problems like low yield due to poor soil fertility, improper nutrient management in sugarcane and downy mildew in ridge gourd. With DFI interventions like ICM practices in sugarcane (trash management) and introduction of Arka prasana ridge gourd variety, he is getting annual income of Rs. 3,00,000.



Ridge gourd seed treatment and sowing to protray



Interaction with farmers

Effect of DFI intervention



Name of farmer: Rajendra M. s/o Mahadevappa
Address: Machahalli, Mandya Tq. Karnataka 571476
Karnataka
Age: 45
Education: 7th Std
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.0 ac	1000 q	2,70,000	1,50,000
Hort. Crop 1	Banana	1.0 ac	300 q	1,50,000	90,000
Total				4,20,000	2,40,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.0 ac	1600 q	4,32,000	3,32,000	60.00	121.00
Hort. Crop 1	Banana	1.0 ac	450 q	2,25,000	1,85,000	50.00	105.55
Total				657000	5,17,000	-	115.41

Brief: The farmer used to get annual income of Rs. 2,40,000 from Sugarcane and banana. He faced problems like lack of information about high yielding variety, and low nutrient management, panama wilt in banana improper bunch development. With DFI interventions like introduction of high yielding sugarcane variety VCF 0517, with proper thrash and nutrient management, use of banana special, bunch feeding technique and IPM practices in banana, he is getting annual income of Rs. 5,17,000



Photo 1

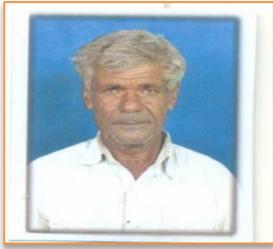
ICM in Banana



Photo 2

Bunch feeding in Banana

Effect of DFI intervention



Name of farmer: Mayigowda s/o Channegowda
Address: Hegdahalli, Mandya Tq., Karnataka 571434
Karnataka
Age: 50
Education: 5th std
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2.0 ac	1000 q	1,75,000	95,000
Hort. Crop 1	Chrysanthemum	1.0 ac	30 q	2,40,000	1,50,000
Total				4,15,000	2,45,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2.0 ac	1600 q	2,80,000	2,00,000	60.00	110.53
Hort. Crop 1	Chrysanthemum	1.0 ac	60 q	4,80,000	3,00,000	100.00	100.00
Total				7,60,000	5,00,000	-	104.08

Brief: The farmer used to get annual income of Rs. 2,45,000 from sugarcane and chrysanthemum. He faced problems like thrips problem in flower crop and sugarcane root grub. With DFI interventions like ICM practices in sugarcane, Integrated root grub management and IPM in chrysanthemum, he is getting annual income of Rs. 5,00,000.



ICM in chrysanthemum

Effect of DFI intervention



Name of farmer: Parshivumurthy s/o Madappa
Address: Machahalli, Mandya Tq., Karnataka.
571476 Karnataka
Age: 50
Education: SSLC
Size of land holding (in acre): 3.0

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1.0 ac	400 q	70,000	50,000
Field Crop 1	Paddy	1.0 ac	16 q	27,200	10,200
Hort. Crop 1	Banana	1.0 ac	300 q	1,50,000	90,000
Total				2,47,200	1,50,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	1.0 ac	800 q	1,40,000	1,10,000	100.00	120.00
Field Crop 1	Paddy	1.0 ac	25 q	42,500	22,500	56.25	120.00
Hort. Crop 1	Banana	1.0 ac	450 q	2,25,000	1,85,000	50.00	105.55
Total				4,07,500	3,17,500	-	111.66

Brief: The farmer used to get annual income of Rs. 1,50,200 from Sugarcane, paddy and banana. He faced problems like low yield in sugarcane, improper nutrient management, sheath blight, neck blast disease. With DFI interventions like ICM practices in sugarcane, paddy and Banana (bunch feeding and banana special), he is getting annual income of Rs. 3,17,500.



ICM in Sugarcane



ICM in Banana



Name of farmer: K. Venkatagowda s/o Kengaiiah

Address: Madegowdanakoppalu Village

Madachakanalli Post Mandya Taluk,

Mandya District, Karnataka - 571405

Karnataka

Age: 53

Education: SSLC

Size of land holding (in acre): 1.5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	0.5 ac	6 q	18000	12000
Seri. Crop 1	Mulberry/ Silkworm	1 ac	4.3 q	140000	80000
Total				1,58,000	92,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	0.5 ac	10 q	35000	28000	66.66	133.3
Seri. Crop 1	Mulberry/ Silkworm	1 ac	7.2 q	240000	170000	67.44	112.5
Total				2,75,000	1,98,000	-	115.21

Brief: The farmer used to get annual income of Rs. 92,000 from silkworm rearing and growing ragi. Earlier he faced problems like getting lower cocoon yield and higher labour cost because of rearing cross breed silkworm which leads to least yield and lower grade of silk. With DFI interventions like popularization of improved double hybrid silkworm which yielding high cocoons FC1 X FC2, INM & IPM in mulberry to get quality mulberry leaves and he is getting annual income of Rs 1,98,000.



Practice of INM in mulberry



Practice of IPM in mulberry



Name of farmer: T Manjegowda s/o Chikka Bettgowda

Address: Thippapura Village Mandya Taluk,

Mandya District, Karnataka - 571431

Karnataka

Age: 38

Education: BA

Size of land holding (in acre): 5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	12 q	24000	16000
Seri. Crop 1	Mulberry/ Silkworm	3 ac	4.0 q	150000	90000
Total				1,74,000	1,06,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi KMR-630	1 ac	19 q	45000	32000	58.33	100.0
Seri. Crop 1	Mulberry/ Silkworm	3 ac	7.5 q	290000	185000	87.50	105.5
Total				3,35,000	2,17,000	-	104.71

Brief: The farmer used to get annual income of Rs. 1,06,000 from silkworm rearing with chawki silkworm rearing along with growing ragi. Earlier he faced problems like getting lower cocoon yield due to lack of awareness about rearing of improved silkworm hybrids. With DFI interventions like rearing of popularization of improved double hybrid silkworm which yielding high cocoons FC1 X FC2, and motivation to establish chawki rearing centre to get more income in short duration and he is getting annual income of Rs 2,17,000.



Intercrops in mulberry garden to enhance green manure Training program about rearing of improved double hybrids



Name of farmer: Shivaraj S
Address: Mallanayakanakatte Village, Dudda Hobli,
Mandya Taluk and District,
Karnataka-571405
Karnataka
Age: 33
Education: PUC
Size of land holding (in acre): 3

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1 ac	14 q	28000	20000
Seri. Crop 1	Mulberry/ Silkworm	1 ac	4.1 q	120000	70000
Total				1,48,000	90,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi Indaf-7	1 ac	19 q	45000	38000	35.71	90.00
Seri. Crop 1	Mulberry/ Silkworm	1 ac	6.8 q	210000	175000	65.85	150.0
Total				2,55,000	2,13,000	-	136.66

Brief: The farmer used to get annual income of Rs. 90,000 from Ragi & Sericulture. He faced problems like low yield cocoons, low yielding variety, high cost of inputs, not following INM practices. With DFI interventions like improved short improved varieties, silkworm double hybrids and practices of Integrated nutrient management in mulberry and Introduction of new ragi variety Indaf 7, he is getting annual income of Rs 2,13,000.



Practice of improved silkworm rearing FC1XFC2

Practices of improved Variety of Ragi Indaf-7



Name of farmer: Ramalingu s/o Channegowda
Address: Thandasanahalli Village, Mandya Taluk and District, Karnataka - 571401
Karnataka
Age: 49
Education: SSLC
Size of land holding (in acre): 5

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1 ac	18 q	36000	20000
Field Crop 2	Sugarcane	3 ac	1400 q	280000	150000
Seri. Crop 1	Mulberry/ Silkworm	1 ac	4.2 q	120000	70000
Total				4,36,000	2,40,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1 ac	30 q	51000	35000	66.66	75.00
Field Crop 2	Sugarcane	3 ac	1700 q	510000	300000	21.42	100
Seri. Crop 1	Mulberry/ Silkworm	1 ac	6.0 q	228000	1600 00	42.85	128.5
Total				7,89,000	4,95,000		106.2

Brief: The farmer used to get annual income of Rs. 2,40,000 from Paddy, Sugarcane & Sericulture. He faced problems like low yield cocoons, low yielding variety, high cost of inputs, not following INM practices. With DFI interventions like improved short improved varieties, silkworm double hybrids and practices of Integrated nutrient management in mulberry and now he is getting annual income of Rs 4,95,000.



Practice of improved silkworm rearing FC1XFC2



Practices of improved mulberry cultivation (V1)



Name of farmer: Siddaraju s/o Ningaiah
Address: Mallanayakana Katte Village, Mandya
Taluk and District, Karnataka - 571405
Karnataka
Age: 45
Education: SSLC
Size of land holding (in acre): 03

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 ac	1000 q	280000	150000
Seri. Crop 1	Mulberry/ Silkworm	1 ac	3.9 q	130000	80000
Total				4,10,000	2,30,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2 ac	1400 q	390000	250000	40	66.66
Seri. Crop 1	Mulberry/ Silkworm	1 ac	7.1 q	310000	225000	82.05	181.2
Total				7,00,000	4,75,000	-	106.5

Brief: The farmer used to get annual income of Rs. 2,30,000 from Sugarcane & Sericulture. He was faced problems like low yield of sugarcane due to local variety and stem borer diseases & rearing of PMxCSR2 silkworm which yields lower cocoon yield, low yielding mulberry variety, high cost of inputs, not following INM practices. With DFI interventions like improved short improved varieties, silkworm double hybrids and planting high yielding sugarcane variety with IPM practices, Integrated nutrient management in mulberry and now he is getting annual income of Rs 4,75,000.



Practice of improved silkworm rearing FC1XFC2



Practices of improved mulberry cultivation (V1)



Name of farmer: G. Gowda s/o Narasgowda
Address: Madegowdanakoppalu Village, Mandya Taluk and District, Karnataka - 571405
Karnataka
Age: 47
Education: 7th
Size of land holding (in acre): 03

1) Before Intervention [Benchmark (Baseline period 2016-17)]

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	0.50 ac	6 q	18000	12000
Field Crop 2	Paddy	0.50 ac	12 q	20400	13000
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	4.2 q	126000	78000
Total				1,64,400	1,03,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	0.50 ac	9 q	27000	20000	50	66.66
Field Crop 2	Paddy	0.50 ac	16 q	28000	21000	33.33	61.53
Seri. Crop 1	Mulberry/ Silkworm	1.00 ac	6.0 q	221400	183000	42.86	134.6
Total				2,76,400	2,24,000	-	117.47

Brief: The farmer used to get annual income of Rs. 1,03,000 from Ragi, Paddy & Sericulture. He faced problems like low yield of ragi, paddy because of planting of low yielding varieties & not management of shoot borer in paddy and rearing of multivoltine cross breed silkworm which yield poor quality cocoons, improper nutrient and pest and disease management in mulberry cultivation. With DFI interventions like improved short improved varieties, rearing of improved silkworm double hybrids and plantation of improved ragi and paddy varieties and now he is getting annual income of Rs 2,24,000.



Practice of improved silkworm rearing FC1XFC2



Practices of improved mulberry cultivation (V1)