



Name of farmer : Jayashree Sadanand Hegde
Address : Thotadakallalli, post : Kundaragi , Yellapur
Age : 50 Years
Education : SSLC
Size of land holding (in acre) : 1.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1.25 Ac	13.50 q	350000.00	175000.00
Hort. Crop 2	Coconut	0.88	8.5 q	13600.00	10000.00
Hort. Crop 3	Black pepper	0.33	2.0 q	70000.00	50000.00
Hort. Crop 4	Banana	0.20	24.00 q	45000.00	23000.00
Livestock 1	Cow	2 Nos	1300 l	32500.00	11000.00
Total				511100.00	269000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	1.25 Ac	20.00 q	750000.00	400000.00	48.15	128.57
Hort. Crop 2	Coconut	0.88	10 q	24000.00	21000.00	17.65	110.00
Hort. Crop 3	Black pepper	0.5	2.50 q	95000.00	65000.00	25.00	30.00
Hort. Crop 4	Banana	0.36	42.00 q	84000.00	44000.00	75.00	91.30
Livestock 1	Cow	5 Nos	2900 l	92500.00	30000.00	123.08	172.73
Total				1045500.00	560000.00		108.18

Brief: The farm women used to get annual income of Rs. 269000 from Horticulture & Dairy etc. She faced problems like low yields in arecanut based cropping system, scarcity of labours for harvesting, etc. With DFI interventions like training on advanced profitable technology to increase the yields of arecanut, pepper, coconut, Banana etc, Intensification of crops like Cardamom in Arecanut, Trainings on palm climbing through machinery and supply of coconut climbing machine , exposure visit to various agriculture based institutes, Krishi Mela, regular consultancy , she is getting annual income of Rs. 560000. In addition, there is cost saving of Rs. 45000 in the production of horticulture crops.



Regular guidance on production technology of spice crops



Dairy unit with local and CB cows



Effect of DFI intervention

Name of KVK: Uttara Kannada

Name of farmer : Ganapathi Ramakrishna Bhat
Address : At: Talageri, Post : Karwa
581424, Tq : Honnavar, Karnataka
Age : 46 Years
Education : B.Sc
Size of land holding (in acre) : 1.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop 1	Arecanut	1.0 Ac	9.50 q	237500.00	165000.00
Hort.Crop 2	Betelvine	0.64 Ac	1 q	25000.00	18000.00
Hort. Crop 3	Black pepper	0.09 Ac	0.6 q	12000.00	10500.00
Hort. Crop 4	Cashew	0.5 Ac	0.85 q	5950.00	5000.00
Hort. Crop 5	Coconut	1.25 Ac	7.5 q	21000.00	16800.00
Livestock 1	Local Malnad gidda	5 Nos	3500 l	109500.00	25000.00
Other enterprise (Specify)	Bee keeping	25 Nos	1.25 q Honey +12 Colonies	31000.00 +12000.00	22000.00 + 8500.00
Other enterprise (Specify)	Value addition minor forest fruits	6 Nos	100 q	1000000.00	150000.00
Total				1453950.00	420800.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort.Crop1	Arecanut	1.0 Ac	12 q	350000.00	235000.00	26.32	42.42
Hort.Crop 2	Betelvine	0.63Ac	1.2 q	30000.00	22500.00	20.00	25.00
Hort. Crop 3	Black pepper	0.14 Ac	1.0 q	35000.00	30000.00	66.70	185.71
Hort. Crop 4	Cashew	0.5 Ac	1.50 q	15000.00	12500.00	76.47	150.00
Hort. Crop 5	Coconut	1.25 Ac	10 q	25000.00	19000.00	33.33	13.10
Livestock 1	Local Malnad gidda	5 Nos	3500 l	146000.00	50000.00	00.00	100.00
Other enterprise (Specify)	Bee keeping	60 Nos	5.50 q Honey + 65 Colony	146250.00 + 67750.00	128750.00 + 55250.00	34.00 + 441.7	485.2 + 550.0
Other enterprise (Specify)	Value addition of minor forest fruits	10 Nos	350 q	4200000.00	630000.00	250.00	320.00
Total				5015000.00	1183000.00		181.13

Brief: The farmer used to get annual income of Rs. 420800.00 from Bee keeping, Horticulture and Value addition etc. He faced problems like Marketing of value added products, Processing etc. With DFI interventions like exposure to various exhibitions, publications related to value added products from minor forest fruits as livelihood option in popular magazines, KVK Website and interviews/ agriculture shows in DD Chandana, trainings on post harvest handling, processing and value addition of fruits and vegetables at KVK and various NGO involved in marketing of value added products, regular field visits by KVK scientists for technical guidance, exposure visits by KVK to Kudal and surrounding area (Maharashtra) on processing and value addition, linkages with other developmental departments : ATMA-Agriculture, Horticulture and NGO – Kadamba Marketing Cooperative society, Sirsi he is getting annual income of Rs. 1183000.00.



Explaining about value added products to Hon'ble ministers of Karnataka



Value addition to underutilized wild fruit kokum



Visit of Shri Kadasiddeshwar swamiji Kaneri Math, Kolhapur



Name of farmer : Bhadragowda Bangareppagowda
Address : At : Santolli, Post : Kuppagadde,
 Tq : Sirsi Karnataka
Age : 40 Years
Education : SSLC
Size of land holding (in acre) : 6.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.00 Ac	15.00 q Grain + 16.00 q Straw	30000.00	21500.00
Hort.Crop 2	Ginger	1.50 Ac	154 .00 q	338800.00	138800.00
Hort. Crop 3	Arecanut	3.50 Ac	40.00 q	1200000.00	740000.00
Livestock 1	Buffalo	2 Nos	1350 l	32120.00	12000.00
Total				1600920.00	912300.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop1	Paddy	1.00 Ac	18.75 q Grain + 19.20 Straw	41000.0	16000.0	25 Grain + 20 Straw	-25.60
Hort.Crop 2	Ginger + Arecanut + vegetables (Chilli, Cucumber, Cluster bean, Bhendi)	1.50 Ac	166.00 q	398400.0	208400.0	7.79	50.14
Hort. Crop 3	Arecanut	3.50 Ac	59.50 q	2082500.0	1658500.0	48.75	124.12
Livestock 1	Buffalo	2 Nos	1500 l	36500.0	13500.0	11.11	12.50
Total				2558400.00	1896400.00		107.87

Brief: The farmer used to get annual income of Rs. 912300.00 from Paddy, Arecanut, Ginger and dairy. He faced problems like production constraints in Arecanut and Ginger, non utilization of space in Arecanut and Ginger. With DFI interventions like trainings on production technology of ginger and arecanut with main emphasis on disease management, nutrient management, introduction of Black pepper in arecanut and additional crops viz., vegetables in Ginger, regular guidance by KVK scientists through consultancy, field visits, Linkages with Agriculture department/ Cooperative societies for subsidy and marketing of produce, he is getting annual income of Rs. 1896400.00.



Arecanut and Ginger intercroppings



Arecanut based cropping system



Name of farmer : Narayan Devaru Hegde
Address : At :Hosmat, Post : Karwa, 581424,
 Tq :Honnavar, Karnataka
Age : 44 Years
Education : PUC
Size of land holding (in acre) : 1.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop 1	Arecanut	1.0 Ac	10.00 q	300000.00	175000.00
Hort.Crop 2	Black pepper	1.0 Ac	00.00	00.00	00.00
Hort. Crop 3	Coconut	2.5 Ac	15 q	38000.00	23500.00
Hort. Crop 4	Nutmeg	0.5 Ac	0.60 q	14000.00	11100.00
Livestock 1	Local malnad gidda	4 +1 Nos	4000 l	120450.00	46500.00
Other enterprise (Specify)	Bee keeping	20 Nos	0.8 Q Honey + 50 Colonies	28500.00 + 62500.00	18500.00 + 52500.00
Total				563450.00	327100.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)	producti on	income
Hort.Crop1	Arecanut	1.0 Ac	18.50 q	500000.00	325000.00	85.00	85.70
Hort.Crop 2	Black pepper	1.0 Ac	1.0 q	28000.00	18500.00	100.00	100.00
Hort. Crop 3	Coconut	2.5 Ac	17.5 q	45000.00	35000.00	16.67	48.94
Hort. Crop 4	Nutmeg	0.5 Ac	1.00 q	30000.00	27000.00	66.67	143.24
Livestock 1	Local Malnad gidda	4+1 Nos	4500 l	182500.00	85000.00	12.50	82.80
Other enterprise (Specify)	Bee keeping	20 Nos	1.2 q Honey + 100 Colony	75000.00 + 150000.00	45000.00 + 120000.00	50.00 100.00	143.2 128.6
Total				1010500.00	655500.00		100.40

Brief: The farmer used to get annual income of Rs. **327100.00** from Bee keeping, dairy and Horticulture etc. He faced problems like production constraints in Arecanut and management of honey bees during rainy season and soapnut plantation for bee flora. With DFI interventions like trainings on production technology of major crops of Uttara Kannada district covering insect pest / disease management, regular guidance by KVK scientists through consultancy, field visits, Linkages with Agriculture department, he is getting annual income of Rs. **655500.00**. In addition, there is cost saving of Rs. 10500.00 in the production of Arecanut.



Coconut based farming



Bee keeping activities



Name of farmer

: Chandrappa Ajjappa Naik

Address

: At and Post : Gudnapur Tq : Sirsi

Age

: 63 Years

Education

: BA

Size of land holding (in acre)

: 4.3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Paddy	1.30 Ac	39 q Grain + 36.00 q Straw	65700.00	26500.00
Field crop 2	Maize	1.30 Ac	23.50 q	35250.00	14500.00
Hort. Crop 1	Arecanut	2.50 Ac	12.50 q	375000.00	185000.00
Hort. Crop 2	Black pepper	0.44 Ac	1.00 q	30000.00	24000.00
Hort. Crop 3	Banana	0.3 Ac	36.00 q	54000.00	37500.00
Livestock 1	Buffalo	2 Nos	3000 l	75000.00	15000.00
Total				634950.00	302500.00

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.30 Ac	45 q	78500.00	32000.00	15.38 + 22.22	20.75
Field Crop 2	Maize	1.30 Ac	26.00 q	46800.00	20000.00	10.64	37.93
Hort. Crop 1	Arecanut	2.50 Ac	27.50 q	1237500.00	745000.00	120.00	302.70
Hort. Crop 2	Black pepper	0.44 Ac	1.50 q	52500.00	43000.00	50.00	79.17
Hort. Crop 3	Banana	0.3 Ac	45.00 q	90000.00	63000.00	25.00	68.00
Livestock 1	Buffalo	2 Nos	3000 l	90000.00	18000.00	00.00	20.00
Other enterprise	Jaggery production	0.05 Ac	2.50 q	20000.00	8000.00	>100.00	>100.00
Total				1615300.00	929000.00		207.11

Brief: The farmer used to get annual income of Rs. 302500.00 from field crops, Horticulture, and Dairy etc. He faced problems like low yields in paddy; arecanut based cropping system, scarcity of labours for agricultural operations etc. With DFI interventions like demonstrations, consultancy, training on advanced profitable technology to increase the yields of paddy, arecanut, pepper etc, linkages with Agriculture and horticulture departments in purchase of tractor, trolley and tiller under subsidy, technical support on jaggery production, he is getting annual income of Rs 929000.00.



Regular guidance on production technology of field crops along with Agri. Department officials



Arecanut based cropping system



Name of farmer : Ramakanth Ramachandra Hegde
Address : At: Hunsekoppa, Post : Kodsar, Tq : Siddapur
Age : 63 Years
Education : SSLC
Size of land holding (in acre) : 2.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2.20 Ac	20.00 q	400000.00	250000.00
Hort. Crop 2	Black pepper	2.20 Ac	3.00 q	90000.00	72000.00
Total				490000.00	322000.00

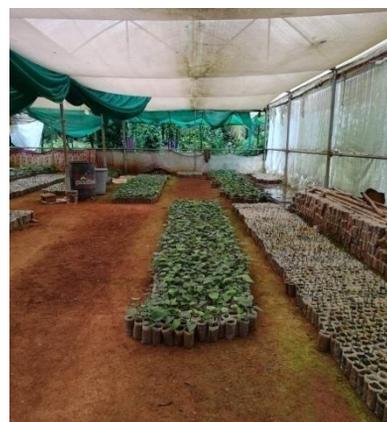
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	2.20 Ac	30.00 q	1140000.00	600000.00	50.00	140.00
Hort. Crop 2	Black pepper	2.20 Ac	12.00 q	480000.00	400000.00	300.00	455.56
Other enterprise (Specify)	Nursery (Sigandini pepper)	0.13 Ac	30000 Nos	500000.00	150000.00	>100.00	>100.00
Total				2120000.00	1150000.00		257.14

Brief: The farmer used to get annual income of Rs. 322000.00 from cultivation of arecanut and black pepper etc. He faced problems like low yields in arecanut and phytophthora disease in pepper etc. With DFI interventions like trainings, consultancy etc with KVK, Linkages with Horticulture departments in purchase power sprayer, pepper decorticator, ladder and establishment of Sigandini pepper nursery which is disease resistant and registered in ppvfra under 40 % subsidy, he is getting annual income of Rs 1150000.00.



Visit to Sigandini pepper nursery along with Agriculture and Horticulture Department officials



Pepper nursery unit established under Horticulture department subsidy



Sigandini pepper plot in Areca based cropping system



Name of farmer : Sitaram Gajanan Hegde
Address : At and Post: Bairumbhe, 581402, Tq : Sirsi
Age : 47 Years
Education : Diploma in tool and die making
Size of land holding (in acre) : 2.43

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income
Hort. Crop 1	Arecanut	2.43Ac	36.50 q	912500.0	465000.0
Hort. Crop 2	Black pepper	1.11 Ac	1.00 q	30000.0	24000.0
Hort. Crop 3	Coconut	0.55 Ac	5.5 q	11000.0	7500.0
Hort. Crop 4	Cocoa	1.0 Ac	2.00 q	6000.0	4500.0
Hort. Crop 5	Banana	0.1 Ac	12.00 q	9600.0	6000.0
Total				969100.0	507000.0

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	2.43Ac	38.00 q	1444000.00	800000.00	4.11	72.04
Hort. Crop 2	Black pepper	1.78 Ac	9.00 q	360000.00	275000.00	800.00	1045.83
Hort. Crop 3	Coconut	0.55 Ac	5.5 q	13200.00	8000.00	00.00	6.67
Hort. Crop 4	Cocoa	1.0 Ac	6.00 q	24000.00	15000.00	200.00	233.33
Hort. Crop 5	Banana	0.1 Ac	15.00 q	30000.00	18500.00	25.00	208.33
Total				1871200.00	1116500.00		120.22

Brief: The farmer used to get annual income of Rs. 507000.00 from cultivation of arecanut based crops etc. He faced problems like low yields in pepper and processing constraints etc. With DFI interventions like trainings, consultancy etc with KVK and other developmental departments, planting of resistant variety sigandini, Linkages with Horticulture departments in purchase power sprayer, pepper decorticator and ladder under 40 % subsidy, good market linkage with Kadamba marketing society, TSS, TMS Sirsi , Hulgol cooperative service society he is getting annual income of Rs 1116500.00.



Harvested pepper



Areca based cropping system



Name of farmer : Chamaraj Puttannayya Gouda
Address : At :Nejjuru Post : Kavanchuru, Tq : Siddapura
Age : 38Years
Education : SSLC
Size of land holding (in acre) : 7.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3.00 Ac	35.00 q Grain + 30.00 q Straw	43750.0	24000.0
Hort.Crop 1	Arecanut	4.00 Ac	28.00 q	742000.0	550000.0
Hort.Crop 2	Black pepper	0.33 Ac	0.20 q	7000.0	3500.0
Hort.Crop 3	Banana	0.15 Ac	8.50 q	15000.0	9500.0
Total				807750.0	587000.0

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Field Crop1	Paddy	2.50 Ac	40.00 q + 38.00 q Straw	65000.00	26500.00	14.3	10.42
Hort.Crop 1	Arecanut	4.00 Ac	40.00 q	1120000.00	900000.00	42.86	63.64
Hort.Crop 2	Black pepper	0.33 Ac	0.50 q	20000.00	15000.00	150.00	328.57
Hort.Crop 3	Banana	0.25 Ac	15.00 q	30000.00	22000.00	328.6	131.58
Hort. Crop 4	Ginger	1.00 Ac	70.00 q	280000.00	200000.00	>100.00	>100.0
Other enterprise (Specify)	Jaggery production	0.50 Ac	7.50 q	49500.00	25000.00	>100.00	>100.0
Total				1564500.00	1188500.00		102.47

Brief: The farmer used to get annual income of Rs. 587000.00 from Paddy and Areca based crops. He faced problems like low yields in arecanut based cropping system, paddy, scarcity of labours for harvesting, etc. With DFI interventions like training on advanced profitable technology to increase the yields of arecanut, pepper, ginger, Banana, Paddy etc, guidance on jaggery preparation, regular consultancy with agri / hort/ KVK officials, availing subsidy schemes under developmental departments, participation in various visits and melas etc. He is getting annual income of Rs 1188500.00.



Cultivation of ginger in areca garden



Sugarcane cultivation for jaggery purpose



Name of farmer

: Nagaraj Nagesh Gouda

Address

: At : Kadime Post : Gokarn Tq : Kumta

Age

: 30 Years

Education

: DEd

Size of land holding (in acre)

: 2.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	21.50 q Grain + 15.00 q Straw	41550.00	21150.00
Field Crop 2	Groundnut	1.00 Ac	6.00 q	25000.00	13500.00
Hort crop 1	Watermelon	1.00 Ac	185 q	92500.00	35000.00
Hort crop 2	Coconut	0.38 Ac	6 q	12000.00	10000.00
Total				171050.00	79650.00

1) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	producti on	income
Field Crop 1	Paddy	2.00 Ac	32.00 q Grain + 25.00 q Straw	60500.00	32500.00	48.84 + 66.67	53.66
Field crop 2	Groundnut	1.00 Ac	11.50 q	63250.00	30000.00	91.67	122.22
Hort crop 1	Watermelon	1.00 Ac	320 q	137200.00	87500.00	72.97	150.00
Hort crop 2	Coconut	0.38 Ac	7.25 q	19500.00	15000.00	20.83	50.00
Other enterprise (Specify)	Bee keeping	2 Nos	0.02 q	1000.00	200.00	>100.00	>100.00
Total				281450.00	165200.00		107.41

Brief: The farmer used to get annual income of Rs. 79650.00 from Paddy, groundnut, watermelon and coconut. He faced problems like low yields in Paddy, Groundnut and water melon, scarcity of labour etc. With DFI interventions like trainings on advanced profitable technologies in paddy and groundnut, FLD on Icm in watermelon by KVK, demonstrations on improved varieties of paddy and Groundnut GPBD – 4, Machine paddy transplanting, Mulching techniques in watermelon by Both Agriculture and Horticulture departments, regular guidance by KVK scientists through consultancy, field visits, Linkages with Agriculture and Horticulture department for subsidy on bee keeping, he is getting annual income of Rs. 165200.00.



Bee keeping



Watermelon under plastic mulching



Name of farmer

: Venkatesh Ganapathi Naik

Address

: At Post: Alvekodi 581343 Tq : Kumta

Age

: 54years

Education

: SSLC

Size of land holding (in acre)

: 1.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.00 Ac	8.00 q Grain + 4.00 q Straw	11600.00	4200.00
Field Crop 2	Groundnut	1.00 Ac	5.6 q	22400.00	11500.00
Hort crop 1	Coconut	0.25 Ac	4.5 q	11000.00	9500.00
Total				45000.00	25200.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	producti on	income
Field Crop 1	Paddy	1.00 Ac	15.00 q Grain + 10.00 q Straw	32400.00	15500.00	87.50 + 150.00	269.05
Field crop 2	Groundnut	1.00 Ac	12.00 q	72000.00	36000.00	114.29	213.04
Hort. crop 1	Coconut	0.25 Ac	4.5 q	15750.00	12500.00	00.00	31.58
Total				120150.00	64000.00		153.97

Brief: The farmer used to get annual income of Rs. 25200.00 from Paddy, groundnut and coconut. He faced problems like low yields in Paddy and Groundnut, scarcity of labour, With DFI interventions like Front line demonstrations on improved varieties of paddy Abhilash and Groundnut GPBD – 4, trainings on Advanced profitable technologies in paddy, Groundnut, palm climbing through machines, Machine paddy transplanting, regular guidance by KVK scientists through consultancy, field visits, Linkages with Agriculture and Horticulture department for subsidy., he is getting annual income of Rs. 64000.00.



Coconut trees in backyard



Demonstration of High yielding groundnut by KVK



Name of farmer : Benaka Ashok Naik
Address : At : Ilimane, Post : Kyadagi, Tq: Siddapura
Age : 25 Years
Education : PUC
Size of land holding (in acre) : 3.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2.0 Ac	10.50 q	262500.0	180000.0
Hort. Crop 2	Black pepper	0.11 Ac	0.20 q	6000.0	5000.0
Livestock 1	Local Cow	2 Nos	1200 l	30240.0	15500.0
Other enterprise (Specify)	Bee keeping	50 Nos	3.50 q Honey +250 Colonies	157500.0 + 400000.0	115000.0 + 200000.0
Total				856240.0	515500.0

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.	Gross Income(Rs.	Net Income	producti on	income
Hort.Crop1	Arecanut	2.0 Ac	15.00 q	525000.0	455000.0	42.86	152.50
Hort. Crop 2	Black pepper	0.11 Ac	0.3 q	10500.0	8500.0	50.00	70.00
Livestock 1	Local Cow	2 Nos	1350 l	39150.0	18000.0	12.50	16.13
Other enterprise (Specify)	Bee keeping	50 Nos	5.00 q Honey + 300 Colony	250000.0 + 504000.0	228500.0 + 321500.0	42.86 20.00	98.7 60.8
Total				1328650.00	1031500.00		100.10

Brief: The farmer used to get annual income of Rs. 515500.00 from horticulture crops, dairy and Bee keeping. He faced problems like low yields in arecanut, diseases in pepper, lack of knowledge on advanced techniques in bee keeping etc. With DFI interventions like consultancy, training on advanced profitable technology to increase the yields of arecanut, pepper, exposure to professional bee keepers units etc with KVK, Horticulture department, Linkages with Agriculture and Horticulture departments he is getting annual income of Rs. 1031500.00.



Bee keeping activities



Areca plantation



Name of farmer : Santhosh Dattatreya Hegde
Address : At: Adkali Post: Kansuru
581340 Tq: Siddapura Karnataka
Age : 38Years
Education : SSLC
Size of land holding (in acre) : 6.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	25.00 q grain + 23.5 q straw	36250.0	25000.0
Hort. Crop 1	Arecanut	4.00 Ac	28.50 q	798000.0	515000.0
Hort. Crop 2	Coconut	3.00 Ac	7000 Nos	35000.0	25000.0
Hort. Crop 3	Black pepper	3.33 Ac	4.0 q	120000.0	100000.0
Hort. Crop 4	Banana	0.15 Ac	10.00 q	12000.0	10000.0
Livestock 1	Cow (Local)	2 Nos	1800 l	52500.0	25000.0
Total				1053750.0	700000.0

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2.00 Ac	28.00 q grain + 25 q straw	46200.0	35500.0	12.00 + 6.38	42.00
Hort. Crop 1	Arecanut	4.00 Ac	40.00 q	1320000.0	1150000.0	40.35	123.21
Hort. Crop 2	Coconut	3.00 Ac	7500 Nos	45000.0	38000.0	7.14	52.00
Hort. Crop 3	Black pepper	3.33 Ac	5.0 q	160000.0	140000.0	25.00	40.00
Hort. Crop 4	Banana	0.15 Ac	12.0 q	14400.0	11500.0	20.00	15.00
Livestock 1	Cow (Local)	2 Nos	1850 l	53650.0	28500.0	2.78	14.00
Total				1639250.00	1403500.00		100.50

Brief: The farmer used to get annual income of Rs. 700000.00 from paddy and areca based crops and Dairy etc. He faced problems like low yields in arecanut based cropping system, paddy, scarcity of labours for field operations etc. With DFI interventions like training and demonstrations on advanced profitable technology to increase the yields of paddy and arecanut, disease management in pepper, exposure visits by KVK and Department, regular contact with line departments and KVK and availing subsidy facilities for farm machinery, He is getting annual income of Rs 1403500.00.



Black pepper vines and Paddy field



Name of farmer : Jagadish H. Shanavalli
Address : At :Haraganalli Post :
Malagi -581346, Tq : Mundagod Karnataka
Age : 48Years
Education : B.Com
Size of land holding (in acre): 2.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	30.00 q Grain + 35.00 q Straw	47500.00	21350.00
Field Crop 2	Maize	1.00 Ac	12.50 q	16250.00	8500.00
Field Crop 3	Black gram	1.00 Ac	2.75 q	13750.00	8250.00
Total				77500.00	38100.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs)	Net Income	production	income
Field Crop1	Paddy	2.00 Ac	36.00 q + 40.00 q Grain	75000.0	35000.0	20.00 + 14.29	63.93
Field Crop 2	Blackgram	1.00 Ac	3.50 q	24500.0	15000.0	27.27	81.81
Field Crop 3	Groundnut	1.00 Ac	6.50 q	39000.0	23500.0	>100.00	>100.0
Livestock 1	Cow (Local)	1 No	500 l	12500.0	4000.0	>100.00	>100.0
Other enterprise (Specify)	Vermicompost	2 Nos	2.00 q	2000.0	1600.0	>100.00	>100.0
Total				153000.0	79100.0		107.61

Brief: The farmer used to get annual income of Rs. 38100.00 from Paddy, maize and pulses. He faced problems like low yields in paddy, pulses due to use of local varieties and unawareness about improved practices. With DFI interventions like trainings Advanced profitable technologies in paddy, front line demonstration on ICM in Groundnut and Pulses, regular guidance by KVK scientists through consultancy, field visits, Linkages with Agriculture department for subsidy on farm machinery, sprinkler set, vermicompost etc., he is getting annual income of Rs. 79100.00.



Vermicompost pit constructed under KSDA scheme



Paddy cultivation with improved variety MGD



Name of farmer : Nagaraj Hulagappa Shringeri
Address : At:Haraganalli Post: Malagi 581346,
 Tq: Mundagod,Karnataka
Age : 50 Years
Education : 7th Std
Size of land holding (in acre): 7.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	6.00 Ac	108.00 q Grain + 112.00 q Straw	167000.00	70000.00
Field Crop 2	Maize	3.00 Ac	40.00 q	48000.00	25000.00
Field Crop 3	Black gram	1.00 Ac	2.00 q	10000.00	6500.00
Field Crop 4	Green gram	1.00 Ac	2.00 q	9500.00	5000.00
Field Crop 5	Cowpea	1.00 Ac	2.50 q	10650.00	6000.00
Hort. crop 1	Arecanut	1.00 Ac	2.50 q	70000.00	40000.00
Livestock 1	Cow	2 Nos	1200 l	24000.00	6500.00
Total				339150.00	159000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	productio n	income
Field Crop 1	Paddy	3.00 Ac	75.00 q	147500.00	60000.00	30.6	-14.29
Field Crop 2	Maize	1.00 Ac	13.00 q	23400.00	12500.00	-67.5	-50.00
Field Crop 3	Blackgram	1.00 Ac	3.50 q	17500.00	11000.00	75.00	69.23
Field Crop 4	Groundnut	1.00 Ac	4.50 q	24750.00	14500.00	>100.0	>100.0
Hort crop 1	Arecanut	4.00 Ac	12.50 q	350000.00	195000.00	400.00	387.50
Livestock 1	Cow (Cross)	6 Nos	3500 l	98000.00	25000.00	25.00	284.62
Total				661150.00	318000.00		100

Brief: The farmer used to get annual income of Rs. 159000.00 from Paddy, Arecanut maize & pulses. He faced problems like low yields in paddy, pulses due to use of local varieties and unawareness about improved practices. With DFI interventions like trainings advanced profitable technologies in paddy, front line demonstration on ICM in groundnut and pulses, regular guidance by KVK scientists through consultancy, field visits, linkages with agriculture and horticulture department for area expansion under horticulture crops, subsidy on farm machinery, sprinkler set etc., he is getting annual income of Rs. 318000.00.



Paddy with improved variety MGD - 03



Arecanut cultivation



Name of farmer : Nagaraj Keriyappa Patil
Address : At: Haraganalli Post: Malagi-581346 Tq: Mundagod
 Karnataka
Age : 50 Years
Education : 9th Std
Size of land holding (in acre): 4.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.50 Ac	18.00 q Grain + 22.00 q Straw	28900.00	12500.00
Field Crop 2	Maize	1.00 Ac	13.00 q	15600.00	9500.00
Field Crop 3	Blackgram	1.00 Ac	2.00 q	10000.00	7000.00
Field Crop 4	Greengram	0.50 Ac	0.75 q	3000.00	1800.00
Field Crop 5	Groundnut	1.00 Ac	6.00 q	30000.00	19500.00
Hort crop 1	Arecanut	2.00 Ac	00.00	00.00	00.00
Livestock 1	Cow Local	1 Nos	200 l	4000.00	1000.00
Total				91500.00	51300.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.50 Ac	30.00 q Grain + 30.00 q Straw	69000.00	35250.00	66.67 + 36.36	182.00
Field Crop 2	Maize	1.00 Ac	18.50 q	32400.00	20500.00	42.31	115.79
Field Crop 3	Blackgram	1.00 Ac	3.00 q	18000.00	13500.00	50.00	92.86
Field Crop 4	Greengram	0.50 Ac	1.25 q	7500.00	4000.00	66.67	122.22
Field Crop 5	Groundnut	1.00 Ac	6.50 q	35750.00	20000.00	8.33	2.56
Hort crop 1	Arecanut	2.00 Ac	12.00 q	360000.00	200000.00	>100.00	>100.0
Livestock 1	Cow Local	1 Nos	200 l	5600.00	1500.00	00.00	50.00
Total				459250.00	294750.00		474.56

Brief: The farmer used to get annual income of Rs. 51300.00 from paddy, pulses, groundnut. He faced problems like low yields in paddy, pulses, crop management in arecanut. With DFI interventions like demonstrations on improved paddy, groundnut, pulse varieties, trainings on higher yield in arecanut, paddy, regular guidance by KVK scientists, linkages with agriculture and horticulture department for subsidy schemes, marketing of produce through cooperatives etc, he is getting annual income of Rs. 294750.00.



Arecanut cultivation



Improved paddy variety (Abhilash) cultivation



Name of farmer : Prashanth Basavaraj Goudar
Address : At: Kunaji Post: Kolsirsi-581355, Tq: Siddapura
Age : 39Years
Education : B. Com
Size of land holding (in acre): 10.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	24.00 q Grain + 20.00 q Straw	38000.00	16500.00
Hort crop 1	Arecanut	5.00 Ac	35.00 q	997500.00	450000.00
Hort crop 2	Black pepper	0.11 Ac	0.50 q	18000.00	12000.00
Hort crop 3	Banana	0.05 Ac	5.00 q	10000.00	5500.00
Livestock 1	Buffaloe	2 Nos	1500 l	30000.00	6500.00
Total				1093500.00	490500.00

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop1	Paddy	2.00 Ac	34.00 q Grain + 32.00 q Straw	77500.00	32500.00	41.67	96.97
Hort crop 1	Arecanut	5.00 Ac	60.00 q	2100000.00	850000.00	71.42	88.89
Hort crop 2	Ginger	2.75 Ac	275 q	687500.00	275000.00	>100	>100
Hort crop 3	Black pepper	0.22 Ac	0.80 q	36000.00	28500.00	60.00	137.50
Hort crop 4	Banana	0.05 Ac	6.00 q	15000.00	8000.00	20.00	45.45
Livestock 1	Buffaloe	2 Nos	2250 l	55000.00	12000.00	50.00	84.62
Other enterprise (Specify)	Bee keeping	3 Box	0.04 Q Honey	2000.00	200.00	>100.00	>100.00
	Jaggery	0.25 Ac	7.50 Q	60000.00	25000.00	>100.00	>100.00
Total				3033000.00	1231200.00		151.01

Brief: The farmer used to get annual income of Rs. 490500.00 from paddy, Arecanut, pepper, banana. He faced problems like low yields in paddy, arecanut, efficient land utilization. With DFI interventions like demonstrations on improved paddy varieties, trainings, on higher yield in arecanut, paddy, introduction of ginger, Jaggery production, bee keeping, regular guidance by KVK scientists, strong linkages with agriculture, horticulture and veterinary department for subsidy schemes, exposure visits, marketing of produce through cooperatives TSS Sirsi etc. he is getting annual income of Rs. 1231200.00.



Beekeeping



Arecanut based cropping system



Paddy Cultivation



Name of farmer : Vishweshwar Seetaram Hegde
Address : At: Keshinmane Post: Bairumbe,
Tq: Sirsi, Karnataka
Age : 70 Years
Education : B Sc (Chemistry)
Size of land holding (in acre): 6.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3.00 Ac	36.00 q Grain + 25.00 q Straw	58900.00	26000.00
Hort crop 1	Arecanut	3.00 Ac	39.00 q	1092000.00	517000.00
Hort crop 2	Black pepper	1.33 Ac	6.0 q	210000.00	147000.00
Hort crop 3	Coconut	0.63 Ac	7 q	10600.00	5500.00
Livestock 1	Cow Local + Buffalo	2+1 Nos	3200 l	70000.00	13500.00
Total				1441500.00	709000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income	Net Income	production	income
Field Crop 1	Paddy	3.00 Ac	45.00 q Grain + 43.00 q Straw	105200.0	43500.0	25.00 + 2.00	67.31
Hort crop 1	Arecanut	3.00 Ac	51 q	1785000.0	1050000.0	30.77	103.0
Hort crop 2	Black pepper	1.33 Ac	10 q	350000.0	280000.0	66.67	90.48
Hort crop 3	Coconut	0.63 Ac	10 q	24000.0	20500.0	42.86	272.7
Livestock 1	Cow Local + Buffalo	2+1 Nos	3200 l	98000.0	24000.0	00.00	77.78
Total				2362200.0	1418000.0		100.0

Brief: The farmer used to get annual income of Rs. 709000.00 from Paddy, Arecanut, pepper, and banana. He faced problems like low yields in paddy, arecanut, diseases in pepper, rodent menace in coconut. With DFI interventions like demonstrations on improved paddy varieties, trainings, on higher yield in arecanut, paddy, disease and rodent management, regular guidance by KVK scientists, strong linkages with agriculture, horticulture and veterinary department for subsidy schemes, marketing of produce through cooperatives TSS Sirsi etc, he is getting annual income of Rs. 1418000.00.



Paddy Cultivation



Arecanut based cropping system



Name of farmer : Ratnamma Yallesh Patil
Address : At: Haraganalli Post: Malagi-581346 Tq: Mundagod
 Karnataka
Age : 63 years
Education : SSLC
Size of land holding (in acre): 5.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4.50 Ac	162.00 q Grain + 85.00 q Straw	259600.00	87000.00
Field crop 2	Maize	1.00 Ac	18.00 q	23400.00	15000.00
Livestock 1	Cow	1 Nos	700 l	14000.00	3500.00
Total		5.50 Ac		297000.00	105500.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	producti on	income
Field Crop 1	Paddy	4.50 Ac	112.50 q Grain + 110.00 q Straw	238125.00	105000.00	-30.60	+20.70
Field crop 2	Maize	1.00 Ac	25.00 q	45000.00	28000.00	38.89	86.67
Field crop 3	Ground nut	2.00 Ac	13.50 q	74250.00	47000.00	>100.00	>100.00
Field crop 4	Blackgram	2.00 Ac	5.00 q	30000.00	18500.00	>100.00	>100.00
Field crop 5	Greengram	1.50 Ac	3.00 q	18000.00	10000.00	>100.00	>100.00
Livestock 1	Cow	1 Nos	700 l	19600.00	5000.00	00.00	42.86
Total		5.50 Ac		424975.00	213500.00		102.37

Brief: The farmer used to get annual income of Rs. 105500.00 from paddy and maize. He faced problems like low yields in paddy and maize and unawareness about improved practices. With DFI interventions like trainings advanced profitable technologies in paddy, front line demonstration on ICM in groundnut and pulses, rotation of cereal crops with legumes, use of high yielding paddy varieties, regular guidance by KVK scientists through consultancy, field visits, linkages with agriculture department for subsidy on farm machinery, sprinkler set etc., he is getting annual income of Rs. 213500.00.



Dairy farming



Paddy variety Abhilash cultivation



Name of farmer : Ramesh Shankrappa Jigaler
Address : At: Kalakoppa Post: Malagi-581346 Tq: Mundagod
 Karnataka
Age : 53 Years
Education : B. Sc (Agri)
Size of land holding (in acre) : 17.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	9.50 Ac	200.00 q Grain + 180.00 q Straw	300000.00	115000.00
Field Crop 2	Maize	3.00 Ac	55.50 q	72150.00	35500.00
Field Crop 3	Blackgram	1.00 Ac	4.00 q	20000.00	10000.00
Field Crop 4	Greengram	1.00 Ac	3.50 q	17500.00	8500.00
Field Crop 5	Cowpea	1.00 Ac	4.00 q	18000.00	10000.00
Hort crop 1	Areca nut	8.00 Ac	64.00 q	1280000.00	960000.00
Livestock 1	Cow CB	5 Nos	1800 l	36000.00	14500.00
Total				1743650.00	1153500.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	9.50 Ac	275.00 q Grain + 250.00 q Straw	467500.00	167000.00	37.50 + 38.89	45.22
Field Crop 2	Groundnut	1.00 Ac	10.00 q	60000.00	28000.00	>100.0	>100.00
Field Crop 3	Blackgram	1.00 Ac	5.50 q	28500.00	18500.00	37.50	85.00
Field Crop 4	Greengram	1.00 Ac	3.50 q	17500.00	11000.00	00.00	29.41
Field Crop 5	Cowpea	1.00 Ac	4.00 q	20000.00	12500.00	00.00	25.00
Hort crop 1	Areca nut	8.00 Ac	80.00 q	2400000.00	2080000.00	25.00	116.67
Hort crop 2	Ginger	1.00 Ac	120.00 q	360000.00	160000.00	>100.0	>100.00
Livestock 1	Cow CB	5 Nos	1800 l	50400.00	22000.00	00.00	51.72
Total				3403900.00	2499000.00		116.64

Brief: The farmer used to get annual income of Rs. 1153500/- from paddy, maize, pulses, areca nut. He faced problems like low yields in paddy, pulses, labour scarcity. With DFI interventions like regular guidance by KVK scientists & departmental staff, trainings on higher yield in areca nut, ginger, pulses, strong linkages with agriculture & horticulture departments for subsidy schemes related to sprinkler irrigation, farm machinery, marketing of produce through cooperatives etc, he is getting annual income of Rs. 2499000/-



Ginger cultivation in Areca nut garden



Regular guidance on plant health



Name of farmer : Rudrappa Veerabhadrapa Badiger
Address : At Post : Hunagund -581349, Tq : Mundagod
Age : 72Years
Education : B Sc
Size of land holding (in acre):9.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.)	Gross Income	Net Income (Rs.)
Field Crop 1	Paddy	6.00 Ac	60.00 q Grain + 60.00 q Straw	98000.00	30500.00
Field crop 2	Arecanut	3.00 Ac	-	-	-
Livestock 1	Local cow	2 Nos	750 1	30000.00	6500.00
Total				128000.00	37000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
Field Crop1	Sugarcane	3.00 Ac	150 .00 q	450000.00	300000.00	>100.00	>100.00
Field crop 2	Maize	3.00 Ac	60.00 q	72000.00	45000.00	>100.00	>100.00
Hort crop 1	Arecanut	3.00 Ac	250 q Tender nuts	1000000.00	750000.00	100.00	100.00
Livestock 1	Local cow	2 Nos	750 1	21000.00	10000.00	00.00	53.85
Total				1543000.00	1105000.00		2886.49

Brief: The farmer used to get annual income of Rs. 37000.00 from paddy and local cow. He faced problems like low yields in paddy, labour scarcity, and efficient land utilization. With DFI interventions like, regular guidance by KVK scientists and departmental staff, trainings on higher yield in arecanut, sugarcane, maize, strong linkages with agriculture and horticulture departments for subsidy schemes related to sprinkler irrigation, farm machinery, marketing of produce through cooperatives etc, he is getting annual income of Rs. 1105000.00.



Arecanut cultivation



Sugarcane cultivation in replacement of Paddy



Name of farmer : Chetan Aravind Gudavi
Address : At Post : Malagi -581346, Tq : Mundagod
Age : 46Years
Education : Diploma in Mechanical Engineering
Size of land holding (in acre): 4.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	24.00 q Grain + 20.00 q Straw	37500.00	15000.00
Hort crop 1	Arecanut	2.00 Ac	-	-	-
Livestock 1	Cow Local	4 Nos	1800 1	36000.00	7500.00
Total				73500.00	22500.00

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)	production	income
Field Crop1	Paddy	2.00 Ac	40.00 q Grain + 40.00 q Straw	83500.00	23500.00	66.67 +100.00	56.67
Hort crop 1	Arecanut	2.00 Ac	14.00 q	350000.00	150000.00	100.00	100.00
Livestock 1	Cow Local	4 Nos	1800 1	50400.00	11500.00	00.00	53.33
Total				483900.00	185000.00		722.22

Brief: The farmer used to get annual income of Rs. 22500.00 from paddy, dairy activities. He faced problems like low yields in paddy, management issues in arecanut. With DFI interventions like trainings Advanced profitable technologies in paddy, regular guidance by KVK scientists through consultancy, field visits, linkages with agriculture and horticulture department for subsidy on farm machinery, sprinkler set etc., he is getting annual income of Rs. 185000.00.



Paddy cultivation



Arecanut cultivation



Name of farmer : Ramesh Madhusudhan Nayak
Address : At : Boranagudda, Tq : Mundagod
 Karnataka
Age : 48 Years
Education : BA
Size of land holding (in acre): 5.15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.00 Ac	26.00 q grain + 20.00 q Straw	41200.00	24000.00
Hort crop 1	Arecanut	2.00 Ac	28.00 q	616000.00	300000.00
Hort crop 2	Coconut	1.00 Ac	7.50 q	18000.00	8000.00
Hort crop 3	Ginger	0.15 Ac	20.00 q	57600.00	36000.00
Hort crop 4	Black pepper	0.44 Ac	4.00 q	150000.00	82000.00
Hort crop 5	Banana	0.10 Ac	12.00 q	18000.00	8500.00
Total				900800.00	458500.00

2) Status in 2020

Component		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1.20 Ac	24.00 q	50100.00	28500.00	-07.70	18.75
Hort crop 1	Arecanut	2.00 Ac	33.00 q	1188000.00	688000.00	17.86	129.33
Hort crop 2	Coconut	1.00 Ac	9.50 q	28000.00	16000.00	26.67	100.00
Hort crop 3	Ginger	0.30 Ac	28.00 q	90000.00	55000.00	40.00	52.78
Hort crop 4	Black pepper	0.44 Ac	5.50 q	180000.00	120000.00	37.50	46.34
Hort crop 5	Banana	0.10 Ac	12.00 q	25000.00	12000.00	00.00	41.18
Hort crop 6	Cashew	0.65 Ac	-	-	-	100.00	100.00
Total				1561100.00	919500.00		100.55

Brief: The farmer used to get annual income of Rs. 458500.00 from Paddy, Areca based crops, Ginger. He faced problems like low yields in paddy, labour scarcity. With DFI interventions like regular guidance by KVK scientists and departmental staff, trainings on higher yield in arecanut, ginger, strong linkages with agriculture and horticulture departments for subsidy schemes, marketing of produce through cooperatives etc, he is getting annual income of Rs. 919500.00.



Areca based cropping system



Paddy Cultivation



Name of farmer : Megharaj Nagaraj Gouda
Address : Achanalli, Dodnalli panchayat, Sirsi Tq
 Karnataka
Age : 42
Education : 9th std
Size of land holding (in acre) : 6.30

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	3.0	34 Q	54,000	24,800
Agri.crop-2	Sugarcane	0.75	8.75	49,000	22,500
Hort.crop-1	Arecanut	2.0	4.0Q	120,000	74,100
Hort.crop-2	Banana	1.0	45Q	22,500	10,250
Livestock 1	Dairy (Cross breed)	8	9,150 liter	183,000	61,320
Total				428500	192970

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Agri.crop-1	Sugarcane	0.75	10.0	80,000	40,500	14.2	80.0
Hort. Crop-1	Arecanut	5.10	12Q	420,000	225,000	17.65	203.6
Hort. Crop-2	Ginger	1.0	71Q	177,500	81,000	200.0	100.0
Livestock -1	Cow	4	6783	1,89,924	85,466	-25.9	-39.4
	Buffalo	2	2672	85,504	38,477	>100.0	>100.0
Total				9,52,928	4,70,443		143.8

Brief: The farmer used to get annual income of Rs. 192970/- from paddy, sugarcane, arecanut, banana and dairying. He faced problems of premature Nut drop, mastitis; repeat breeding, high cost of input. DFI Interventions on introduction of ICM in arecanut, mastitis control measures, repeat breeding management and nutritional management. Annual income increased by Rs. 470443/-



Areca field inspection- Nutrient management suggestion



Mastitis prevention measures



Name of farmer : Vidyadhar Ramachandra Hegde
Address : Chipagi, Sirsi Tq
Karnataka
Age : 43
Education : SSLC
Size of land holding (in acre) : 1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.crop-1	Arecanut	1.0	8.5Q	255,000	124,700
Livestock 1	Dairy (Cross breed)	1	1982.5 l	39,650	14,800
Total				2,94,650	1,39,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Arecanut	1.0	12Q	420,000	218,000	41.2	74.8
Hort. Crop-2	Pepper	1.0	1.5Q	53,250	24,600	>100.0	>100.0
Livestock -1	Dairy (Cross breed)	3	6168.5 l	172,718	76,100	211.1	414.1
Other enterprise	Honey	30 box	1.0Q	45,000	32,800	>100.0	>100.0
Total				6,90,968	3,51,500		151.97

Brief: The farmer used to get annual income of Rs. 1,39,500/- from Arecanut, and dairying. He faced problems of premature Nut drop, mastitis; repeat breeding, high cost of input. DFI interventions on repeat breeding management, nutritional management, fodder crops, training on honey cultivation. Annual income increased by Rs. 3,51,500/-.



Bee keeping activity



Treatment of repeat breeding animal



Name of farmer : Umesh Vishnu Bhagwatkar
Address : Shekanakatta, Sambrani Post, Haliyal Tq. Karnataka
Age : 36
Education : 10th std
Size of land holding (in acre) : 11.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	2.0	36 q	54,000	17,200
Agri.crop-2	Sugarcane	4.0	1540 q	246,400	92,600
Agri. crop-3	Maize	4.5	45q	58,500	23,400
Livestock 1	Dairy (local)	3	911.0 l	18,220	7,960
Total				3,77,120	1,41,160

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.crop-1	Paddy	2.0	38 q	68,400	29,700	5.6	72.7
Agri.Crop-2	Sugarcane	4.0	1800 q	396,000	178,500	16.9	92.8
Agri. Crop-3	Maize	4.5	52 q	93,600	41,800	15.6	78.6
Livestock -1	Dairy (local)	3	1095 l	30,660	16,100	20.2	102.3
Other enterprise	Fish farming	1.0	28 q	252,000	121,600	>100.0	>100.0
Total				8,40,660	3,87,700		174.6

Brief: The farmer used to get annual income of Rs. 1,41,160/- from paddy, sugarcane, Maize and dairying. He faced problems of root grub, low yield, and pest menace. The DFI interventions on introduction of Fisheries, nutritional management and proper pest control measures. Annual income increased by Rs. 3,87,700/-.



Fish finger lings seeding in the pond



Sugarcane field inspection



Name of farmer : Jimmy Disouza
Address : Kerwad, Havagi post, Haliyal Tq.
Age : 40
Education : B.com
Size of land holding (in acre):10.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	2.0	30 q	45,000	20,700
Agri.crop-2	Sugarcane	6.0	2100 q	336,000	13,1000
Hort.crop-1	Mango	1.0	50 q	90,000	58,000
Livestock 1	Dairy (Cross bred)	6	7,300 l	146,000	67,400
Total				6,17,000	2,77,100

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Agri.crop-1	Paddy	1.50	23 q	41,400	19,100	-23.3	-7.73
Agri.Crop-2	Sugarcane	3.50	2000 q	400,000	212,000	-4.8	61.83
Hort.Crop-1	Mango	1.0	90 q	207,000	144,900	80.00	149.8
Hort. Crop-2	Banana	2.50	456 q	273600	144,500	>100.0	>100.0
Livestock -1	Cattle (Cross breed)	2.0	2135 liters	59,780	28,800	-70.8	-57.30
Fisheries-1	Fish farming	3 Gunta	2.7 q	24,300	11,800	>100.0	>100.0
Total				1,006,080	561,100		102.48

Brief: The farmer used to get annual income of Rs. 2,77,100/- from paddy, sugarcane, Mango and dairying. He faced problems like root grub, low yield, pest menace, flower drop, fruit fly etc. With DFI interventions like introduction of Fisheries, ICM in mango, nutritional management in banana, pest control measures etc. He is getting annual income of Rs. 5,61,100/-.



Floating pellet fish feed with amur carp demo



Inspection of mango fruit bearing - ICM in mango demo



Name of farmer : Maruthi Bangarya Jogi
Address : Achanalli, Dodnalli post, Sirsi Tq.
Karnataka
Age : 50
Education : 7th std.
Size of land holding (in acre) : 2.15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	0.5	7.5 q	11,250	5,500
Agri.crop-2	Sugarcane, Jaggery	5 Gunta	3.75 q Jaggery	24,000	11,800
Livestock 1	Dairy (Cross breed)	6	9150 l	183,000	59,400
Total				2,18,250	76,700

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Incom	Producti on	Income
Agri.crop-1	Paddy	0.5	8.5 q	15,300	7,100	13.3	29.1
Agri.Crop-2	Sugarcane	5 Gunta	4.25 q Jaggery	34,000	16,100	13.3	36.4
Hort.Crop-1	Arecanut	1.0	0.5	16,000	9,100	>100.0	>100.0
Livestock -1	Dairy (Cross breed)	6	10675 l	298,900	121600	16.7	104.7
Total				3,64,200	1,53,900		100.65

Brief: The farmer used to get annual income of Rs. 76,700/- from paddy, sugarcane and dairying. He faced problems of mastitis, fodder scarcity, root grub, low yield. DFI interventions on prevention of mastitis strategies, fodder crops introduction, nutritional management, proper pest control measures. Annual income increased by Rs. 1,53,900/-.



Treatment to affected cow



Arecanut field inspection and root grub identification



Name of farmer : Ganapathi G Hegde
Address : Onikere, Benge, Sirsi Tq.
Karnataka
Age : 52
Education : 10th std
Size of land holding (in acre) : 7 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	0.5	11 q	16,500	7,800
Agri.crop-2	Maize	0.5 Acre	58 q	75,400	41,000
Hort.crop-1	Coconut	0.5	5.26 q	8,416	5,900
Hort. Crop-2	Arecanut	0.8	11 q	330,000	176,000
Hort. Crop-3	Pepper	0.8 (Mixed crop)	1.2 q	48,600	23,400
Hort. Crop-4	Coffee	0.8 (Mixed crop)	1.5 q	40,500	22,300
Livestock 1	Dairy (CB)	6	9455 l	189,100	76,185
Total				7,08,516	3,52,585

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.crop-1	Paddy	0.5	12.5 q	22,500	10,700	13.6	37.2
Hort. Crop-1	Coconut	3.8	1430 nuts	22,880	16,900	35.9	186.4
Hort.Crop-2	Arecanut	6 Acre	13 q	455,000	229,800	18.2	30.6
Hort.Crop-3	Coffee	0.8	2.0	66,000	30,800	33.3	38.1
Hort.Crop-4	Ginger	1.5	156 q	405,600	181,920	>100.0	>100.0
Hort.crop-5	Banana	2.5	430 q	215,000	109,800	>100.0	>100.0
Livestock -1	Dairy (CB)	12	13725 l	384,300	173,500	45.2	127.7
Total				15,71,280	7,53,420		113.68

Brief: The farmer used to get annual income of Rs. 3,52,585/- from paddy, coconut, arecanut, pepper, coffee, maize and dairying. He faced problems of mastitis, fodder scarcity, repeat breeding, low yield, premature nut drop. DFI interventions on mastitis control measures, Fodder crops introduction and nutritional management of dairy animals, micronutrient management in arecanut, ginger rot management consultancies. Annual income increased by Rs. 7,53,420/-.



Mastitis control measures



Visit to Nutrient management in Banana field



Name of farmer : Anantha Yenu Marathi
Address : Kalugar, po:- Mnajuguni, Tq:-Sirsi.
Karnataka
Age : 48
Education : 2nd std.
Size of land holding (in acre) : 1.35

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	1.14	15 q	22,500	12,500
Livestock 1	Dairy (Local cattle)	2	610 l	15,250	8,600
Total				37,750	21,100

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Agri.crop-1	Paddy	1.0	13 q	22,100	7,900	-13.3	-36.8
Hort.Crop-1	Arecanut	0.35	0.5 q	17,500	11,000	>100.0	>100.0
Livestock -1	Dairy (Local cattle)	2	730 l	21,900	10,500	19.7	22.10
Livestock-2	Poultry- Meat (Kaveri breed)	55	55 Cockerels	45,000	31,000	>100.0	>100.0
	Poultry- Egg	45	2108 Nos	12,648	7,848	>100.0	>100.0
Total				1,19,148	68,248		223.45

Brief: The farmer used to get annual income of Rs. 21,100/- from paddy, arecanut and dairying. He faced problems of root grub, low yield, and premature nut drop. DFI interventions on introduction of improved backyard poultry for meat and eggs and nutritional management in arecanut. Getting annual income of Rs. **68,248/-**.



Guiding to produce azolla for feeding poultry birds



Kaveri breed poultry eggs



Name of farmer : Anantkumar Jayu Marathi
Address : Kodsegadde, po:- Devanalli, tq:-Sirsi
Karnataka
Age : 23
Education : 12th
Size of land holding (in acre) : 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	1.0	13 q	19,500	9,100
Hort. Crop	Arecanut	0.5	1.5 q	45,000	24,500
Livestock 1	Dairy (local cattle)	2	619 l	15,475	9,800
Total				79,975	43,400

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.crop-1	Paddy	0.5	7 q	12,600	5,900	-46.2	-35.2
Hort.Crop-1	Arecanut	1.0	2.5 q	87,500	43,800	66.	78.8
Livestock -1	Dairy (Local cattle)	2	740 l	22,200	12,400	19.5	26.5
Livestock-2	Poultry+meat (Kaveri breed)	184	184 Cockerels	101,200	45,500	>100.0	>100.0
	Poultry + egg	16	786	4716	2,950	>100.0	>100.0
Total				228,216	110550		154.72

Brief: The farmer used to get annual income of Rs. 43,400/- from paddy, Arecanut and dairying. He faced problems of low yield, premature nut drop. DFI interventions on introduction of improved backyard poultry for meat and eggs and nutritional management. Annual income increased by Rs. **110550/-**.



Improved Kaveri breed poultry unit promoted by KVK



Name of farmer : Dhaku Chenu Marathi
Address : Halasinaklu, po:- Manjuguni, Tq:-Sirsi
Karnataka
Age : 59
Education : 4th std
Size of land holding (in acre) : 1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	0.5	6 q	9,000	4,000
Hort. Crop	Arecanut	0.5	1.0 q	30,000	15,000
Livestock 1	Dairy (local cattle)	2	667 l	16,675	9,060
Total				55,675	28,060

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.crop-1	Paddy	0.5	7 q	12,600	5,500	16.7	37.50
Hort.Crop-1	Arecanut	0.5	1.5 q	52,500	26,100	50.0	74.00
Livestock -1	Dairy (Local cattle)	2	724 l	21,720	10,500	8.55	15.90
Livestock-2	Poultry +meat	83	63 Cockerels	47,250	25,500	>100.0	>100.00
Livestock-3	Poultry + egg	62	2461 Eggs	14,766	8,960	>100.0	>100.00
Total				148,836	76,560		172.84

Brief: The farmer used to get annual income of Rs. 28,060/- from paddy, Arecanut, Coconut and dairying. He faced problems of root grub, nut drop, and low yield. DFI interventions on introduction of improved backyard poultry for meat and eggs and micronutrient management in arecanut. Annual income increased by Rs.76,560/-.



Improved Kaveri breed poultry unit promoted and supported by KVK, UK, Sirsi



Name of farmer : Hemu Yanka Marathi
Address : Mundagar po:- Ragihosalli tq:-Sirsi
 Karnataka
Age : 40
Education : 7th std
Size of land holding (in acre) : 20 Gunta

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Arecanut	0.5	2.0 q	60,000	30,000
Livestock 1	Dairy (local cattle)	2	602 l	15,050	8,860
Total				75050	38,860

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort.Crop-1	Arecanut	0.5	2.5 q	87,500	56,900	25.0	89.7
Livestock -1	Dairy (Local cattle)	2	633 l	18,990	10,500	5.1	18.5
Livestock-2	Poultry+ meat	105	85 Cockerels	63,750	31,500	>100.0	>100.0
Livestock-3	Poultry + egg	70	1698 Eggs	10,188	6,460	>100.0	>100.0
Total				1,80,428	1,05,360		171.13

Brief: The farmer used to get annual income of Rs. 38,860/- from Arecanut and dairying. He faced problems of nut drop, low yield. DFI interventions on introduction of improved backyard poultry for meat and eggs and micronutrient management in arecanut. Annual income increased by Rs. 105,360/-.



Inspection of improved Kaveri breed poultry unit promoted and supported by KVK, UK, Sirsi



Eggs produced from backyard poultry unit



Name of farmer : Vishnu Shivu Gouda
Address : Badagi po:- Bandala tq:-Sirsi
Karnataka
Age : 64
Education : 9th std
Size of land holding (in acre) : 1.8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop-1	Paddy	1.0	10 q	15,000	7,800
Hort. Crop-1	Arecanut	0.18	0.3 q	12,000	8,100
Total				27,000	15,900

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	11.5 q	20,700	10,100	15.0	29.5
Hort.crop-1	Arecanut	0.18	0.40 q	16,500	11,500	33.30	42.0
Livestock-1	Poultry + meat (Kaveri breed)	80	73 Cockerels	54,750	34,500	>100.0	>100.0
	Poultry + egg	70	1248 eggs	7,488	4,160	>100.0	>100.0
Total				99,438	60,260		278.99

Brief: The farmer used to get annual income of Rs. 15,900/- from paddy and Arecanut. He faced problems of nut drop, low yield. DFI interventions on introduction of improved backyard poultry for meat and eggs and Nutrient management in arecanut. Annual income increased by Rs.60,260/-



Visited to improved Kaveri breed poultry unit promoted and supported by KVK, UK, Sirsi



Eggs produced from backyard poultry unit



Name of farmer : Venkatu Rupa Gouda
Address : Balekoppa po:- Ragihosalli tq:-Sirsi
 Karnataka
Age : 42
Education : 5th std.
Size of land holding (in acre) : 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri. Crop-1	Paddy	3.0	33 q	49,500	21,000
Livestock-1	Dairy (Local breed)	2	611 l	15,275	9,000
Total				64,775	30,000

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	3.0	33 q	59,400	25,200	0.0	20.0
Hort.crop-1	Areca nut	0.5	0.5 q	16,500	11,500	>100.0	>100.0
Livestock-1	Dairy (local breed)	1	349 l	10,470	5,500	-42.9	-38.9
Livestock-2	Poultry+ meat (Kaveri breed)	50	46 Cockerels	34,500	18,500	>100.0	>100.0
	Poultry + egg	50	1148 eggs	6,888	4,050	>100.0	>100.0
Total				1,27,758	64,750		115.83

Brief: The farmer used to get annual income of Rs. 30,000/- from paddy and Dairying. He faced problems of nut drop, low yield. DFI interventions on introduction of improved backyard poultry for meat and eggs and nutrient management in arecanut. Annual income increased by Rs.64,750/-.



Improved Kaveri breed poultry unit promoted and supported by KVK, UK, Sirsi



Azolla cultivation to feed poultry birds



Name of farmer : Shankar R Rangajjanavar
Address : Javalagundi, Chipgi post, Sirsi
Karnataka
Age : 46
Education : BA
Size of land holding (in acre) : 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy (CB)	11	22417.5 l	560,438	239,200
		500 sqft	280 q compost	42,000	37,000
Total				602,438	276,200

2) Status in 2020

Component		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Livestock 1	Dairy (CB)	15	36,380 l	12,73,300	509,320	62.3	112.9
		800 sq.ft	640 q compost	115,200	92,000	128.6	148.6
Total				13,88,500	6,01,320		117.71

Brief: The farmer used to get annual income of Rs. 2,76,200/- from sale of milk, manure and female calves. He faced problems of mastitis, reproductive failure, delayed maturity, low SNF. DFI interventions on prevention of mastitis, nutritional management, management of reproductive failure, good quality milk production, disease management. Annual income increased by Rs. 6,01,320/-.



Farm visit to inspect diarrhoea outbreak with Dr. Ganesh Hegde, RDL, Sirsi and suggested control measures



Examination and treatment of anoestrous heifers



Name of farmer : Rajesh Ganapati Arera
Address : Kelagina Esale, Landakanahalli, Dodnalli post, Sirsi
 Karnataka
Age : 26
Education : B.Com
Size of land holding (in acre) : 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5	30 q	45500	19,000
Field Crop 2	Maize	0.5	8 q	10400	6,600
Field Crop 3	Sugar cane Jaggery	0.5	6.6Q (Jaggery)	42240	26,400
Hort. Crop 1	Ginger	0.5	20 q	52000	21,700
Livestock 1	Dairy (Local)	2	382	11,460	6,460
Total		3		1,61,600	80,160

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Productio n	Income
Field Crop 1	Paddy	1.0	23 q	39600	24600	-23.3	29.5
Field Crop 2	Maize	1.0	18 q	28800	16400	125	148.5
Field Crop 3	Sugarcane Jaggery	0.25	4 q	32000	16800	-39.4	-36.4
Hort. Crop 1	Ginger	1.0	50 q	140000	63000	150.0	190.3
Livestock 1	Dairy (Local)	8	1040 l	31200	17200	172.3	166.3
Livestock 2	Dairy(Buffalo)	3	3 animals	120000	69100	>100.0	>100.0
Livestock 3	Goat	13	3 Kids +2 ton manure	32000	18000	>100.0	>100.0
Total				4,23,600	2,25,100		180.81

Brief: The farmer used to get annual income of Rs. 80,160/- from paddy, maize, jaggery, ginger, and Dairying. He faced problems of Ginger rhizome rot, low yield, FAW. DFI interventions on nutritional management, ICM in ginger, introduction of Goatery, buffalo farming, disease management. Annual income increased by Rs. 2,25,100/-.



Newly established Shirohi breed Goatery unit under ARYA project



Ginger rot management measures



Name of farmer : Jeevan Chakrasali
Address : Dharma colony, Malagi, Post, Mundagod
Karnataka
Age : 41
Education : SSLC
Size of land holding (in acre) : 1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0	22 q	33,000	16800
Livestock 1	Dairy (Cross breed)	1	2452 l	58,000	35300
Total				91,000	52,100

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Field Crop 1	Paddy	1.0	23 q	39600	24600	4.55	46.4
Field Crop 2	Maize	1.0	14 q	23800	12700	>100.0	>100.0
Livestock 1	Dairy (Cross breed)	12	17520 l	669200	334900	614.5	848.7
Total				7,32,600	3,72,200		614.40

Brief: The farmer used to get annual income of Rs. 52,100/- from paddy and dairying. He faced problems of mastitis, high cost of input, imbalanced nutrition, low SNF and Fat, low yield, periparturient diseases. DFI interventions on introduction of perennial Guinea grass, mastitis control, nutritional management, Silage making, disease control measures. Annual income increased by Rs. 3,72,200/-. In addition, there is cost saving of Rs. 87,300 in the production of milk.



Guinea grass fodder field at farmer field



Mastitis control measures at dairy farm



Name of farmer : Leela Devendra Shetty
Address : Landakanahalli, Chipgi Post, Sirsi Tq
 Karnataka
Age : 47
Education : 8th standard
Size of land holding (in acre) : 5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	0.75	13 q	20,800	18,600
Livestock 1	Dairy (Cross breed)	6	11810 liters	315,300	113,400
Total				3,36,100	1,32,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Coconut	0.75	23.75 q	69600	54000	82.7	190.3
Hort. Crop-2	Areca nut	0.5	5.5 q	192500	125500	>100.0	>100.0
Livestock 1	Dairy (CB)	18	37125 liters	1,133,750	465,400	214.4	310.4
Total				1,395,850	6,44,900		388.56

Brief: The farmer used to get annual income of Rs. 1,32,000/- from coconut and dairying. She faced problems of mastitis, high cost of input, imbalanced nutrition, low yield, reproductive failure, periparturient diseases, nut drops. DFI interventions on introduction of perennial grass, mastitis control, nutritional management, treatment of repeat breeder cows, disease control measures. Annual income increased by Rs. 6,44,900/-. In addition, there is cost saving of Rs. 57,000/- in the production of milk.



Dairy farm visit and suggested to nutritional management



Mastitis control measures at dairy farm



Name of farmer : Mahesh Shetty
Address : Chipgi, Village and Post, Sirsi Tq
Karnataka
Age : 41
Education : BA
Size of land holding (in acre) : 4.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort.crop-1	Arecanut	2	15 q	480,000	294,000
Hort. Crop 2	Banana (Intercrop)	2	540 q	324,000	211,000
Hort. Crop-3	Coconut	1.8	23.8 q	38000	29,500
Livestock 1	Dairy (Cross bred)	10	22850 l	574,875	216,500
Total				14,16,875	7,51,000

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Arecanut	4.0	40 q	1,520,000	836,000	166.7	184.4
Hort. Crop-2	Banana (Intercrop)	2.0	690 q	828,000	411,200	27.8	94.9
Hort.crop-3	Coconut	1.8	30.5 q	91,500	74,500	28.2	152.5
Livestock 1	Dairy (CB)	20	46,825 l	1,404,750	601,700	104.9	177.9
Total				38,44,250	19,23,400		156.11

Brief: The farmer used to get annual income of Rs. 7,51,000/- from Arecanut, Banana, coconut and dairying. He faced problems of Nut drop, low yield, mastitis, high cost of input, reproductive failure, periparturient diseases. DFI interventions on introduction of perennial grass, mastitis control, nutritional management, treatment of repeat breeder cows, disease control measures, ICM in arecanut. Annual income increased by Rs. 19,23,400/-.



New Hybrid Napier plot developed under KVK, UK, Sirsi guidance



Repeat breeding cow examination and treatment



Name of farmer : Ajith Ninganagouda
Address : Kerwad Village, Havagi Post, Haliyal Tq
 Karnataka
Age : 29
Education : ITI
Size of land holding (in acre) : 6.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.Crop-1	Paddy	2.5	27 q	35,100	18,550
Agri.crop-2	Sugarcane	1.5	250 q	40,000	22,600
Agri. Crop 3	Maize	1.0	9 q	8,100	4,360
Hort. Crop-1	Vegetables	0.5	7.7 q	9,240	5,300
Hort. Crop-2	Mango	0.2	2.2 q	3,520	2,600
Livestock 1	Dairy (local)	1	570 l	11,400	6,700
Total				1,07,360	60,110

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	2.5	30 q	51,000	27,400	11.1	47.7
Agri.crop-2	Sugarcane	1.5	500 q	115,000	71,800	100.0	217.7
Hort. Crop-1	Vegetables	0.5	14.4 q	17,280	11,400	87.0	115.1
Hort.crop-2	Mango	0.2	4.0 q	8,000	5,300	81.8	103.8
Livestock -1	Dairy (Local cross)	2	1455 l	40,740	21,500	155.3	220.9
Fisheries	Amur Carp	4356 sqft	3.9 q	35,600	24,900	>100.0	>100.0
Total				2,67,620	1,62,300		170.0

Brief: The farmer used to get annual income of Rs. 60,110/- from paddy, sugarcane, vegetables, mango and dairying. He faced problems of low yield, flower drop in mango mastitis, local varieties, high cost of input, low milk production. DFI interventions on introduction of ICM in mango, nutrient management, introduction of new varieties, fisheries in farm ponds, nutritional management. Annual income increased by Rs. 1,62,300/-



Fruit fly trap installed - ICM in mango



Amur common carp fish culture in farm pond



Name of farmer : Saven Venkatesh Vernekar
Address : Javalagundi, Dodnalli
Karnataka
Age : 47
Education : 7th Standard
Size of land holding (in acre) : 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Sugarcane Jaggery	0.25	5.5 q	26,800	17,700
Hort. Crop 1	Coconut	1.5	20.36 q	32,576	21,200
Hort. Crop-2	Cashew	0.3	2.2 q	7,700	5,500
Livestock 1	Dairy (CB)	6	9490 l	206,000	82,400
Tot				2,73,076	1,26,800

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.)	Producti on	Income
Hort. Crop-1	Sugarcane	0.25	6.1 q	48,800	25,800	10.9	45.8
Hort. Crop-2	Coconut	1.5	24.4 q	58,560	36,600	19.8	72.6
Hort.crop-3	Cashew	0.7	10.5 q	46,725	29,700	377.3	440.0
Livestock 1	Dairy (CB)	12	14235 l	484,400	227,980	50.0	176.7
Total				6,38,485	3,20,080		152.43

Brief: The farmer used to get annual income of Rs. 1,26,800/- from coconut, cashew and dairying. He faced problems of low yield, mastitis, high cost of input, reproductive failure, periparturient diseases. DFI interventions on introduction of mastitis control, nutritional management, treatment of repeat breeder cows, disease control measures. Annual income increased by Rs. 3,20,080/-.



Mastitis prevention measures



Repeat breeder cow treatment



Name of farmer : Umesh R Hegde
Address : Dodnalli, Sirsi Tq, Karnataka
Age : 60
Education : B. Pharma
Size of land holding (in acre) : 10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	6	90 q	117,000	52,650
Agri.crop-2	Sugarcane	0.5	15 q	72,000	41,500
Hort.crop-1	Arecanut	2.0	10 q	255,000	151,700
Hort. Crop 2	Pepper	1.0	1.2 q	41,000	22,200
Hort.Crop 3	Banana	1	120 q	88,000	53,800
Livestock 1	Dairy (CB)	4	2920 l	58,400	22,600
Total				6,31,400	3,44,450

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	5	86 q	146,200	52,800	-4.4	0.3
Hort. Crop-1	Arecanut	5	36 q	1,080,000	604,000	260.0	298.2
Hort.crop-2	Pepper	1	2 q	62,000	37,200	66.7	67.6
Livestock 1	Dairy (CB)	2	4380 l	122,640	66,400	50.0	193.8
Total				14,10,840	7,60,400		120.76

Brief: The farmer used to get annual income of Rs. 3,44,450/- from arecanut, banana, pepper, paddy, sugarcane and dairying. He faced problems of nut drop, low yield, mastitis, high cost of input. DFI interventions on introduction of perennial grass, mastitis control, nutritional management, ICM in black pepper, ICM arecanut. Annual income increased by Rs. 7,60,400/-.



Diagnostic visit to farmer dairy unit



Soil test based nutrient management in arecanut



Name of farmer : Subray Nagapathi Hegde
Address : Dodnalli, Sirsi Tq
Karnataka
Age : 61
Education : B.com
Size of land holding (in acre) : 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	1.50	22 q	28,600	16,900
Hort.crop-1	Arecanut	1.0	7 q	210,000	126,000
Hort. Crop 2	Coconut	0.25	4.15	6,640	4,100
Livestock 1	Dairy (CB)	2	2942 l	58,840	23,600
Total				3,04,080	1,70,600

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
Agri.Crop-1	Paddy	1.5	26 q	44,200	21,800	18.2	29.0
Hort. Crop-1	Arecanut	1.0	14 q	490,000	294,000	100.0	133.3
Hort.Crop-2	Coconut	0.25	5.4 q	12,960	8,180	30.1	99.5
Hort.crop-3	Pepper	0.5	1 q	24,000	13,500	>100.0	>100.0
Livestock -1	Dairy (CB)	2	4446 l	124,684	69,700	51.12	195.3
Total				6,95,844	4,07,180		138.68

Brief: The farmer used to get annual income of Rs. 1,70,600/- from arecanut, coconut, paddy, and dairying. He faced problems of premature nut drop, fruit rot, quick and slow wilt, low yield, mastitis, high cost of input. DFI interventions on introduction of ICM in arecanut, ICM in black pepper, mastitis control, nutritional management. Annual income increased by Rs. 4,07,180/-.



Soil test based nutrient management in arecanut



Application of Bioagents to arecanut



Name of farmer : Pradeep S Hegde
Address : Dodnalli, Sirsi Tq, Karnataka
Age : 45
Education : BE
Size of land holding (in acre) : 6.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	2.0	22 q	28,600	14,400
Hort.crop-1	Arecanut	2.15	21 q	525,000	271,000
Hort. Crop 2	Pepper	2.15	1.2 q	38,000	17,600
Livestock 1	Dairy (CB)	2	2190 l	43,800	21,500
Total				6,35,400	3,24,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	2.0	25Q	42,500	20,400	13.6	41.7
Hort. Crop-1	Arecanut	2.15	28 Q	840,000	462,000	33.3	70.5
Hort.Crop-2	Banana	3.0	350Q	175,000	84,500	>100.0	>100.0
Hort.Crop-3	pepper	2.15	3Q	75,000	38,900	150.0	121.0
Livestock -1	Dairy (CB)	2	3321.5 Liters	93,000	49,600	51.7	130.7
Total				12,25,500	6,55,400		101.97

Brief: The farmer used to get annual income of Rs. 3,24,500/- from arecanut, paddy, pepper and dairying. He faced problems of premature nut drop, fruit rot, quick wilt, slow wilt, low yield, mastitis, high cost of input. DFI interventions on introduction of ICM in arecanut, ICM pepper, sigatoka in banana, mastitis control, nutritional management, fodder crops. Annual income increased by Rs. 6,55,400/-.



Pepper quick wilt management



Bio-agent enrichment for foot rot disease



Name of farmer : Sripad Ganapathi Hegde
Address : Dodnalli, Sirsi Tq
Karnataka
Age : 60
Education : 10th std
Size of land holding (in acre) : 10.12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	7.0	72 q	93,600	42,200
Agri. Crop-2	Sugarcane	1.0	200 q	32,000	19,200
Hort.crop-1	Arecanut	1.15	8 q	240,000	133,700
Hort. Crop 2	Ginger	0.5	15 q	39,000	17,600
Livestock 1	Dairy (local)	4	1586 l	31,700	21,500
Total				436300	234200

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	6.0	82 q	139,400	64,600	13.9	53.1
Agri.crop-2	Sugarcane	0.125	3Q Jaggary	24,000	13,500	>100.0	100.0
Hort. Crop-1	Arecanut	4.0	24 q	720,000	396,000	200	196.2
Hort.Crop-2	Banana	2.0	250 q	125,000	68,700	>100.0	100.0
Livestock -1	Dairy CB)	3	3416 l	95,648	49,500	115.4	130.2
Total				1104048	592300		152.9

Brief: The farmer used to get annual income of Rs. 2,34,200/- from arecanut, paddy, sugarcane, ginger and dairying. He faced problems of premature Nut drop, fruit rot, ginger rot, low yield, low milk production, Mastitis, high cost of input. DFI interventions on introduction of ICM in arecanut, IDM in banana, mastitis control, nutritional management, fodder crops. Annual income increased by Rs. 5,92,300/-.



Soil test based micronutrient management in arecanut



Bio-agent application to Arecanut



Name of farmer : Lohith Manjunath Jogi
Address : Achanalli, Dodnalli panchayat, Sirsi Tq
 Karnataka
Age : 29
Education : Diploma
Size of land holding (in acre) : 5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	3.0	34 q	44,200	23,400
Agri.crop-2	Sugarcane	0.5	8.75 q	45,500	24,100
Hort.crop-1	Arecanut	2.0	4 q	120,000	61,500
Hort. Crop -2	Pepper	1.0	0.5 q	17,500	8,600
Hort.Cropt-3	Ginger	0.5	15 q	39,000	17,900
Livestock 1	Dairy (CB)	2	2562 l	51,240	21,500
Total				3,17,440	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
Agri.Crop-1	Paddy	1.0	17 q	28,900	15,300	-50.4	-34.6
Agri. Crop-2	Sugarcane	0.5	11.25 q	90,000	46,000	28.57	90.9
Hort. Crop-1	Arecanut	2.0	12 q	360,000	216,000	200.0	251.2
Hort.Crop-2	Banana	1.0	155 q	107,000	52,900	>100.0	>100.0
Hort.Crop-3	pepper	1.0	0.7 q	18,200	8,700	40.0	1.2
Livestock -1	Dairy (CB)	2	3421 l	95,788	52,600	33.5	144.7
Total				6,99,888	3,91,500		149.36

Brief: The farmer used to get annual income of Rs. 1,57,000/- from arecanut, paddy, pepper, sugarcane, ginger and dairying. He faced problems of premature Nut drop, fruit rot, quick wilt, slow wilt, low yield, mastitis, high cost of input, local varieties. DFI interventions on introduction of ICM in arecanut, Introduction of grafted pepper, Udayam and Nendran varieties banana introduction, mastitis control, nutritional management, fodder crops. Annual income increased by Rs. 3,91,500/-.



Mastitis preventive measures



Introduction of Udayam banana variety



Name of farmer : Satish S Gowda
Address : Achanalli, Dodnalli panchayat, Sirsi Tq
Karnataka
Age : 44
Education : BA
Size of land holding (in acre) :5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	3.0	46 q	59,800	26,300
Agri.crop-2	Sugarcane	0.5	12.5 q	60,000	34,100
Hort.crop-1	Areca nut	0.05	3 q	90,000	50,500
Hort.Cropt-2	Ginger	0.75	41 q	123,000	49,900
Livestock 1	Dairy(CB)+	3	3643 l	72860	25501.0
	Buffalo	3	1830 l	45750	1602.0
Total				4,51,410	1,87,903

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	18	30,600	14,800	-60.9	-43.7
Agri. Crop-2	Sugarcane	0.5	17.75 q	142,000	70,600	42.0	107.0
Hort. Crop-1	Areca nut	2.20	14	420,000	252,000	366.7	399.0
Hort.Crop-2	Ginger	0.125	8.2	22,140	11,200	-80.0	-77.6
Livestock -1	Dairy(CB)+	5	6612 l	185136	72614	81.5	184.7
	Buffalo	3	2440 l	85400	38160	33.33	2282
Tota				8,85,276	4,59,374		144.47

Brief: The farmer used to get annual income of Rs. 1,87,903/- from Areca nut, paddy, sugarcane, Ginger and dairying. He faced problems of premature Nut drop, fruit rot, ginger rot, mastitis, reproductive failure, high cost of input. DFI interventions on introduction of ICM in areca nut, ICM in Ginger, mastitis control, treatment of repeat breeder and anestrus nutritional management, fodder crops. Annual income increased by Rs. 4,59,374/-.



Mastitis preventive measures



Application of lime –ICM in Areca nut



Name of farmer : Satyanarayana Hegde
Address : Dodnalli panchayat, Sirsi Tq
 Karnataka
Age : 60
Education : SSLC
Size of land holding (in acre) : 1.20

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	1.0	13 q	16,900	7,800
Hort.crop-1	Arecanut	0.25	1 q	30,000	15,600
Hort.Cropt-2	Ginger	0.25	4 q	10,800	5,400
Livestock 1	Dairy (Cross breed)	1	1220 l	24,400	12,100
Total				82,100	40,900

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	15 q	25,500	12,400	15.4	59.0
Hort. Crop-1	Arecanut	0.25	3 q	90,000	49,100	200.0	214.7
Hort.Crop-2	Ginger	0.25	8 q	45,000	26,200	100.0	385.2
Livestock -1	Dairy (Crossbreed)	1	3690.0	103,320	55,800	202.5	361.2
Total				2,63,820	1,43,500		250.86

Brief: The farmer used to get annual income of Rs. 40,900/- from Arecanut, paddy, ginger and dairying. He faced problems of premature nut drop, fruit rot, ginger rot, mastitis, high cost of input. DFI interventions on introduction of ICM in arecanut, Ginger consultancy, periparturient disease management, nutritional management, fodder crops. Annual income increased by Rs. 1,43,500/-.



Guinea grass seeds bed sowing



Consultancy on ginger crop management



Name of farmer : Krishna Venkataramana Hegde
Address : Dodnalli panchayat, Sirsi Tq
 Karnataka
Age : 63
Education : SSLC
Size of land holding (in acre) : 3.20

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.crop-1	Paddy	1.10	14 q	18,200	8,800
Agri.crop-2	Sugarcane (J)	0.25	6.25	40,000	21,400
Hort.crop-1	Arecanut	1.10	5.5 q	165,000	80,200
Livestock 1	Dairy (cross bred)	5	3965 l	79,300	30,800
Total				3,02,500	1,41,200

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
Agri.Crop-1	Paddy	1.10	18Q	30,600	16,300	28.6	85.2
Agri.crop-2	Sugarcane (J)	0.25	10.0	80,000	43,500	60.0	103.3
Hort. Crop-1	Arecanut	1.10	8.5 Q	255,000	153,700	54.5	91.6
Hort. Crop-2	Pepper	0.20	1.2Q	45,000	24,500	>100.0	>100.0
Livestock -1	Dairy (Cross bred)	2	2920 liters	81,760	44,960	-26.4	46.0
Total				4,92,360	2,82,960		100.4

Brief: The farmer used to get annual income of Rs. 1,41,200/- from arecanut, paddy, sugarcane and dairying. He faced problems of premature Nut drop, fruit rot, foot rot in black pepper, mastitis; repeat breeding, high cost of input. DFI interventions on introduction of ICM in Pepper, repeat breeding management, nutritional management, fodder crops. Annual income increased by Rs. 2,82,960/-.



Guinea grass introduction in arecanut



Bio-agent application in compost to pepper



Name of farmer : Pareshegde
Address : Belagundli Village, Umachagi Post, Yellapur Tq
 Karnataka
Age : 28
Education : B com
Size of land holding (in acre) : 3.20

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.Crop-1	Paddy	1.0	8.0 q	12000	6600
Hort. Crop-1	Areca nut	2.20	14 q	420000	213400
Hort. Crop-1	Black pepper	2.20 (Mixed crop)	2 q	80000	41600
Hort. Crop-1	Banana	0.50	14 q	7000	3750
Livestock 1	Dairy (CB)	03	5490 l	109800	43920
Livestock 1	Dairy (Buffalo)	02	1830	45750	20580
Total				6,74,550	3,29,850

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	12 q	21600	10800	50.0	63.6
Hort. Crop-1	Areca nut	2.20	22 q	770000	400400	57.1	87.63
Hort. Crop-1	Black pepper	2.20 Mixed crop	5 q	175000	89250	150.0	114.5
Livestock -1	Dairy (CB)	02	6710 l	187880	78900	22.2	79.6
Livestock -1	Dairy-Buffalo	01	1220 l	39040	17560	-33.3	-14.7
Nursery	Plantation crops	0.05	5800 no	116000	62800	>100.0	>100.0
Total				13,09,520	6,59,710		100.0

Brief: The farmer used to get annual income of Rs. 3,29,850/- from paddy, areca nut, black pepper, banana and dairying. He faced problems of low yield, nut drop in arecanut, foot rot disease in pepper, mastitis, local varieties, high cost of input, low milk production. DFI interventions on introduction of ICM in black pepper, nutrient management and introduction of nursery. Annual income increased by Rs. 6,59,710/-



Integrated nutrient management in Areca nut



Nursery intervention under ARYA project



Name of farmer : Ashok Hegde
Address : Honitota Village, Chouthi Post, Yellapur Tq
 Karnataka
Age : 27
Education : LLB
Size of land holding (in acre) : 9.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.Crop-1	Paddy	1.0	12	18000	9360
Hort. Crop-1	Areca nut	7.0	36	1080000	550800
Hort. Crop-1	Black pepper	7.0	07	280000	142800
Hort. Crop-1	Coconut	1.83	17.5 q	28000	17800
Livestock 1	Dairy (CB)	06	9150 liter	183000	73200
Total				15,89,000	7,93,960

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	16 q	28800	14500	33.3	54.9
Hort. Crop-1	Areca nut	8.0	60 q	2100000	1071000	66.70	94.4
Hort. Crop-1	Black pepper	7.0	19 q	665000	345800	171.4	142.15
Hort. Crop-1	Coconut	1.83	27.5	66000	39600	57.14	122.4
Livestock -1	Dairy (CB)	04	7320 l	204960	81800	20.0	11.75
Nursery	Plantation	0.05	4200 no	84000	45600	>100	>100
Total				31,48,760	15,98,300		101.31

Brief: The farmer used to get annual income of Rs. 7,93,960/- from paddy, arecanut, black pepper and dairying. He faced problems of low yield, nut drop in arecanut, foot rot disease in pepper, mastitis, local varieties, high cost of input, low milk production. DFI interventions on introduction of ICM in black pepper, nutrient management and introduction of nursery. Annual income increased by Rs. 15,98,300/-



ICM in Black pepper



Nursery intervention under ARYA project



Name of farmer : Subramani K Bhat
Address : Kudavalli Village, kallabbe Post, KumtaTq
 Karnataka
Age : 34
Education : B.ed.
Size of land holding (in acre) : 1.14

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Coconut	0.5	3.6 q	7200	4680
Hort. Crop-1	Areca nut	1.14	14 q	420000	218400
Hort. Crop-1	Black pepper	1.14	0.06 q	2400	1400
Hort. Crop-1	Nut meg	0.094	0.10 q	2800	1800
Hort. Crop-1	Banana	0.025	2 q	2000	1200
Livestock 1	Dairy (CB)	01	1830	36600	14640
Total				4,71,000	2,42,120

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Coconut	0.5	7 q	16800	10920	94.4	133.3
Hort. Crop-1	Areca nut	1.14	23 q	805000	418600	64.3	91.7
Hort. Crop-1	Black pepper	1.14	0.3 q	9000	4300	400.0	207.1
Hort. Crop-1	Nut meg	0.094	0.35q	12500	8500	250.0	372.2
Hort. Crop-1	Banana	0.038	8 q	5600	3900	300.0	225.0
Livestock -1	Dairy(CB)	01	2440	68320	28500	33.3	94.7
Nursery	Plantation crops	0.05	2200 no	44000	16800	>100	>100.0
Total				9,61,220	4,91,520		103.01

Brief: The farmer used to get annual income of Rs. 2,42,120/- from areca nut, black pepper, coconut, banana, nutmeg and dairying. He faced problems of low yield, nut drop in areca nut, foot rot disease in pepper, mastitis, local varieties, high cost of input, poor nutrient management in coconut and nutmeg. DFI interventions on introduction of ICM in black pepper, nutrient management and introduction of nursery. Annual income increased by Rs. 4,91,520/-



ICM in Black pepper



Nursery intervention



Name of farmer : Prasanna M Bhat
Address : Balekoppa Village, Bedasgoa Post, Mundagod tq
 Karnataka
Age : 30
Education : B.A
Size of land holding (in acre) : 4.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Coconut	1.0	22.5	45000	28500
Hort. Crop-1	Areca nut	2.20	17 q	510000	265200
Hort. Crop-1	Turmeric	0.20	10 q	4000	2200
Livestock 1	Dairy (CB)	02	1830	36600	14600
Total				5,95,600	3,10,500

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
Hort. Crop-1	Coconut	1.0	31 q	74400	46128	37.80	61.9
Hort. Crop-1	Areca nut	3.0	30 q	805000	418600	76.5	57.8
Hort. Crop-1	Cardamom	0.20	0.5 q	45000	22400	>100.0	>100.0
Hort. Crop-1	Banana	0.14	25 q	12500	6900	>100.0	>100.0
Livestock -1	Dairy (CB)	03	4500	126000	50400	145.9	245.2
	Dairy (Buffalo)	01	915	29280	15200	>100.0	>100.0
Nursery	Plantation crops	0.05	6200 no	124000	68200	>100.0	>100.0
Total				12,16,180	6,27,828		102.2

Brief: The farmer used to get annual income of Rs. 3,10,500/- from arecanut, coconut, turmeric and dairying. He faced problems of low yield, nut drop in areca nut, poor nutrient management in coconut, crop diversification, mastitis, local varieties, high cost of input. DFI interventions on introduction of ICM in Arecanut and coconut, nutrient management and introduction of nursery. Annual income increased by Rs. 6,27,828/-



Integrated disease management in cardamom



Nursery intervention under ARYA project



Name of farmer : Prakash
Address : Gonur Village, Korlakatta Post, Sirsi tq
Karnataka
Age : 33
Education : B.A
Size of land holding (in acre) : 5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.Crop-1	Sugarcane (J)	0.10	4 q	24000	13200
Agri.Crop-2	Paddy	1.0	12 q	18000	9500
Agri.Crop-3	Maize	0.30	18 q	16200	9500
Hort. Crop-1	Banana	3.0	50 q	40000	20800
Livestock 1	Dairy (CB)	02	3660	73200	29280
	Buffalo	01	915	22875	10800
Total				1,94,275	93,080

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	1.0	16 q	28800	16500	33.3	73.7
Agri.Crop-2	Maize	1.0	22 q	26400	16200	22.2	70.5
Agri.Crop-3	Sugarcane(J)	0.10	5.0 q	40000	22000	25.0	65.4
Hort. Crop-1	Areca nut	2.20	5.0 Q	175000	96250	>100.0	>100.0
Hort. Crop-1	Vegetable	0.10	15 q	15000	10200	>100.0	>100.0
Livestock -1	Dairy (CB)	02	4880	136640	56800	33.3	94.0
Nursery	plantation		3000 no	60000	36500	>100.0	>100.0
Tot				4,81,840	2,54,450		173.37

Brief: The farmer used to get annual income of Rs. 93,080/- from sugarcane, paddy, maize, banana and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, mastitis, local varieties, high cost of input. DFI interventions on introduction of new crops, INM and IPM and introduction of nursery. Annual income increased by Rs. 2,54,450/-



Integrated disease management in Capsicum



areca nut

Integrated disease management in arecanut



Name of farmer : Shivaraj Naik
Address : Tenginsaea Village, Hokkal Post, Siddapur tq
 Karnataka
Age : 26
Education : SSLC
Size of land holding (in acre) : 2.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Arecanut	2.0	15 q	450000	226500
Hort. Crop-2	Banana	0.3	10 q	8000	4800
Livestock 1	Dairy (CB)	01	1525 l	30500	12800
Total				488500	244100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Inco me
Hort. Crop-1	Arecanut	2.0	21 q	735000	374850	40.0	65.5
Hort. Crop-1	Black pepper	0.20 (Mixed crop)	0.5 q	16000	8800	>100.0	>100.0
Hort. Crop-1	Cardamom	0.10 (Intercrop)	0.06 q	18000	10800	>100.0	>100.0
Hort. Crop-1	Banana	0.30 (Intercrop)	15 q	12000	6600	50.0	37.50
Livestock -1	Dairy (CB)	01	2135	59780	23912	40.0	86.81
Nursery	plantation	0.05	5800 no	116000	63800	>100.0	>100.0
Total				956780	488762		100.23

Brief: The farmer used to get annual income of Rs. 244100/- from arecanut, banana and dairying. He faced problems of low yield, premature nut drop, pest and disease incidence, poor nutrient management, crop diversification, mastitis, local varieties, high cost of input. DFI interventions on introduction of new crops and INM and IPM and introduction of nursery. Annual income increased by Rs. 488762/-



Integrated disease management in areca nut and banana



Integrated disease management in black pepper



Name of farmer : Jaffer Ahemedh shunti
Address : Kulve Village, Padambail Post, Sirsi tq
Karnataka
Age : 45
Education : B Com
Size of land holding (in acre) : 5.26

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri Crop-1	Maize	2.0	36 q	32400	17800
Hort. Crop-1	Drumstick	3.0	220 q	264000	158400
Total				296400	176200

2) Status in 2020

Component Description		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	2.20	600 q	300000	156000	>100	>100
Hort. Crop-1	Papaya	2.00	280 q	252000	128520	>100	>100
Hort. Crop-1	Guava	1.00	5 q	10000	6800	>100	>100
Livestock -1	Sheep	80 no	20 no	180000	72000	>100	>100
Total				742000	363320		106.2

Brief: The farmer used to get annual income of Rs. 176200 /- from maize, drumstick and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input. DFI interventions on introduction of new crops and INM and IPM in banana ,papaya and guava and introduction of sheepary. Annual income increased by Rs. 363320 /-



Panama disease in banana



Panama disease management by using stem injection method



Name of farmer : Mahesh C Sannalingannanavar
Address : Banavasi Village, Banavasi Post, Sirsi tq
 Karnataka
Age : 46
Education : PUC
Size of land holding (in acre) : 12.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Pineapple	3.0	350 q	210000	102000
Hort. Crop-1	Banana	2.0	290 q	203000	106000
Hort. Crop-1	Turmeric	1.0	45 Q	90000	54000
Hort. Crop-1	Arecanut	6.0	3 q	90000	49500
Livestock -1	Dairy (CB)	01	1220	24400	9760
	Dairy(Buffalo)	01	915	22875	10200
Total				640275	331460

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Arecanut	7.0	11 q	385000	200200	266.7	304.4
Hort. Crop-1	Papaya	3.0	660 q	594000	309000	>100.0	>100.0
Hort. Crop-1	Turmeric	2.0	128 q	192000	99800	180.4	84.8
Livestock -1	Dairy (CB)	02	3660	102480	40992	200.0	320.00
	Dairy (Buffalo)	01	1220	39040	17568	31.1	72.23
Total				1312520	667560		101.40

Brief: The farmer used to get annual income of Rs. 331460 /- from pineapple, banana, turmeric, arecanut and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input. DFI interventions on introduction of new crops and INM and IPM in arecanut, papaya and turmeric and introduction of cross breed. Annual income increased by Rs. 667560/-



Integrated nutrient management in turmeric



Integrated nutrient management in areca nut



Name of farmer : Lokesh Gangadar Naik
Address : Hebbail Village, Uppina pattana Post, Kumta tq
 Karnataka
Age : 38
Education : PUC
Size of land holding (in acre) : 1.20

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Arecanut	1.20	8 q	240000	122800
Hort. Crop-1	Banana	1.00 (Intercrop)	45 q	31500	17200
Hort. Crop-1	Coconut	50 (Border crop) 1.0	15 q	24000	14800
Hort. Crop-1	Black pepper	1.00 (Mixed crop)	0.5 q	20000	10300
Livestock -1	Dairy (CB)	02	3660	73200	29400
Total				388700	194500

2) Status in 2020

Component Description		Period 2020-21				% increase over	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Arecanut	1.20	13.0 q	455000	236400	62.50	62.5
Hort. Crop-1	Banana	1.00 (Intercrop)	72 q	36800	22400	60.0	30.2
Hort. Crop-1	Coconut	1.0	22.50 q	54000	35800	50.0	44.9
Hort. Crop-1	Black pepper	1.00 (Mixed)	2.50 q	87500	48900	400.0	374.8
Nursery	Black pepper	0.025	350	17500	10200	>100.0	>100.0
Livestock -1	Dairy (CB)	02	4880	136640	55200	33.3	87.8
Total				787440	408900		110.23

Brief: The farmer used to get annual income of Rs. 194500/- from arecanut, banana, coconut, black pepper and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input, foot rot disease in black pepper. DFI interventions on ICM in Black pepper and INM and IPM in arecanut, coconut, banana and introduction of cross breed. Annual income increased by Rs. 408900/-



Foot rot disease management in black pepper



Integrated nutrient management in black pepper



Name of farmer : Ramesh Yellari Patil
Address : Kerwad Village, Havagi Post, Haliyal tq
 Karnataka
Age : 30
Education : 3 rd
Size of land holding (in acre) : 2.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri Crop-1	Maize	1.0	30 q	27000	14200
Agri Crop-2	Paddy	0.20	6 q	9000	4700
Hort. Crop-1	Mango	0.20	6 q	12000	7800
Livestock -1	Dairy (CB)	01	2745	54900	21960
Livestock -2	Buffalo	02	1830	45720	20500
Total				148620	69160

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Agri Crop-1	Sugarcane	0.20	250 q	50000	27400	>100.	>100.0
Agri Crop-2	Maize	0.20	18 q	21600	11880	-40.0	-16.3
Agri Crop-3	Paddy	0.20	10 q	18000	9100	66.66	93.6
Hort. Crop-1	Vegetable	0.20 (Intercrop)	80 q	64000	34800	>100.	>100.0
Hort. Crop-1	Mango	0.20	14 q	35000	21100	133.3	170.5
Livestock -1	Dairy (CB)	01	3660	102480	40100	33.3	82.60
Livestock -2	Dairy(Buffalo)	02	2440	78080	35300	33.3	72.2
Total				369160	179680		159.80

Brief: The farmer used to get annual income of Rs. 69160/- from maize, paddy, mango and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input. DFI interventions on ICM in mango and INM and IPM in paddy, sugarcane, maize and introduction of vegetable. Annual income increased by Rs. 179680/-



Integrated crop management in mango



Integrated crop management in vegetable



Name of farmer : Duming Santhan Gonslves
Address : Kerwad Village, Havagi Post, Haliyal tq
 Karnataka
Age : 36
Education : 10th
Size of land holding (in acre) : 9.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri Crop-1	Maize	2.0	32 q	28800	16100
Agri Crop-2	Paddy	3.0	30 q	45000	23400
Hort. Crop-1	Mango	3.0	35 q	70000	39800
Livestock -1	Dairy (CB)	01	1830	36600	14800
Livestock -2	Dairy (Buffalo)	04	3058	76450	34400
Total				256850	128500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri Crop-1	Sugarcane	3.0	980 q	196000	101920	>100.0	>100.0
Agri Crop-2	Maize	2.00 (Intercrop)	45 q	54000	32800	40.6	103.7
Agri Crop-3	Paddy	3.0	38 q	68400	36200	26.6	54.7
Hort. Crop-1	Mango	3.0	65 q	162500	84400	85.7	112.1
Livestock -1	Dairy (CB)	01	2135	59780	23900	16.7	61.5
Livestock -2	Dairy Buffalo	04	4575	146400	64800	49.60	88.4
Total				687080	344020		167.72

Brief: The farmer used to get annual income of Rs. 128500/- from maize, paddy, mango and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input. DFI interventions on ICM in mango and INM and IPM in paddy, sugarcane, maize. Annual income increased by Rs. 344020/-



Integrated crop management in mango



Diagnostic visit to buffalo farm



Name of farmer : Mahadev N Sathmankar
Address : Tippangeri Village, Gundolli Post, Haliyal tq
 Karnataka
Age : 60
Education : 6th
Size of land holding (in acre) : 5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri Crop-1	Sugarcane	2.0	600 q	108000	56160
Agri Crop-2	Paddy	2.0	21 q	31500	17100
Hort. Crop-1	Mango	0.20	6 q	12000	8100
Hort. Crop-2	Vegetable	0.20	10 q	9000	5900
Livestock -1	Dairy (CB)	02	1830	45750	21200
Total				206250	108460

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Agri Crop-1	Sugarcane	2.20	950 q	190000	97200	58.3	73.1
Agri Crop-2	Paddy	2.00	26 q	46800	23800	23.8	39.2
Agri Crop-3	Mango	0.20	15 q	38900	22100	150	172.8
Hort. Crop-1	Vegetable	0.20 (Intercrop)	16 q	16000	9200	60.0	55.9
Livestock -2	Dairy (CB)	04	4880	156160	70272	166.7	231.5
Total				447860	222572		105.21

Brief: The farmer used to get annual income of Rs. 108460/- from maize, paddy, sugarcane, mango and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, crop diversification, local varieties, high cost of input. DFI interventions on ICM in mango and INM and IPM in paddy, sugarcane, maize. Annual income increased by Rs. 222572/-



Integrated crop management in mango



Integrated crop management in vegetable



Name of farmer : Ramachandra Ganapathi Hegde
Address : Bidrakeni Village, Kallabbe Post, Kumta tq
 Karnataka
Age : 54
Education : PUC
Size of land holding (in acre) : 2.15

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Arecanut	2.15	20 q	600000	306000
Hort. Crop-2	Black pepper	1.0 (Mixed crop)	1.15 q	46000	24800
Hort. Crop-3	Nutmeg	0.87 (Intercrop)	6.0 q	90000	48600
Hort. Crop-4	Coconut	3.0 (Border)	24 q	38400	23900
Hort. Crop-5	Banana	1.0 (Intercrop)	17 q	13600	9400
Livestock -1	Dairy (Local)	08	3050	61000	28400
Total				849000	441100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop-1	Arecanut	2.15	32 q	1120000	582400	60.0	90.3
Hort. Crop-2	Black pepper	1.0 (Mixed crop)	2.0 q	70000	36400	73.9	46.8
Hort. Crop-3	Nutmeg	0.87 (Intercrop)	8.0 q	240000	132000	33.3	171.6
Hort. Crop-4	Coconut	3.0 (Border)	27.5 q	66000	40200	14.6	68.2
Hort. Crop-5	Banana	1.0 (Intercrop)	40 q	20000	12300	135.3	30.9
Livestock -1	Dairy	10	5490	153720	61488	80.0	116.51
Livestock -1	Dairy (Buffalo)	01	1220	39040	17800	>100.0	>100.0
Total				1708760	882588		100.09

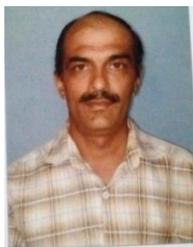
Brief: The farmer used to get annual income of Rs. 441100/- from arecanut, black pepper, nutmeg, coconut, banana and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, local varieties, high cost of input. DFI interventions on ICM in Black pepper and INM and IPM in arecanut, coconut, nutmeg, banana. Annual income increased by Rs. 882588 /-



Integrated disease management in black pepper



Integrated disease management in areca nut



Name of farmer : Jayanth S Hegde
Address : Kabbagaru Village, Devisara Post, Siddapur tq
 Karnataka
Age : 45
Education : PUC
Size of land holding (in acre) : 5.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri.Crop-1	Paddy	3.0	30 q	45000	22900
Hort. Crop-1	Arecanut	1.20	12 q	360000	187200
Hort. Crop-2	Black pepper	1.0 (Mixed crop)	1.50 q	60000	31800
Hort. Crop-3	Coconut	2.0 (Border)	29.0	46400	26800
Hort. Crop-4	Banana	1.0 (Intercrop)	15 q	10500	5900
Livestock -1	Dairy (CB)	04	3050	61000	24300
Total				582900	298900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri.Crop-1	Paddy	3.0	38 q	68400	35600	26.7	55.5
Hort. Crop-1	Arecanut	1.20	16 q	560000	291200	33.3	55.6
Hort. Crop-2	Black pepper	1.0	2.50 q	87500	45600	66.7	43.4
Hort. Crop-3	Coconut	2.0 (Border)	32.50	78000	42600	12.1	59.0
Hort. Crop-4	Banana	1.0	35 q	17500	9900	133.3	67.8
Hort. Crop-4	Vegetable	0.20	90 q	135000	71100	>100.0	>100.0
Nursery	Arecanut	0.05	2800	56000	30800	>100.0	>100.0
Livestock -1	Dairy (CB)	04	4575	128100	51300	50.0	111.1
Livestock -1	Vermi compost	2178 sqft	80 q	64000	38400	>100.0	>100.0
Total				1194500	616500		106.26

Brief: The farmer used to get annual income of Rs. 298900/- from paddy, areca nut, black pepper, coconut, banana and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, local varieties, high cost of input. DFI interventions on INM and IPM in paddy, arecanut, and coconut, black pepper, banana and newly introduced nursery and Vermi-composting. Annual income increased by Rs.616500/-



Nursery intervention under ARYA project



Name of farmer : Swetha V Hegde
Address : Gllejeddi Village, Devisara Post, Siddapur tq
Karnataka
Age : 36
Education : PUC
Size of land holding (in acre) : 2.20

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop-1	Areca nut	2.20	8.0 q	240000	124500
Hort. Crop-1	Black pepper	1.0 (Mixed crop)	0.5 q	20000	11200
Hort. Crop-2	Banana	1.0 (Intercrop)	10 q	9000	4900
Hort. Crop-3	Cardamom	0.20 (Intercrop)	0.25 q	75000	40500
Livestock -1	Dairy (CB)	02	2440	48800	19500
Livestock -1	Buffalo	01	1220	30500	13500
Total				423300	214100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Product ion	Income
Hort. Crop-1	Areca nut	2.20	12 q	420000	218400	52.50	75.4
Hort. Crop-2	Black pepper	1.0 (Mixed crop)	0.7 q	24500	12800	40.0	14.3
Hort. Crop-3	Banana	1.0 (Intercrop)	19 q	11400	5900	90.0	20.4
Hort. Crop-4	Cardamom	0.20 (Intercrop)	0.35 q	122500	68200	40.0	68.4
Nursery	Plantation crop	0.05	3800	76000	41800	>100	>100
Livestock -1	Dairy (CB)	04	5490	153720	61488	12.5	215.32
Livestock -1	Dairy (Buffalo)	01	1520	48640	21880	24.6	62.1
Total				856760	430468		101.06

Brief: The farmer used to get annual income of Rs. 214100/- from areca nut, black pepper, banana, cardamom and dairying. He faced problems of low yield, pest and disease incidence, poor nutrient management, local varieties, high cost of input. DFI interventions on INM and IPM in areca nut, cardamom, black pepper, banana and newly introduced nursery. Annual income increased by Rs.430468/-



Integrated disease management in cardamom



Nursery intervention under ARYA project



Name of farmer : Vinoda S Jogi
Address : Dodnalli (P), Sirsi
 Karnataka
Age : 32
Education : 10th
Size of land holding (in acre) : 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Agri Crop 1	Paddy	1.00	12 q	18000	9200
Agri Crop 2	Sugarcane (J)	0.10	10 q	50000	28300
Hort. Crop 1	Ginger	0.15	08 q	12000	7200
	Banana	0.15	2.0 q	2000	1220
Livestock 1	Dairy(CB)	02	3240 l	64800	29920
Total				146800	75840

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Agri Crop 1	Paddy	1.20	19 q	34200	17900	58.3	84.6
Agri crop 2	sugarcane	0.20	21 q (jaggery)	168000	84800	5.00	199.65
Hort. Crop 1	Ginger	2.0 (lease)	92 q	230000	126500	1050.00	1656.94
Livestock 1	Dairy(CB)	02	4300 l	121600	60800	32.71	103.2
Other enterprise (Specify)	Poultry	200	200 No.s	35100	13500	>100.00	>100.0
Total				588900	303500		300.18

Brief: The farmer used to get annual income of Rs. 75840/- from sale of Paddy, Sugarcane, Ginger, Banana, milk. He faced problems of nut drop, ginger rot, panama wilt and mastitis, reproductive failure, delayed maturity, low SNF. With DFI interventions on ICM in Ginger, Arecanut and prevention of mastitis, nutritional management, management of reproductive failure, good quality milk production, he is getting annual income of Rs. 303500/-.



Diagnostic visit to ginger plot



Integrated crop management in ginger

Name of farmer : Virendra S Gouda
 Address : Achanalli, Dodnalli (P), Sirsi, Karnataka
 Age : 35
 Education : B.A
 Size of land holding (in acre) : 7.03

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5.0	80 q	120000	62200
Field Crop 2	Sugar cane	2.0	7.50 q	48000	23800
Hort. Crop 1	Ginger	0.2	10 q	22000	10400
Livestock 1	Cattle (country)	2 no	730	14600	7800
Total				204600	104200

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.5	30 Q	54000	28100	-62.5	-54.8
Field Crop 2	Sugarcane	2.0	18 Q jaggery	144000	74500	140.00	213.0
Hort. Crop 1	Ginger	1.0	80 Q	176000	88200	700.00	748.08
Livestock 1	Cattle (CB)	02	3850 l	107800	62800	427.30	705.1
	Buffalo	04	1460 l	46700	34600	100.00	100.0
Total				528500	288200		176.58

Brief: The farmer used to get annual income of Rs. 104200/- from paddy, sugarcane, jaggery, ginger, and milk. He faced problems of rhizome rot, low yield, mastitis, reproductive failure, fodder scarcity etc. With DFI interventions on nutritional management, ICM in ginger, prevention of mastitis, fodder crop, reproductive management. Now he is getting annual income of Rs. 288200/-.



Diagnostic visit to ginger plot



Treatment of repeat breeding



Name of farmer : Prakash s/o Shanta Veerappa
Address : Tamburgi village, Mundgod taluk, Salgoan post
 Karnataka
Age : 43 years
Education : BA
Size of land holding (in acre): 1 ac

1) 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	Maize	1	15 q	23245	11500
Total		1		23245	11500

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	producti on	income
Tree Crop 1	Mahagony tree	0.75					
Seri. Crop 2	Mulberry (V -1)	0.75	3.5 q	80000	30000	>100.00	>100.00
Hort. Crop 1	Drumstick (Boundary)	0.05	0.6 q	3500	1800	>100.00	>100.00
Hort. Crop 2	Turmeric (Local)	0.20	0.7 q	4000	1200	>100.00	>100.00
Livestock 1	Goat	3 nos	3 no	28000	14500	>100.0	>100.00
Total		1.75		115500	47500		313.04

Brief: The farmer used to get annual income of Rs.11500/- from sole Maize cultivation. He faced problems with Low yield, lower price, Marketing, etc. With DFI interventions of introduction drumstick, Turmeric, Goat with IFS concept and trainings etc., he is getting annual income of Rs **47500/-**



Sole Maize crop cultivation plot



Field visit at Mulberry intercropped with mahagony



Name of farmer : Hanumanthappa Lamani
Address : Karaginakoppa, Mundagod, Uttara Kannada
 Karnataka
Age : 55 years
Education : BA
Size of land holding (in acre): 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	01 acre (Rabi)	07 q	42000.00	27000.00
Total					27000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Guava	0.25	108 q	80000.00	25000.00	>100	>100
Hort. Crop 2	Sapota	0.25	150 q	30000.00	15000.00	>100	>100
Hort. Crop 3	Amla	0.25	80 q	40000.00	26000.00	>100	>100
Hort. Crop 4	Curry leaves	0.25	1 q	8000.00	6000.00	>100	>100
Total				158000	72000.00		166.67

Brief: The farmer used to get annual income of Rs. 27000/- from maize, green gram/soybean mono cropping. He faced problems with low income, lack of suitable host for sandal. With DFI interventions of FLD on INM on Guava, sapota, Amla, Mango, Curry leaf and training, he is getting annual net income of Rs. 72000/-.



Filed visit to sandalwood AF system



Guava -fruit yielding trees at farmer's field



Name of farmer : Ramesh N Hegde
Address : Kongod village Sirsi taluk
Karnataka
Age : 57 years
Education : B Com
Size of land holding : 3 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	45 q	68500	45670
Total		3		68500	45670

2) Status in 2020

Component Description		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	2.35	66 q	105000	65000	46.70	42.33
Hort. Crop 1	Cardamom	0.50	0.25 q	60000	35000	>100	>100
Livestock 1	Cow (HF)	4	8000 1	220000	150000	>100	>100
NTFPs	Garcinia tree fruit	0.15	5 q	25635	15000	>100	>100
Total				410635	265000		480.24

Brief: The farmer used to get annual income of Rs. 45670 from paddy. He faced problems of low yield, low income, marketing etc. With DFI interventions of FLD on ICM on paddy, INM on cardamom, garcinia, introduction of livestock, trainings, etc., he is getting annual income of Rs 265000



Interaction with FLD Farmers



FLD -Field visit by UAS, Dharwad officials



Name of farmer : Venkatramana S. Hegde
Address : Navanagere
Karnataka
Age : 49 years
Education : Diploma
Size of land holding (in acre) :4.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3.0	45 q	60000	23500
Hort. Crop 1	Ginger	1.5	1.52 q	78000	55000
Livestock 1	Cow (HF)	1 no	1300 l	39000	33500
Total		4.50		177000	112000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/N	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Product ion	Income
Field Crop 1	Paddy	3	52 q	76000	57130	15.60	143.10
Hort. Crop 1	Ginger	1	1.6 q	450000	152000	5.30	176.36
Hort. Crop 2	Banana	0.5	12 q	80000	68500	>100.00	>100.00
Livestock 1	Cow (HF)	2	3100 lt	85600	79900	138.50	138.50
Total				691600	357530		219.22

Brief: The farmer used to get annual income of Rs. 112000 from Paddy, Ginger, and Cows etc. He faced problems with low yield, low income, pest and disease, lower market price etc. with DFI interventions of ICM on paddy FLD on ICM banana, INM on ginger, and trainings, he is getting annual income of Rs 357530.00



Ginger cultivation field view



ICM on Paddy cultivation in farmers field



Name of farmer : Shri Fakkeresh Oli
Address : Salgaon, Mundagod taluk
Karnataka
Age : 46
Education : BA
Size of land holding (in acre): 1 ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	15.50 q	32000	25000
Total				32000	25000

2) Status in 2020

Component Description		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	Ginger	1	70 q	95000	65000	>100	>100
Hort. Crop 3	Banana	0.25	12 q	40000	25000	>100	>100
Total				135000	90000		260

Brief: The farmer used to get annual income of Rs. 25000/- from Paddy cultivation tc. He faced problems like Low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on banana, Ginger, Trainings, he is getting annual income of Rs. 90000/-



Diagnostic field visit to areca nut plot

Intercrop of turmeric under arecanut cropping system



Name of farmer : Shankar Jatta Naik
Address : Kayekane, Bhatkal taluk
 Karnataka
Age : 45
Education : 7th
Size of land holding (in acre): 3

1) Before Intervention

Component		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	15 q	65000	36700
Hort. Crop 1	Arecanut	1	10 q	300000	160000
Total				365000	196700

2) Status in 2020

Component Description		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	30q	85000	73400	>100	>100
Field Crop 2	Arecanut	1	16.50 q	400000	234000	65	46.25
Hort. Crop 1	Bhatkal jasmine	1	8q	60000	40000	>100	>100
Other enterprises – bee keeping	Bee keeping	15 nos	0.75q of honey with 75 colonies	28000 150000	21000 60000	>100	100 >100
Total				723000	428400		117.79

Brief: The farmer used to get annual income of Rs. 196700/- from Paddy, arecanut etc. He faced problems like Low yield, low income, marketing, lower price etc. With DFI interventions like FLD on ICM paddy, IDM Arecanut, and Introduction of jasmine, apiary activities & trainings, he is getting annual income of **Rs. 428400/-**.



Interaction with jasmine growers of farmers



Farmer in his Bhatkal jasmine farm



Name of farm women : Megha Narayana Bhat
Address : Mastibail ,koppa village Goli kumbr I, Bhatkal
Karnataka
Age : 38 years
Education : SSLC
Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	1	15 q	38000	25000
Hort. Crop 2	Areca nut	1	10 q	300000	190000
Livestock 1	Local malnad gidda	4	1300 l	105000	38500
To		2		443000	253500

2) Status in 2020

Component Description		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	18.00 q	50000	38000	20.0	52.00
Hort. Crop 2	Areca nut	1	18.25 q	450000	365000	82.5	92.10
Hort. Crop 3	Local malnad gidda	4no	1700 L	158000	75500	30.8	96.10
Other enterprise (Specify)	Bee keeping	20 Nos	1 q honey+ 100 colony	35000 200000	25000 140000	>100.0 >100.0	>100 >100
Total				873600	646500		155.03

Brief: The farmer used to get annual income of Rs. 253500/- from arecanut, coconut, mulching Cows etc. she faced problems of low yield, low income, marketing, lower price etc. with DFI interventions of FLD on IPM on coconut, beekeeping, Trainings, she is getting annual income of Rs. 646500/-.



Livestock rearing unit of the farmer



Farm women involved in Apiary activities



Name of farmer : Parashuram Harijan
Address : Alur village Hliyal taluk
 Karnataka
Age : 41
Education : SSLC
Size of land holding (in acre) : 1.50

1) 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	1	185 q	42000	25000
seri Crop 1	Mulberry V1	0.50	0.35 q	175000	78000
Total		1.50		217000	103000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Sugarcane	1	400 q	100500	65000	116.21	160.0
Seri. Crop 1	Mulberry V1	0.50	0.55 q	275000	125000	57.14	60.25
Livestock 1	Cattle HF	2	1355 l	38500	17600	>100.0	>100.0
Total		1.50		414000	207600		101.55

Brief: The farmer used to get annual income of Rs. 103000/- from sugarcane, mulberry Cows etc. He faced problems like Low yield, low income, marketing, lower price etc. With DFI interventions like FLD on INM on mulberry, ICM- Sugarcane, Introduction of livestock components & Trainings, he is getting annual income of Rs. 207600/-.



Interaction with farmers in his field



Cocoon production unit of the farmer



Name of farmer : Narayan Shivanad patil
Address : Japhkhand village Joida taluk
Karnataka
Age : 41 years
Education : SSLC
Size of land holding (in acre): 1.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Areca nut	1 ac	7.25 q	260000	166000
Hort. Crop 2	Cashew	0.5 ac	1 q raw nuts	7600	5100
Livestock 1	Local malnad gidda	5 Nos	1250 l	125000	35000
Total				392600	206100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	productio n	income
Hort. Crop 1	Areca nut	1	12 q	360000	220000	65.51	32.50
Hort. Crop 2	Cashew	0.35	1.5 q raw nuts	15700	11900	50.00	133.33
Livestock 1	Local malnad gidda	5 Nos.	1750 l	155000	95700	400.00	173.40
Other enterprise	Nursery	0.15	5000 nos.	250000	86000	>100.00	>100.00
Total				780700	413600		100.68

Brief: The farmer used to get annual income of Rs. 206100/- from arecanut, cashew, cows etc. He faced problems like low yield, low income, marketing, lower price etc. with DFI interventions like FLD on ICM on arecanut, cashew and trainings, he is getting annual income of Rs 413600/-.



Nursery -areca nut seedling production unit



Discussion on Livestock rearing unit



Name of farmer : V. N. Dhanagere
Address : Marada, Gundha joida taluk
 Karnataka
Age : 51 years
Education : MA
Size of land holding (in acre): 3.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Areca nut	2.50	35 q	701000	325600
Hort. Crop 2	Black pepper	2.50	1 q	32000	25000
Hort. Crop 3	Cocoa	1	2 q	8500	5500
Hort. Crop 4	Banana	0.50	12 q	10000	6400
Total				751500	362500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti Crop 1	Areca nut	2.50	39 q	1245900	650000	11.42	99.60
Hort. Crop 2	Black pepper	2.50	6 q	192000	150000	500.00	500.00
Hort. Crop 3	Cocoa	1	8 q	34000	22000	300.00	300.00
Hort. Crop 4	Banana	0.50	16 q	13300	8500	33.33	32.80
Livestock 1	Local malnad gidda	5 no	2550 L	145000	85700	100.00	100.00
Total				1630200	916200		152.74

Brief: The farmer used to get annual income of Rs. 362500/- from areca nut, black pepper cocoa, banana and mulching cows etc. He faced problems like Low yield, low income, marketing, lower price etc. With DFI interventions like FLD- ICM on black pepper, banana, arecanut, INM on cocoa , introduction of livestock, Trainings, he is getting annual income of Rs. 916200/-.



Scientist interaction with farmer



Mixed plantation with cocoa



Name of farmer : Ishwar Timmna Hegde
Address : Achave Village Ankola taluk
 Karnataka
Age : 38 years
Education : MA
Size of land holding (in acre): 3.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	31 q	62000	45000
Seri. Crop 1	Mulberry V1	1	7 q	195000	100000
Total				257000	145000

2) Status in 2020

Component Description		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	42 q	95000	75000	35.50	66.66
Seri Crop 2	Mulberry V1	1	15 q	750000	550000	114.28	450.00
Total				845000	625000		331.03

Brief: The farmer used to get annual income of Rs. 145000/- from Paddy, and mulberry etc. He faced problems of Low yield, low income, marketing, lower price etc. With DFI interventions of FLD, on INM of mulberry, ICM on paddy & Trainings, he is getting annual income of Rs 625000/-.



FLD field visit



Name of farmer : Timmanna Vitoba Nayak
Address : Hillur Village Ankola taluk
Age : 70
Education : 4th std
Size of land holding (in acre) : 1.30

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.3	18.50 q	45000	31000
Total				45000	31000

2) Status in 2020

Component Description		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	1.30	36 q	75000	55000	94.59	77.41
Livestock 1	Poultry	18 Nos	18 no	15000	11500	>100.00	>100.00
Other enterprise (Specify)	Bee keeping	20 Nos	1 q honey +100 colony	35000	29000	>100.00	>100.00
Total				305600	254500		720.97

Brief: The farmer used to get annual income of Rs. 31000/- from paddy, etc. He faced problems of low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on paddy, introduction of improved breed of poultry birds and apiculture & trainings he is getting annual income of Rs 254500/-.



Farmer with Apiculture unit



Farmer with Poultry birds rearing unit



Name of farmer : Bhaskar Ganapayya Hegde
Address : Thogase, Village Ankola taluk
 Karnataka
Age : 45 years
Education : Graduate
Size of land holding (in acre) : 2.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	16.50 q	32000	22500
Seri. Crop 1	Mulberry V1	1	7.5 q	205000	125000
Total				237000	147500

2) Status in 2020

Component Description		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	42 q	95000	75000	154.54	233.33
Seri . Crop 2	Mulberry V1	1	15 q	850000	650000	100.00	420.00
Total				945000	725000		391.53

Brief: The farmer used to get annual income of Rs. 147500/- from paddy, mulberry etc. He faced problems of low yield, low income, marketing, lower price etc. With DFI interventions of FLD on INM on mulberry, ICM on paddy trainings, he is getting annual income of Rs **725000/-**.



ICM on Paddy cultivation field



Farmer in his Mulberry production unit



Name of farmer : Prabhbas Bapat
Address : Shindli Village Sirsi taluk
 Karnataka
Age : 35 years
Education : BA
Size of land holding (in acre) : 03

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop 1	Areca nut	1.5	22 q	600000	185300
Hort. Crop 3	Coconut	1	12.5 q	56000	23500
Hort. Crop 4	nut meg	0.5	1.50 q	15500	11300
Total		3		671500	220100

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Areca nut	1.5	30 q	850000	312300	36.40	68.50
Hort. Crop 2	Black pepper	1.25	1.0 q	39500	24000	>100.0	>100.00
Hort. Crop 3	Coconut	1	20.5 q	66000	49500	64.00	110.60
Hort. Crop 4	Nut meg	0.5	4.5 q	46500	36900	200.00	226.50
Horti crop 5	Banana	0.25	15 q	12500	7500	>100.0	>100.00
Horti crop 6	Vegetables	0.15	2.3 q	15500	11500	>100.0	>100.00
Total				1030000	441700		100.68

Brief: The farmer used to get annual income of Rs. 220100/- from areca nut black pepper coconut nutmeg etc., problems Low yield , low income, marketing, Lower price etc. With DFI interventions with FLD on IPM/IDM Arecanut, Black pepper, INM on nutmeg & coconut, banana, vegetables & Trainings, he is getting annual income of Rs 441700/-.



Diagnostic field visit to areca nut plantation



Farmers with Multi storied component system



Name of farmer : N D Hegde
Address : Anthravalli Village Kumta taluk
 Karnataka
Age : 51 years
Education : B Com
Size of land holding (in acre) : 04

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort Crop 1	Areca nut	2	22 q	600000	192300
Hort. Crop 2	Black pepper	2	-	-	-
Horti crop 3	Cashew	0.5	1 q	13000	11000
Horti crop 4	Coconut	1	15 q	56000	23500
Horti crop 5	Papaya	0.5	60 q	170000	87000
Total		4		839000	313800

2) Status in 2020

Component Description		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	Areca nut	2	28 q	680000	498300	27.27	159.12
Hort. Crop 2	Black pepper	2	1.0 q	39500	24000	>100.00	>100.00
Horti crop 3	Cashew	0.5	2 q	26000	22000	>100.00	>100.00
Horti crop 4	Coconut	1	25 q	78500	32900	66.70	40.00
Horti crop 5	Papaya	0.5	70 q	180000	128000	16.66	47.12
Total		5.0		100400	705200		124.73

Brief: The farmer used to get annual income of Rs. **313800/-** from areca nut, pepper, cashew, coconut, papaya etc. He faced problems of Low yield, low income, marketing, lower price etc. With DFI interventions of FLD, on ICM on cashew, cashew, black pepper & Trainings, he is getting annual income of **Rs .705200/-**



Diagnostic field visit to papaya plot



Mixed plantation with papaya intercrop



Name of farmer : Shrinivasa Gouda
Address : Hosabale gadde Village Ankola taluk
Karnataka
Age : 49 years
Education : 8th standard
Size of land holding (in acre) : 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	45 Q	60000	26500
Total				60000	26500

2) Status in 2020

Component Description		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	45 q	76000	57130	0.00	115.60
Field Crop 2	Vegetables	1	2.40 q	12000	10500	>100.00	>100
Total				88000	67630		155.21

Brief: The farmer used to get annual income of Rs.26500/- from Paddy, vegetables etc. He faced problems Low yield, low income, marketing, lower price etc. With DFI interventions of FLD ICM on paddy, introduction of vegetables & Trainings, he is getting annual income of Rs. 67630/-.



FLD field visit to paddy field



Mixed cropping of Paddy with leafy vegetable



Name of farmer : Sukra nagappa gouda
Address : Honnebile Village Ankola taluk
Karnataka
Age : 71 years
Education : 1ST Std
Size of land holding (in acre) : 1

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0	16.00 q	32000	22500
Hort. Crop 1	Coconut	0.25	7.5 q	21000	16800
Total				53000	39300

2) Status in 2020

Component Description		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	0.75 ac	40 q	95000	75000	150.0	233.33
Field Crop 2	Coconut	0.25	15 q	30000	18000	100.00	7.14
Total				125000	93000		136.64

Brief: The farmer used to get annual income of Rs. 39300/- from Paddy, coconut etc. He faced problems with Low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on paddy and INM coconut & Trainings, he is getting annual income of Rs. 93000/-.



FLD plot on ICM on Paddy



Recording yield observation on paddy



Name of farmer : Ishwar Sukra Naik
Address : Mavalli Sanarkere Village Bhatkal Taluk
Karnataka
Age : 50 years
Education: graduate : Bsc, B Ed
Size of land holding (in acre) : 2.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	32 q	65000	31000
Hort. Crop 2	coconut	0.50	15 q	56000	20500
Total				121000	51500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2	52 q	95000	85000	62.25	174.19
horti crop 2	Coconut	0.50	25 q	66000	29500	66.70	43.90
Hort. Crop 1	Nut meg	0.50	1.50	15500	12300	>100.00	>100.00
Hort. Crop 3	Local malnad gidda	5 No	1950 l	145000	85700	>100.00	>100.00
Total				321500	212500		312.62

Brief: The farmer used to get annual income of Rs. 51500/- from paddy, coconut, nutmeg, cows etc. He faced problems like low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on paddy, IDM-coconut, INM-nutmeg, introduction of local breed of cows and trainings, he is getting annual income of Rs. 212500/-.



FLD plot on ICM- Paddy cultivation



Nutmeg cultivation with coconut orchard



Name of farmer : Ganapathi Shaniyar Naik
Address : Chitrapura, Shruti Bhatkal taluk
 Karnataka
Age : 65 years
Education : 7th
Size of land holding (in acre) : 3.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	30 q	45000	18250
Total		2		45000	18250

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2	48 q	78750	48550	60.0	166.0
Hort. Crop 1	Groundnut	1	6.5 q	39500	24308	>100.0	>100.0
Hort. Crop 2	Vegetables	0.25	1.50 q	10000	6500	>100.0	>100.0
Total				128250	79358		334.84

Brief: The farmer used to get annual income of Rs. 18250/- from paddy etc. He faced problems with low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on paddy CFLD on groundnut introduction of vegetables, trainings, he is getting annual income of Rs. 79358/-.



Leafy vegetables grown by Farmer in the field



CFLD plot on Groundnut cultivation variety G2-52



Name of farmer : Vishnu Murthy Hegde
Address : Katagara , Bhatkal taluk
Karnataka
Age : 44 years
Education : 8th
Size of land holding (in acre) : 3.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.75	33 q	58000	27000
Hort. Crop 1	Mango	0.25	2.5 q	3500	3000
Total		3.0		61500	30000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2.75	52 q	84000	38500	57.57	42.60
Horti Crop 2	Groundnut (Rabi/summer)	1	6.5 q	39500	24308	>100.00	>100.00
Hort. Crop 2	Mango	0.25	5.50 q	16500	12900	120.00	330.00
Total		3.0		140000	75708		152.36

Brief: The farmer used to get annual income of Rs. 30000/- from paddy, groundnut, mango etc. He faced problems low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM paddy and groundnut & mango Trainings, he is getting annual income of Rs 75708/-.



FLD Plot of ICM on Paddy



CFLD plot of ICM on Groundnut variety G2-52



Name of farmer : Massti Kuppa Gonda
Address : Kanamaduu , Balake post Bhatkal taluk
 Karnataka
Age : 48 years
Education : 10th std
Size of land holding (in acre): 4.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	45 q	67500	33000
Hort. Crop 1	Coconut	1	12 q	38000	25000
Total		4.0 ac		105500	58000

2) Status in 2020

Component Description		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	3	66 q	99000	55957	46.7	69.60
Field Crop 2	Groundnut	0.50	4.2 q	25200	15508	>100.0	>100.0
Hort. Crop 1	Coconut	1	18 q	50000	45000	50.00	80.00
Total		4.00		174200	116465		100.80

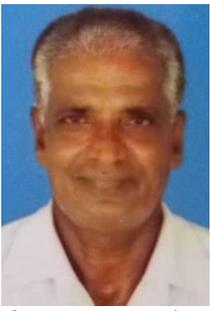
Brief: The farmer used to get annual income of Rs. 58000/- from paddy, groundnut etc. He faced problems of Low yield, low income, marketing, lower price etc. With DFI interventions of ICM on paddy, IDM on coconut and CFLD on groundnut & Trainings, he is getting annual income of Rs. 116465/-.



Diagnostic field visit to paddy field



FLD plot of ICM -Paddy cultivation



Name of farmer : Venkayya Barumane
Address : Bhengre , Mavina Katte village Bhatkalt aluk
 Karnataka
Age : 70 years
Education : 7th std
Size of land holding (in acre): 3-0-0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	28.50 q	36700	19500
Hort. Crop 1	Sugarcane	0.75	235 q	42000	23000
Hort. Crop 2	Vegetables	0.25	8 q	10200	6500
Total		3.00		88900	49000

2) Status in 2020

Component Description		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	35 q	52100	28500	22.80	46.15
Field Crop 2	Sugarcane	0.75	520 q	116800	72000	121.27	213.04
Hort. Crop 1	Vegetables	0.25	14.50 q	18000	11000	81.25	69.23
Total		3.00		186900	111500		127.55

Brief: The farmer used to get annual income of Rs. 49000/- from paddy, sugarcane, vegetables etc. He faced problems of low yield, low income, marketing, lower price etc. With DFI interventions of FLD on ICM on paddy, INM-sugarcane and vegetables, trainings, he is getting annual income of Rs. **111500/-**



FLD plot of ICM -Paddy cultivation



Flowering crops with vegetables



Name of farmer : Somashekar Ira Arer
Address : Narebail
 Karnataka
Age : 38
Education : 7th std
Size of land holding (in acre) : 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	30 q	48000	20000
Total		2		48000	20000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	production	income
Field Crop 1	Paddy	1.30	35 q	56000	29000	16.70	45.00
Field Crop 2	Sugarcane	0.12	17.50 q	140000	101500	>100.0	>100.0
Field Crop 3	Ginger	0.12	13.5 q	33750	21500	>100.0	>100.0
Total		2		229750	152000		660.00

Brief: The farmer used to get annual income of Rs.20000/- from paddy. He faced problems of low yield and low income. With DFI interventions like FLD on ICM in paddy and introduction of ginger and sugarcane, he is getting annual income of Rs. 152000/-.



Daincha green manure crop for enhancing soil fertility in Paddy crop



Ginger crop as crop diversification and treatment for Rhizome rot disease



Name of farmer : Basavaraj Alur
Address : Haraganalli
 Karnataka
Age : 41
Education : 7th std
Size of land holding (in acre): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4 acre	75.5	113250	67990
Field Crop 2	Maize	1.5 acre (After paddy)	39.7	55580	25920
Livestock 1	Cow	1 No	756 lts	22680	11620
Total		5		191510	105530

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income	production	income
Field Crop 1	Paddy	4 acre	92.00	147200	90585	21.9	33.2
Field Crop 2	Maize	1.5 acre	38.50	57750	34650	3.5	33.7
Field Crop 3	Black gram	0.5 acre	1.55	9300	5250	>100.0	>100.0
Field Crop 4	Green gram	0.5 acre	1.25	7500	4500	>100.0	>100.0
Hort. Crop 1	Banana	1.0	98.8	197600	138200	>100.0	>100.0
Livestock 1	Cow	1 no.	945.ltr	28350	17550	25.0	51.0
Total		5		447700	290735		175.5

Brief: The farmer used to get annual income of Rs.105530/- from paddy maize and cow. He faced problems of low yield, low income and lack of information. With DFI interventions like ICM in paddy, nutrient and weed management in maize, OFT on Sahabagidhan and trainings, he is getting annual income of Rs. 290735/-. In addition, there is cost saving of Rs. 6540/- in harvesting of paddy and maize due to mechanization and use weedicides in the production of field crops (paddy and maize).



Integrated weed and nutrient management in maize field



PSB-68 new paddy variety



Name of farmer : Basavaraj Haslar
Address : Haraganalli
 Karnataka
Age : 32
Education : 9th std
Size of land holding (in acre) : 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.0 acre	29.5	44250	22125
Field Crop 2	Maize	3.0 acre	61.3	91950	51972
Livestock 1	Cow	2 nos	361 lt	10830	7650
Total		5 acre		147030	81747

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	2.0 acre	41	61500	34761	39.0	57.1
Field Crop 2	Maize	2.5 acre	75	112500	67500	22.3	29.88
Field Crop 3	Black gram	2.0 acre (After paddy)	3.5	21000	9333	>100.0	>100.0
Field Crop 4	Green gram	0.25 acre (After paddy)	0.65	3900	2100	>100.0	>100.0
Hort. Crop 1	Ginger	0.5	48 q	134400	89400	>100.0	>100.0
Livestock 1	Cow	3 nos.	520.ltr	15600	12650	44.0	65.4
Total		5.0 acre		348900	215744		163.92

Brief: The farmer used to get annual income of Rs. 81747/- from paddy and maize. He faced problems of low yield, low income and ginger rot. With DFI interventions like FLD on ICM in paddy, FLD on nutrient and weed management in maize, and ginger new crop introduction, he is getting annual income of Rs. 215744/-. In addition, there is cost saving of Rs. 31250/- weed management and disease management in the production of field crops (paddy and maize) and Ginger crop, respectively.



Introduction of PSB-68 paddy variety for higher yield



Introduction of DV-1 Black gram variety for paddy fallow



Name of farmer : Nanesab Ugarani
Address : Haraganalli
Karnataka
Age : 62
Education : 6th std
Size of land holding (in acre) : 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	45	67500	35357
Field Crop 2	Maize	2	32	48000	26182
Livestock 1	Cow (Local)	1	345	10350	6900
Total		5		125850	68439

2) Status in 2020

Component Description		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	3	66	99000	55957	46.7	58.3
Field Crop	Maize	2	45	67500	40500	40.6	54.7
Field Crop 2	Black gram	0.5	1.2	7200	3600	>100.0	>100.0
Field Crop 3	Green gram	0.5	1.3	7800	3650	>100.0	>100.0
Field Crop 4	Groundnut	0.50	4.2	25200	15508	>100.0	>100.0
Livestock 1	Cow (Local)	3 no.	1028.ltr	30840	24525	197.0	255.4
Total		5		237540	143740		110.03

Brief: The farmer used to get annual income of Rs. 68439/- from paddy, maize and cows, etc. He faced problems of low yield, low income and fodder scarcity. With DFI interventions like FLD on ICM in Paddy and weed and nutrient management in maize, CFLD on pulses and ground nut, he is getting annual income of Rs **143740/-**. In addition, there is cost saving of Rs. 28650/- in harvesting and weed management in paddy and maize crops.



Introduction of PSB-68 paddy variety for higher yield



Integrated weed and nutrient management in maize



Name of farmer : Mahadevappa Sannaningappa Hangal
Address : Haraganalli
Karnataka
Age : 48
Education : 7th std
Size of land holding (in acre): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5 acre	36.2	54300	27150
Field Crop 2	Maize	2.5 acre	38.6	57900	31582
Total		4		112200	58732

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Product ion	Income
Field Crop 1	Paddy	1.5 acre	45	67500	38152	24.3	40.5
Field Crop 2	Maize	2.0 acre	50	75000	45600	29.5	44.39
Field Crop 3	Black gram	0.5 acre (After Paddy)	0.9	5400	2600	>100.0	>100.0
Field Crop 4	Green gram	0.5 acre (After Paddy)	1.1	6600	3100	>100.0	>100.0
Hort. Crop 1	Ginger	0.5 acre	43 q	111800	63300	>100.0	>100.0
Livestock 1	Cow	1 no.	300	9000	8200	>100.0	>100.0
Total		4.0		275300	160952		174.04

Brief: The farmer used to get annual income of Rs. 58732/- from Paddy and Maize etc. He faced problems of low yield, low income, Marketing, etc. With DFI interventions like FLD on ICM in Paddy, weed and nutrient management in Maize, Introduction new crop like ginger, CFLD on pulse crop, he is getting annual income of Rs. 160952/- In addition, there is cost saving of Rs. 23150/- in harvesting and weed management in paddy and maize crops and disease management in Ginger crops.



Banana and Arecanut mixed cropping system



Introduction of PSB-68 Paddy Variety for higher yield



Name of farmer : Kadargous
Address : Haraganalli
Age : 61
Education : 5th std
Size of land holding (in acre) : 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 acre	32.6	48900	21733
Field Crop 2	Maize	1 acre	16.0	24000	13091
Livestock 1	Cow	1	287	8610	7230
Livestock 2	Hen	5	600 Nos	6000	5000
Total		3		87510	47054

2) Status in 2020

Component Description		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 acre	45.8	68700	37473	40.5	72.4
Field Crop 2	Maize	1 acre	22	33000	19250	37.5	47.0
Field Crop 3	Black gram	0.25 acre (After Paddy)	0.50	3000	2000	>100.0	>100.0
Field Crop 4	Green gram	0.25 acre (After Paddy)	0..50	3000	2000	>100.0	>100.0
Livestock 1	Cow (Local)	1 no.	600 ltr	18000	15500	109.1	114.38
Livestock 2	Hen	25 Nos	3000 no.	30000	30000	400.0	500.0
Total		3		155700	106223		125.75

Brief: The farmer used to get annual income of Rs. 47054 from Paddy, Maize, cow, hen etc. He faced problems like low yield and low income. With DFI interventions like FLD on ICM in Paddy, weed and nutrient management in Maize, CFLD on Black gram and green gram, he is getting annual income of Rs 106223. In addition, there is cost saving of Rs. 8680 in harvesting and weed management in paddy and



Introduction of PSB-68 Paddy Variety for higher yield

Integrated nutrient and weed management in Maize



Name of farmer : Abdul Angdi
Address : Haraganalli
Karnataka
Age : 56
Education : 6th std
Size of land holding (in acre): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5 acre	72.5	108750	54375
Livestock 1	Cow	1	756	22680	16200
Total		5 acre		131430	70575

2) Status in 2020

Component Description		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	4.5 acre	93 q	145000	84583	28.3	55.55
Field Crop 2	Black gram	0.5 acre (After Paddy)	1.28 q	7680	3840	>100.0	>100.0
Field Crop 3	Green gram	0.5 acre (After Paddy)	1.37 q	8220	4110	>100.0	>100.0
Hort. Crop 1	Ginger	0.5 acre	39 q	85800	36300	>100.0	>100.0
Livestock 1	Cow (Improved breed)	1 no.	1440 ltr	43200	32400	90.5	100.0
Livestock 2	Hen	8 no.	250no.	2500	2500	>100.0	>100.0
Total		5 acre		292400	163733		132.0

Brief: The farmer used to get annual income of Rs. 70575/- from Paddy. He faced problems like low yield and low income. With DFI interventions like FLD on ICM in Paddy, CFLD on Pulses, Introduction of new crop Ginger, he is getting annual income of Rs. 163733/- In addition, there is cost saving of Rs. 20640/- in harvesting and weed management in paddy and disease management in Ginger crop.



Integrated nutrient and weed management in Maize



Introduction of PSB-68 Paddy Variety for higher yield



Name of farmer : Jagdish Patil
Address : Haraganalli
 Karnataka
Age : 60
Education : 7TH std
Size of land holding (in acre):9.5

1) Before Intervention

Component		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	7.5 acre	130 q	195000	86667
Field Crop 2	Maize	2.0 acre	39 q	58500	31909
Total		9.5		253500	118576

2) Status in 2020

Component Description		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	7.5 acre	210	315000	178043	61.5	105.4
Field Crop 2	Maize	2.0 acre	60	90000	52500	53.9	64.5
Field Crop 3	Black gram	1.0 acre (after paddy)	2.0	12000	6000	>100.0	>100.0
Field Crop 4	Green gram	1.0 acre (After Paddy)	1.9	12000	6500	>100.0	>100.0
Total		9.5		429000	243043		104.97

Brief: The farmer used to get annual income of Rs. 118576/- from paddy and maize. He faced problems like low yield and low income. With DFI interventions like FLD on ICM in paddy and weed and nutrient management in maize, CFLD on pluses, OFT on Sahabagidhan paddy variety, he is getting annual income of Rs. 243043/- In addition, there is cost saving of Rs. 16300/- in harvesting and weed management in paddy and maize crop.



Sahabagidhan paddy variety for drill sowing method



Introduction of PSB-68 paddy variety for higher yield



Name of farmer : Bangareppa Kaler
Address : Haraganalli
 Karnataka
Age : 47
Education : Primary
Size of land holding (in acre) : 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5.5	77.4 q	116100	60814
Field Crop 2	Maize	1.0	18.0 q	27000	15750
Hort. Crop 1	Mango	0.5	0.5 q	2500	2500
Livestock 1	Buffalo	1	320 lt	9600	9600
Total		7.0		155200	88664

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	5.0 acre	105.5 q	153250	84500	36.3	38.90
Field Crop 2	Maize	1.0 acre	20 q	30000	17500	11.1	11.1
Field Crop 3	Black gram	1.0 acre	1.20 q	7200	3600	>100.0	>100.0
Field Crop 4	Green gram	1.0 acre (After Paddy)	1.15 q	1840	3800	>100.0	>100.0
Field Crop 5	Ground nut	1.0 acre	8.0 q	44000	29000	>100.0	>100.0
Hort. Crop 1	Mango	0.5 acre	1.0 q	5000	3600	100.0	44.0
Hort. Crop 2	Ginger	0.5	70.0 q	182000	127000	>100.0	>100.0
Livestock 1	Buffalo	1 no.	730.ltr	25200	20800	128.1	116.7
Total		7.0		448490	289800		226.85

Brief: The farmer used to get annual income of Rs. 88664/- from Paddy, Maize, Mango and buffalo etc. He faced problems like Low yield and income. With DFI interventions like FLD on ICM Paddy and Nutrient and weed management in Maize, CFLD on Pulses and ground nut with variety G-2-52, OFT on Sahabagidhan paddy variety, he is getting annual income of Rs. **289800/-**. In addition, there is cost saving of Rs. 34200/- in harvesting and weed management in paddy and disease management in Ginger crop.



FLD on ICM in Paddy with PSB-68 New Paddy Variety



CFLD on Groundnut with G-2, 52 variety



Name of farmer : Maruti Kalebail
Address : Haraganalli
Karnataka
Age : 45
Education : 4th std
Size of land holding (in acre) : 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.5	38.6	57900	28950
Field Crop 2	Maize	2.5	36.8	55200	30109
Livestock 1	Cow (Local)	1	250 lt	7500	4500
Total		5.0		120600	63559

2) Status in 2020

Component Description		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	2.5 acre	57.50	86250	47045	48.9	62.5
Field Crop 2	Maize	2.5 acre	60	90000	52500	63.0	74.4
Field Crop 3	Blackgram	1.0 acre (After Paddy)	1.50	9000	4500	>100.0	>100.0
Field Crop 4	Greengram	1.0 acre (After Paddy)	1.60	9600	4700	>100.0	>100.0
Field Crop 5	Groundnut	2.5 acre (After Maize)	15	94000	62667	>100.0	>100.0
Livestock 1	Cow (Local)	2 nos.	367 ltr	11010	7800	46.8	73.3
Total		5.0		299860	179212		181.96

Brief: The farmer used to get annual income of Rs. 63559/- from Paddy and Maize. He faced problems like Low yield and income. With DFI interventions like FLD on ICM Paddy and Nutrient and weed management in Maize, CFLD on Pulses and ground nut with variety G-2-52, OFT on Sahabagidhan paddy variety, he is getting annual income of Rs.179212/-. In addition, there is cost saving of Rs. 5200/- in weed management in



Integrated nutrient and weed management in Maize



CFLD on Groundnut with G-2, 52 variety



Name of farmer : Mallappa Bangarappa Kalebail
Address : Haraganalli
 Karnataka
Age : 61
Education : Primary
Size of land holding (in acre) : 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.5	32.8	49200	25771
Field Crop 2	Maize	1.5	42.0	63000	34364
Total		4.0		112200	60135

2) Status in 2020

Component Description		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	2.5	52.50	78750	44511	60.1	72.7
Field Crop 2	Maize	1.5	60	90000	54000	42.9	57.1
Field Crop 3	Black gram	1	3	19000	9500	>100.0	>100.0
Field Crop 4	Green gram	1	2	13200	6600	>100.0	>100.0
Livestock 1	Cow	1	1230	36900	32500	>100.0	>100.0
Total		4.0		237850	147111		144.63

Brief: The farmer used to get annual income of Rs. 60135/- from paddy and maize. He faced problems like low yield and low income. With DFI interventions like FLD on ICM in Paddy and Weed management and nutrient management in maize, CFLD on pulses etc., he is getting annual income of Rs.147111/-. In addition, there is cost saving of Rs. 6600/- in weed management in Paddy and maize crop.



Nutrient and weed management in Maize



Recovered maize plot after scientific drainage



Name of farmer : Laxman Ningappa Hangal
Address : Haraganalli
 Karnataka
Age : 55
Education : 6th std
Size of land holding (in acre) : 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5 acre	23.2 q	34800	17400
Field Crop 2	Maize	1.5 acre	26.5 q	39750	21681
Hort. Crop 1	Areca nut (New)	1.0 acre	-	-	-
Total		4.0 acre		74550	39081

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/N.)	Gross Income (Rs.)	Net Income (Rs.)	productio n	income
Field Crop1	Paddy	1.5 acre	34	51000	28826	46.6	65.7
Field Crop2	Maize	1.5 acre	40	60000	36000	50.9	66.0
Field Crop3	Ground nut	1.0 acre (After Paddy)	6	36000	24000	>100.0	>100.0
Hort. Crop2	Banana	1.0 acre (Inter cropped in Arecanut)	62.4 q	124800	89840	>100.0	>100.0
Total		4.0 acre		271800	178666		357.17

Brief: The farmer used to get annual income of Rs. 39081/- from Paddy and Maize. He faced problems of Low yield and low income. With DFI interventions like FLD on ICM in Paddy and weed management in Maize, CFLD on pulse and Ground nut, he is getting annual income of Rs 178666/-. In addition, there is cost saving of Rs. 4560/- in weed management in paddy and maize.



FLD on ICM in paddy crop



Arecanut based multistoried cropping system



Name of farmer : Ramachandra Arer
Address : Narebail
 Karnataka
Age : 37
Education : 10th std
Size of land holding (in acre): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.0	42	63000	27000
Field Crop 2	Sugarcane	0.5	12.5	75000	46154
Field Crop 3	Maize	1.75	43 q	60200	32300
Hort. Crop 1	Ginger	0.25	40	100000	55000
Livestock 1	Cow	1	1300	39000	23500
Total		4.5		337200	183954

2) Status in 2020

Component Description		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 acre	32	48000	27130	23.8	0.5
Field Crop 2	Sugarcane	0.5 acre	32.5	299000	194250	160	320.9
Field Crop 3	Black gram	0.5 acre (AfterPaddy)	1.3	7800	5600	>100.0	>100.0
Field Crop 3	Green gram	0.5 acre (AfterPaddy)	1.4	8400	5800	>100.0	>100.0
Hort. Crop 1	Ginger	2.0 acre	400	1000000	652000	25.0	1085
Hort. Crop 3	Banana	1.0 acre	45.00 q	90000	68500	900.0	100.0
Livestock 1	Cow	2	3100 lt	93000	66429	138.5	182.60
Total		4.5		1546200	1019709		454.33

Brief: The farmer used to get annual income of Rs. 183954/- from paddy, sugarcane and ginger. He faced problems of low yield, low income, marketing and lower price. With DFI interventions like FLD on ICM in paddy with new paddy variety PSB-68, wider paired in sugarcane, organic liquid jaggery production, ginger Cultivation CFLD on Pulses, trainings, PKVY etc., he is getting annual income of Rs 1019709/-. In addition, there is cost saving of Rs.38500/- in weed management in Paddy and ginger, Disease management in ginger and liquid jaggery production of field and horticulture crops.



Demonstration of Liquid Jaggery Preparation



Value addition to ginger by making dry ginger



Name of farmer : B V Patil
Address : Koppa, Post indur, Mundgod, Uttara Kannada
Karnataka
Age : 50
Education : BA
Size of land holding (in acre) : 12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4	60	90000	10000
Field Crop 2	Maize	4	120	180000	95000
Hort. Crop 1	Arecanut	4	45	900000	550000
Hort. Crop 2	Coconut	2.5	26 q	78000	50000
Total		12		1248000	705000

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Arecanut	4 acres	60 q	1800000	1200000	33.33	118.2
Hort. Crop 2	Banana (Yelakki)	4 acre	396 q	792000	455000	>100.00	>100.0
Hort. Crop 3	Banana (G-9)	8 acre	1046 q	1117000	620000	>100.00	>100.0
Hort. Crop 3	Coconut	2.5 acre	40 q	120000	80000	53.85	60.0
Total		12		3037000	1900000		169.5

Brief: The farmer used to get annual income of Rs. 705000/- from Paddy, maize, arecanut and coconut etc. He faced problems like low yield, low income, lower price etc. With DFI interventions like Nutrient management in arecanut, banana cultivation, nutrient management in coconut through consultancy, he is getting annual income of Rs 1900000/-.



Integrated nutrient management in Arecanut for higher field



Introduction of Banana Crop for more income



Name of farmer : Parmeshwara M Hegde
Address : Kenchagadde, Sirsi Taluk, Uttara Kannada
 Karnataka
Age : 75
Education : 10th std
Size of land holding (in acre) : 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.5 acre	37.5 q	56250	20000
Hort. Crop 1	Arecanut	1.0 acre	10.0 q	300000	240000
Hort. Crop 2	Black pepper	Intercrop in Arecanut	0.5 q	18000	12000
Hort. Crop 3	Coconut	1.0 acre	17.5 q	70000	50000
Livestock 1	Cows	2 Nos	6600 l	184800	84000
Total		3.5		629050	406000

2) Status in 2020

Component Description		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 acre	52.5q	81375	41375	40.0	106.9
Field Crop 2	Black gram	After paddy	2.5 q	15000	9000	>100.0	>100.0
Hort. Crop 1	Arecanut	1.0	14.0 q	490000	400000	40.0	66.7
	Black pepper	Intercrop in Arecanut (1.0)	2.7 q	81000	60000	440.0	400.0
Hort. Crop 2	Coconut	1.0 acre	25 q	125000	100000	42.9	100.0
Hort. Crop 3	Water melon other fruit	Intercrop in Coconut (1.0)	100 q	150000	75000	>100.0	>100.0
Livestock 1	Cows	2 Nos	8770 l	263100	184000	32.9	119.1
Total		3.5		1205475	869375		114.13

Brief: The farmer used to get annual income of Rs. 406000/- from Paddy, Arecanut, Black pepper, coconut and cows etc. He faced problems of low yield, low income with high expenditure for dairy farming. With DFI interventions like FLD on ICM, mechanization in Paddy, CFLD on Pulses, Using HYV and Hybrid paddy and fodder production in the farm, he is getting annual income of Rs. 869375/-. In addition, there is cost saving of Rs. 36500/- in feed cost dairy farming and transplanting cost of paddy.



Farmer milking under Dairy component



Vegetable cultivation in Coconut garden



Name of farmer : Raghavendra Shet
Address : Gudnapur, Sirsi Taluk, Uttara Kannada District
Karnataka
Age : 35
Education : 12th std
Size of land holding (in acre): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-7)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	6.0 acre	132 q	211200	91200
Total		6		211200	91200

2) Status in 2020

Component Description		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	5.0 acre	150 q	270000	145000	13.6	58.99
Field Crop 2	Maize	After paddy (4.0 acre)	120 q	168000	88000	>100.0	>100.0
Field Crop 3	Black gram	After paddy (1.0 acre)	2.2 q	13200	8500	>100.0	>100.0
Hort. Crop 1	Ginger	1.0	120 q	420000	240000	>100.0	>100.0
	Chilli other spice	Intercrop in Ginger (0.01)	50 q	75000	65000	>100.0	>100.0
Livestock 1	Cows	1 No.	1250 l	37500	26500	>100.0	>100.0
Total		6		983700	573000		528.29

Brief: The farmer used to get annual income of Rs. 91200/- from p. He faced problems of low yield and low income. With DFI interventions like FLD on ICM in paddy, Mechanization in paddy, CFLD on pulses, Integrated farming system, ginger crop introduction, he is getting annual income of Rs. 573000/-. In addition, there is cost saving of Rs. 17600/- in transplanting and harvesting cost in paddy and disease management in ginger crop.



Sunhemp Green manure crop in paddy



Crop diversified with Ginger field



Name of farmer : **Raju S. Talawar**
Address : **Kantraji, Sirsi Taluk, Uttara Kannada District Karnataka**
Age : **32**
Education : **10th std**
Size of land holding (in acre) : **8**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5.0 acre	108 q	162000	62000
Field Crop 2	Maize	3.0 acre	75 q	112500	52500
Livestock 1	Cows	1 No	12801	35840	24000
Total		8		310340	138500

2) Status in 2020

Component		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	5.0 acre	175.0 q	280000	162000	62.0	161.3
Field Crop 2	Maize	2.0 acre(After paddy)	70.0 q	105000	69000	-6.7	31.4
Field Crop 3	Blackgra	After paddy (3.0 acre)	6.75 q	40500	30000	>100.0	>100.0
Hort. Crop 1	Ginger	2.0	220.0 q	660000	360000	>100.0	>100.0
Hort. Crop 2	Chilli	Intercrop in Ginger 0.01	38.0 q	38000	26000	>100.0	>100.0
Hort. Crop 3	Beans	Intercrop in Ginger 0.01	10.0 q	20000	15000	>100.0	>100.0
Hort. Crop 3	Pineapple	1.0 acre	440.0 q	440000	240000	>100.0	>100.0
Livestock 1	Cows	3 Nos	3200 1	96000	45000	150.0	87.5
Total		8		1679500	947000		583.75

Brief: The farmer used to get annual income of Rs. 138500 from paddy and maize. He faced problems of low yield and low income. With DFI interventions like FLD on ICM in Paddy, OFT on Maize + Cow intercropped system, mechanization in paddy, CFLD on pulse crop, IFS FLD , new crop of ginger and pineapple, he is getting annual income of Rs 947000. In addition, there is cost saving of 31250 in transplant and harvesting in paddy, weed management in paddy and Maize, harvesting cost in maize, disease management in ginger, Nutrient management in pineapple.



Pineapple inter cropped in Arecanut as crop Diversification



FLD plot of INM in paddy



Name of farmer : Subhashchandra Shirali
Address : Kanakoppa, Post Husire, Sirsi Taluk, Uttara
Kannada
Karnataka
Age : 57
Education : BA (15th)
Size of land holding (in acre) : 12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	7.0 acre	115.0 q	172500	60500
Field Crop 1	Sugarcane	2.0 acre	62 q	396800	133800
Hort. Crop 1	Arecanut	3.0 acre	16.0 q	448000	175000
Hort. Crop 2	Black pepper	Intercrop in Arecanut 1.0	1.0 q	34000	18000
Hort. Crop 3	Banana	Intercrop in Arecanut 1.0	85 q	170000	75000
Livestock 1	Cows	2 Nos	350 l	9800	4000
Total		12		1231100	466300

2) Status in 2020

Component Description		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	7.0 acre	140.0 q	224000	98000	21.7	62.0
Field Crop 2	Black gram	After paddy 2.5	8.0 q	48000	18000	>100.0	>100.0
Field Crop 3	Sugarcane	2.0 acre	85 q	612000	380000	37.1	184.0
Hort. Crop 1	Arecanut	3.0	20.0 q	480000	230000	25.0	31.4
Hort. Crop 1	Black pepper	Intercrop in Arecanut 1.0	1.7 q	59500	38000	70.0	111.1
Hort. Crop 2	Banana	Intercrop in Arecanut 1.0	102.0 q	255000	162000	20.0	116.0
Livestock 1	Cows	2 Nos	450 l	12600	7200	28.6	80.0
Total		12		1691100	933200		100.13

Brief: The farmer used to get annual income of Rs. 466300/- from paddy, sugarcane, arecanut, black pepper and banana. He faced problems of Low yield and low income. With DFI interventions like FLD on ICM paddy with green manuring crop and new paddy variety PSB-68, CFLD on Pulses, Nutrient management in sugarcane, organic liquid jaggery production, nutrient management in arecanut and scientific drainage, he is getting annual income of Rs. 933200/-. In addition, there is cost saving of Rs. 28700/- in nutrient management in Sugarcane, weed management in Paddy and Arecanut, Harvesting cost of Paddy crop.



Unit of Liquid Jaggery Making



Proceed Liquid Jaggery



Name of farmer : Srinivas Naganoor
Address : Krishigalli, Ramanagar post, Zoida, Uttaraannada
 Karnataka
Age : 41
Education : B.com PGDCA (15th)
Size of land holding (in acre) : 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1.0 acre	25.0 q	37500	16400
Hort. Crop 1	Cashew	1.0 acre	0.5 q	4000	3000
Hort. Crop 2	Coconut	0.5acre	6.25 q	25000	22000
Livestock 1	Cows	2 Nos	250 l	7000	3000
Total		2.5		73500	44400

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	1.0 acre	35.0 q	52500	33500	40.0	104.3
Field Crop 2	Ground nut	Intercrop in Cashew (1)	2.0 q	12000	7500	>100.0	>100.0
Hort. Crop 1	Cashew	1.0 acre	2.0 q	20000	15000	300.0	400.0
Hort. Crop 2	Coconut	0.5acre	10 q	50000	36000	60.0	63.6
Fishery	Fishery	Farm pond 1350 sqft	2.0 q	30000	22000	>100.0	>100.0
Sericulture	Silk worm rearing	3 crops with 300 DFL	3.75 q	75000	60000	>100.0	>100.0
Livestock 1	Cows	2 Nos	430 l	12900	8200	72.0	173.3
Total		2.5		252400	182200		310.36

Brief: The farmer used to get annual income of Rs. 44400/- from maize, cashew and coconut. He faced problems of low yield and low income. With DFI interventions like green manuring and its mulching, nutrient and weed management in maize, tea misquote management in cashew and fishery a new enterprise, he is getting annual income of Rs. 182200/-. In addition, there is cost saving of Rs. 2300/- in weed management in maize and mulberry.



Interfusion of Mulberry in farmer field



Ginger inter cropped in Mulberry



Name of farmer : Dhanjaya Shet
Address : Gudnapur, Sirsi Taluk, Uttara Kannada District
 Karnataka
Age : 58
Education : 10th std
Size of land holding (in acre) : 1.08

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0 acre	30.0 q	48000	20000
Hort. Crop 1	Arecanut	0.08 acre (100 trees)	0.3 q	7500	3500
Hort. Crop 2	Coconut	0.8	2.75 q	11000	6000
Total		1.08		66500	29500

2) Status in 2020

Component Description		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	0.8 acre	42.0 q	67200	42000	40.00	110.0
Field Crop 2	Black gram	After paddy 0.8	1.5 q	9000	5000	>100.0	>100.0
Hort. Crop 1	Ginger	0.05	24.0 q	70000	35000	>100.0	>100.0
Hort. Crop 2	Arecanut	0.08 acre (100trees)	1.0 q	35000	24000	233.3	585.7
Hort. Crop 3	Black pepper	Intercrop in Arecanut 0.08	0.3 q	10000	6000	>100.0	>100.0
Hort. Crop 3	Betel wine	5 vines 0.02	1.20 q	10000	8000	>100.0	>100.0
Hort. Crop 4	Cardamom	Intercrop Arecanut 0.08	0.02 q	6000	4000	>100.0	>100.0
Hort. Crop 5	Arecanut nursery	Intercrop Arecanut 0.08	2000 Nos	50000	30000	>100.0	>100.0
Hort. Crop 6	Coconut	10 Nos	3.5 q	14000	10000	27.3	66.7
Total		1.08		271200	164000		455.93

Brief: The farmer used to get annual income of Rs. 29500/- from paddy, arecanut and coconut. He faced problems of Low yield and low income. With DFI interventions like FLD on ICM in Paddy with green manuring crop of Diancha, CFLD on pulses, Multistoried cropping system in arecanut garden of backyard, he is getting annual income of Rs. 164000/-. In addition, there is cost saving of Rs. 3450/- in weed management and nutrient management in paddy.



Cardamom inter crop in arecanut plantation



Arecanut based Multistoried cropping system



Name of farmer : Malatesh Kaler
Address : Haraganalli
 Karnataka
Age : 38
Education : 7th std
Size of land holding (in acre) : 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	30	45000	18250
Field Crop 2	Maize(inter crop in Mango)	2	31	46400	22600
Hort. Crop 1	Mango	2	7.75 q	38750	25620
Total		4		130150	66470

2) Status in 2020

Component Description		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(inter crop in Mango)	2	48.00	78750	48550	60.0	166.0
Field Crop 2	Maize	2	52	78000	51250	67.7	126.8
Field Crop 3	Black gram	1	0.65	3900	950	>100.0	>100.0
Field Crop 4	Green gram	1	0.70	4000	1200	>100.0	>100.0
Hort. Crop 1	Mango	2	15.6 q	78000	65450	101.3	155.5
Livestock 1	Buffalo	1 no.	945.Ltr	33075	20500	>100.0	>100.0
Total		4		275725	187900		182.68

Brief: The farmer used to get annual income of Rs. 66470/- from paddy, maize, mango etc. He faced problems like low yield & low income. With DFI interventions like FLD on integrated crop management in paddy, nutrient and weed management in maize, **CFLD on pulses**, trainings, etc., he is getting annual income of Rs 187900/-. In addition, there is cost saving of Rs. 8560/- in harvesting cost due to mechanization and use weedicides (Butachlor in paddy and atrazine in maize) in the production of field crops (paddy and maize).



FLD plot of PSB-68 new paddy variety



CFLD plot of DU-1 Black gram variety

Effect of DFI intervention



Name of farmer : Sandesh Sadanand Bandekar
Address : Tingalbail Post, Hillur, Ankola
 Karnataka
Age : 30Years
Education : ITI (Motor Mechanical Vehicle)
Size of land holding (in acre): 1.50

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.75 Ac	6.00 Q Grain + 4.0 q Straw	10000.00	4500.00
Hort.Crop 2	Arecanut	0.75 Ac	3.5 Q	101500.00	58000.00
Livestock 1	Cow Local	1 Nos	450 L	11250.00	3500.00
Other enterprise (Specify)	Bee keeping	50 Nos	3.5 q Honey	105000.00	65000.00
Total				227750.00	131000.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop1	Paddy	0.50 Ac	4.50 q Grain + 3.0 q Straw	8500.00	3000.00	-25.00 + -25.00	-33.33
Hort.Crop 2	Arecanut	0.75 Ac	6.0 q	220000.00	93000.00	71.43	60.34
Livestock 1	Cow Local	1 Nos	525 L	15750.00	6500.00	16.67	85.71
Other enterprise (Specify)	Bee keeping	175 Nos	10.00 q Honey + 115 Colonies	400000.00 +138000	250000.00 + 62500.00	185.71 + 100.00	284.62 + 100.00
Other enterprise (Specify)	Jaggery	0.25 Ac	8.00 q	61500.00	32000.00	>100.00	>100.00
Total				843750.00	447000.00		241.22

Brief: The farmer used to get annual income of Rs. 131000.00 from Paddy, Arecanut, dairy and bee keeping activities. He faced problems like production constraints in paddy, nut dropping and splitting in Arecanut, unawareness about the advanced techniques in beekeeping. With DFI interventions like trainings on production technology of arecanut with main emphasis on disease management, nutrient management, introduction of suitable crops in Arecanut and regular guidance by KVK scientists through consultancy, field visits, Linkages with NGO/Banks/ Cooperative societies for subsidy and marketing of produce, he is getting annual income of Rs. 447000.00.



Arecanut based cropping system



Encouraging kids too in beekeeping



Name of farmer : Hanumantappa Hanumantappa Shrangeeri
Address : Haraganalli, Karnataka
Age : 70
Education : Illiterate
Size of land holding (in acre) : 9

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	7 acre	105	157500	78750
Field Crop 2	Maize	2.0 acre	32	44800	23467
Total		9.0		202300	102217

2) Status in 2020

Component Description		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	7 acre	146	219000	123783	39.1	57.2
Field Crop 2	Maize	2.0 acre	48	72000	42120	50.0	79.5
Field Crop 3	Black gram	0.75 acre	1.8	10800	6000	>100.0	>100.0
Field Crop 4	Green gram	0.75 acre	1.5	9000	4736	>100.0	>100.0
Field Crop 5	Groundnut	1 acre (After paddy)	6.5	39500	24308	>100.0	>100.0
Hort. Crop 1	Vegetables	0.03 acre	1.50	10000	6500	>100.0	>100.0
Livestock 1	Cow	1 no.	370	11100	7600	>100.0	>100.0
Livestock 2	Hen	9 no.	1760	17600	17600	>100.0	>100.0
Total		9.0		389000	232647		127.6

Brief: The farmer used to get annual income of Rs. 102217/- from paddy and maize. He faced problems like low yield and low income. With DFI interventions like FLD on ICM in Paddy with PSB-68 new variety, Green manuring with Daincha, weedicide usage and nutrient management, he is getting annual income of Rs 232647/-. In addition, there is cost saving of Rs. 6156/- in harvesting of Paddy and maize due to mechanization and use weedicides in the production of field crops (paddy and maize).

