EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Nagaraju s/o Madappa
Address: Kalpura village
Karnataka
Age: 53
Education: 4th standard
Size of land holding (in acre):7.5

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.)
FieldCrop1	Cowpea	1	2.5	8000	3000
Hort.Crop1	Coconut	2.5	3,250	68,500	29400
Hort.Crop2	Tomato	1	28	28,500	10,500
Hort.Crop 3	Pumpkin	0.5	240	17,500	5800
Livestock1	Dairy	2	2,800	50,000	27,000
Total				172500	75700

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
FieldCrop 1	Cowpea (Irrigated)	1	3.75	12,300	7,900	50	163.33
Hort.Crop1	Coconut	2.5	4100	85,000	70,000	26.15	125.80
Hort.Crop2	Tomato	1	40	37,500	21,000	42.85	100
Hort.Crop3	Pumpkin	0.5	350	22,500	13,500	45.83	132.75
Livestock1	Dairy	2	3,200	68,000	39,000	14.28	44.44
Total				225300	151400		100

Brief: The farmer used to get annual income of Rs. 75700 from Coconut, Cowpea, Tomato, Pumpkin and Livestock. He faced problems like long dryspells, low yielding variety, high cost of inputs, not following ICM practices. With DFI interventions like improved short duration verities, multicut fodder for dry land area and practices of ICM he is getting annual income of Rs. 1,51,400.

Practice of ICM in Tomato variety–Arka Abhed

Practice of ICM in Coconut

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Nataraju s/o
Address: Kalpura village
Age: 39
Education: 8thStandard
Size of land holding (in acre):1.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	0.5	7	14000	6000
Hort. Crop1	Tomato	1	28	27,500	6,500
Hort. Crop2	Coconut	5	80	95,000	40,000
Livestock1	Cow	2	1300	28,000	13,500
Total				1,64,500	66,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) / No	Production (Q / Liter / No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop1	Ragi	0.5	9	19800	10000	>100	>100
Hort. Crop1	Tomato	1	37	35,500	19,000	32.14	192.30
Hort. Crop2	Coconut	5	96	1,40,000	90,000	20	125.00
Livestock1	Cow	2	1500	34,000	22,500	15.38	66.66
Total				229300	141500		114.39

Brief: The farmer used to get annual income of Rs. 66,000 from Tomato and Livestock's. He faced problems like low yielding variety, high cost of inputs, fodder crises, Harvesting losses, not following ICM practices. With DFI interventions like improved Tomato varieties, Seed treatment practices, area and practices of ICM he is getting annual income of Rs. 141500.

Practice of ICM in Tomato variety–Arka Abhed

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Nagesh
Address: Kalpura village
Age: 48
Education: 5th Standard
Size of land holding(in acre): 1.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Ragi	0.5	7	14000	6,000
Hort.Crop 1	Banana	0.75	56	1,30,000	70,000
Hort.Crop 2	Chilli	0.5	2.5	11,500	3,000
Livestock 1	Dairy	2	1350	25,000	13,000
Total				1,80,500	92,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)	production	Income
FieldCrop 1	Ragi	0.5	9	19800	10,000	28.57	66.66
Hort.Crop1	Banana	0.75	74	1,90,000	1,52,000	32.14	117.14
Hort.Crop2	Chilli	0.5	5.0	16,000	8,500	100.00	183.3
Livestock1	Dairy	2	1550	62,000	35,000	14.81	169.23
Total				2,87,800	2,05,500		123.36

Brief: The farmer used to get annual income of Rs. 92000 from Ragi, Banana, Chilli and Livestock. He faced problems like long dry spells, low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration verities and practices of ICM he is getting annual income of Rs. 2,05,500.

Practice of ICM in Tomato variety–Arka Abhed

ICM Practice in Banana

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Basavanna
Address: Kalpura village
Age: 47
Education: 8thStandard
Size of land holding(in acre): 6.0

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	0.5	7	10,000	4,500
Hort.Crop1	Tomato	1	22	23,000	8,000
Hort.Crop2	Coconut	5	95	1,30,000	1,50,000
Hort.Crop3	Turmeric	2	43	2,62,300	80,000
Livestock1	Dairy	3	4000	68,000	46,000
Total				4,93,300	2,88,500

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(	Net Income(	production	income
Field Crop1	Maize	0.5	10	14000	6000	42.85	33.33
Hort.Crop1	Tomato	1	36	35,000	21,500	63.63	168.75
Hort.Crop2	Coconut	5	160	2,80,000	2,00,000	68.42	33.33
Hort.Crop3	Turmeric +Chilli+Redg arm	2	60+9+1= 70	450000+ 16200+6000 =4,72,200	270000+10000+ 3000=2,83,000	>100	>100
Livestock1	Dairy	3	4,800	90,000	68,000	20	47.82
Total				8,91,200	5,78,500		100.51

Brief: The farmer used to get annual income of Rs. 2,88,500 from Maize, Tomato, Turmeric, Chilli, Redgram, Coconut and Livestock. He faced problems like long dry spells, low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration verities, multicut fodder for dry land area and practices of ICM he is getting annual income of Rs. 5,78,500.

Practice of ICM in Tomato variety–Arka Abhed

ICM Practice in Coconut

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

Name of farmer: Sampath
Address: Kalpura village
Age: 38
Education: 2nd PUC, JOC
Size of land holding (in acre): 4.0

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	0.5	7	14,000	5,000
Hort.Crop 1	Tomato	1	23	25,000	9,000
Hort.Crop 2	Chilli	1	9	15,200	7,000
Hort.Crop 3	Coconut	2	1,450	25,000	12,000
Livestock 1	Dairy	2	3,000	35,000	16,000
Total				114200	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(	production	income
Field Crop 1	Maize	0.5	9	19,000	10,000	28.57	100
Hort.Crop 1	Tomato	1	36	39,000	21,000	56.52	133.33
Hort.Crop 2	Chilli	1	12	24,000	13,500	33.33	92.85
Hort.Crop 3	Coconut	2	1,650	32,500	23,000	13.79	91.66
Livestock 1	Dairy	2	3,500	77,000	40,000	16.67	150.00
Total				191500	107500		119.38

Brief: The farmer used to get annual income of Rs. 49,000 from Maize, Tomato, Chilli, livestock and Coconut. He faced problems like long dry spells, low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration verities, multicut fodder for dry land area and practices of ICM he is getting annual income of Rs. 1,07,500.

Practice of ICM in Coconut

Practice of ICM in Tomato variety–Arka Abhed

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

Name of farmer: Mahadevaswamy
Address: Kalpura village
Age: 38
Education: 2nd PUC
Size of land holding (in acre):6.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
Field Crop 1	Maize	0.5	5	12,000	5,000
Hort.Crop 1	Tomato	1.0	26	29,000	18,000
Hort.Crop 2	Coconut	4.0	17	92,000	49,000
Livestock 1	Dairy	2	2800	42,000	28,000
Total				1,75,000	1,00,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize	0.5	9	20,000	12,000	80.00	140
Hort.Crop1	Tomato	1.0	38	66,000	36,000	46.15	100
Hort.Crop 2	Coconut	4.0	28	1,68,000	1,10,000	64.70	124.48
Livestock 1	Dairy	2	3400	72,000	43,000	21.42	53.57
Total				3,26,000	2,01,000		101

Brief: The farmer used to get annual income of Rs. 1,00,000 from Maize, Tomato, Coconut and Livestock. He faced problems like long dry spells, low yielding variety, high cost of inputs, not following ICM practices. With DFI interventions like improved short duration verities, multicut fodder for dry land area and practices of ICM he is getting annual income of Rs. 2,01,000.

Practice of ICM in Turmeric–IISR Pragathi

Practice of ICM in Coconut

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

Name of farmer: Mallesh
Address: Kalpura village
Age: 37
Education: 8th Standard
Size of land holding (in acre):5.5

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.)
FieldCrop 1	Maize	1.5	22	46,000	12,000
FieldCrop 2	Cowpea	1	2.0	7,300	3,200
Hort.Crop1	Tomato	1.0	26	24,500	8,000
Hort.Crop 2	Coconut	2.0	36	65,000	35,000
Livestock 1	Dairy	2	2500	48,000	22,000
Total				190800	80200

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1.5	30	60,000	25,000	36.36	108.33
FieldCrop 2	Cowpea	1	3.6	12,400	8,300	80.0	159.37
Hort.Crop1	Tomato	1.0	38	35,500	22,000	46.15	175.00
Hort.Crop 2	Coconut	2.0	69	38,000	1,00,000	91.66	185.71
Livestock 1	Dairy	2	3200	70,000	45,000	28.00	104.54
Total				215900	200300		149.75

Brief: The farmer used to get annual income of Rs. 80,200 from Maize, Cowpea, Tomato, Livestock and Coconut. He faced problems like long dry spells, low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration verities and practices of ICM he is getting annual income of Rs. 2,00,300.

Practice of ICM in Tomato variety–Arka Abhed

Practice of ICM in Coconut

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

Name of farmer: Kumaraswamy
Address: Kalpura village
Age: 37
Education: 2nd PUC
Size of land holding (in acre):4.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Blackgram	1	1.5	6,000	2500
FieldCrop 2	Horsegram	1	2	4400	2000
Hort.Crop1	Turmeric	1	25	1,63,000	65,000
Hort.Crop 2	Tomato	1	25	24,000	7,500
Livestock1	Cow	3	3200	60,000	35,000
Total				257400	1,12,000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Blackgram	1	2.5	10,000	6,000	66.67	140
FieldCrop 2	Horsegram	1	3.0	9500	6000	50	200
Hort.Crop1	Turmeric	1	33	2,50,000	1,50,000	32	130.76
Hort.Crop 2	Tomato	1	34	36,000	24,000	36	220.00
Livestock 1	Cow	3	4700	95,000	64,000	46.87	82.85
Total				4,00,500	2,50,000		123.21

Brief:The farmer used to get annual income of Rs.112000 from Blackgram, Horsegram, turmeric,Tomato and cow.He faced problems like long dryspells,low yielding variety,high cost of inputs,fodder crises,not following ICM practices. With DFI interventions like improved short duration verities, multi cut fodder for Dryland area and practices of ICM he is getting annual income of Rs. 2,50,000.

Inter crop of Tomato and Blackgram

Inter crop of Blackgram and Coconut

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

Name of farmer:Srikatappa
Address: Kelsuru
Age: 42
Education: SSLC
Size of land holding (in acre):5.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
FieldCrop 1	Cowpea	1	2.2	8000	2500
Hort.Crop1	Turmeric	1	25	162500	65000
Hort.Crop 2	Maize	1.5	22	40,000	12,000
Hort.Crop 3	Tomato	1	28	28,500	10,500
Livestock 1	Cow	1	1400	25,000	14,000
Total				264000	104000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Cowpea	1	3.60	12,200	8,000	63.63	220
Hort.Crop1	Turmeric	1	33	2,50,000	1,50,000	32.00	130.76
Hort.Crop 2	Maize	2	31	55,000	20,000	40.90	66.67
Hort.Crop 3	Tomato	1	38	36,000	22,000	35.71	109.52
Livestock 1	Cow	1	1600	34,000	21,000	14.28	50
Total				387,200	221,000		112.5

Brief:The farmer used to get annual income of Rs.104000 from Cowpea,turmeric,Maize,tomato and cow.He faced problems like long dryspells, low yielding variety, high cost of inputs,fodder crises,not following ICM practices.With DFI interventions like improved short duration verities,seeds instead of bulbs in onion,multicut fodder for dry land area and practices of ICM he is getting annual income of Rs. 2,21,000.

Practice of ICM in Turmeric

Practice of ICM in Maize

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

Name of farmer: Nagendra
Address: Byadamodllu village
Age: 35
Education: 2nd PUC,
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.)
FieldCrop 1	Horsegram	1	1.75	4200	2000
FieldCrop 2	Groundnut	1	4	8000	3000
Hort.Crop1	Banana	1	72	72000	35000
Plantation.Crop1	Coconut	1	8000no	48000	30000
Total				132200	70000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names		Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Horsegram	1	2.8	9000	5000	60	150
FieldCrop 2	Groundnut	1	6.5	26000	18000	62.5	500
Hort.Crop1	Banana	1	85	187000	127000	18.05	262.86
Plantation.Crop1	Coconut	1	10000no	135000	105000	25	250
Total				357000	255000		264.29

Brief: The farmer used to annual income of Rs.70000 from Banana,Coconut, Groundnut and Horsegram.He faced problems like pest and disease,low yielding varieties. With DFI intervention like shortduration high yield varieties, integrated pest and disease management he is getting annual income of Rs. 255000.

Integrated Crop Management in Banana

Coconut+Banana intercropping

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

Name of farmer: Ningaraju
Address: Hardanahalli village
Age: 35
Education: P.U.C
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.)
FieldCrop 1	Sugarcane	1	45	100000	70000
Fieldcrop 2	Maize	1	15	16500	10000
Horticulture crop	Banana	1	75	75000	40000
Total				191500	120000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Sugarcane	1	55	150000	100000	22.22	42.86
Fieldcrop 2	Maize	1	25	30000	20000	66.67	100
Horticulture crop	Banana	1	90	170000	130000	20	225
Total				350000	250000		108.33

Brief: The farmer used to annual income of Rs.120000 from Banana,sugarcane,Maize.He faced problems like weed management, pest and disease,Nutrient management.With DFI intervention like Integrated weed management,integrated pest and disease management,Integrated nutrient management he is getting annual income of Rs. 250000.

Integrated crop management in Banana

Integrated crop management in maize

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

Name of farmer: Chethan HP
Address: Hardanahalli village
Age: 31
Education: 2nd PUC, Diploma E&C
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.)
FieldCrop 1	Pigeonpea	1	3.5	17500	7500
Hort.Crop1	Banana	1	70	60000	30000
Hort.Crop 2	Turmeric	1	24	156000	61000
Plantation.Crop1	Coconut	1	5000no	57000	40000
Total				290500	138500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Pigeonpea	1	4.5	36000	25000	28.57	233.33
Hort.Crop1	Banana	1	90	180000	120000	28.57	300
Hort.Crop 2	Turmeric	1	36	252000	180000	50	195.08
Hort.Crop 3	Beetroot	1	6	60000	45000	>100	>100
Plantation.Crop 1	Coconut	1	7500no	90000	80000	50	100
Total				618000	450000		224.91

Brief: The farmer used to annual income of Rs.138500 from Banana, Coconut, Turmeric, Pigeonpea and Beetroot. He faced problems like pest and disease due to monocroppinng, difficult to manage weeds in beetroot and turmeric. With DFI intervention integrated pest and disease management and integrated weed management, crop rotation with pulsesheisgettingannualincome of450000.

ICM In Banana (Yelakki)

Growing of short duration turmeric–Pragathi

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

Name of farmer:Karpanna
Address: Hardanahalli village
Age: 36
Education: SSLC
Size of landholding (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.)
FieldCrop 1	Cowpea	1	2.5	12500	6000
Hort.Crop1	Banana	1	75	82000	40000
Hort.Crop2	Turmeric	1	23	150000	60000
Plantation.Crop1	Coconut	1	6000no	35000	30000
Total				279500	136000

2) Status in 2020

ComponentDescription		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Cowpea	1	3.5	21000	15000	40	150
Hort.Crop1	Banana	1	100	150000	90000	33.33	125
Hort.Crop 2	Turmeric	1	30	240000	180000	30.43	200
Plantation.Crop1	Coconut	1	8000no	95000	75000	33	150
Total				506000	360000		164.71

Brief: The farmer used to annual income of Rs.136000 from Banana, Turmeric, coconut and cowpea.He faced problems like lowyield, more pest and disease infestations. With the DFI intervention shortduration improved variety, integrated pest and disease management,he is getting annual income of Rs. 360000.

Intercropping of turmeric in coconut

ICM in Banana

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

Name of farmer:Basappa
Address: Kelsuruhundi village
Age: 39
Education: SSLC
Size of land holding (in acre): 3.0

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop 1	Onion	1	40	80000	50000
Hort.Crop 2	Banana	1	75	65000	40000
Hort.Crop 3	Turmeric	1	22	145000	80000
Hort.Crop 4	Beetroot	1	50	12000	7000
				302000	177000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
Hort.Crop 1	Onion	1	70	140000	100000	75	100
Hort.Crop 1	Banana	1	85	190000	140000	13.33	250
Hort.Crop 2	Turmeric	1	36	265000	190000	63.63	137.5
Hort.Crop 4	Beetroot	1	90	35000	25000	80	257.14
				630000	455000		157.06

Brief: The farmer used to annual income of Rs. 177000 from Banana, Turmeric Onion and beetroot.He faced problems like low yield, more of cost of production,more pest and disease infestations. With the DFI intervention short duration integrated pest and disease management and Nutrient management, he is getting annual income of Rs.455000.

Practice of ICM in turmeric variety

Intercropping of beetroot with banana

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

Name of farmer:Shivanna

Address: Thamadahalli
Age: 45
Education: SSLC
Size of land holding (in acre):4.0

1) Before Intervention

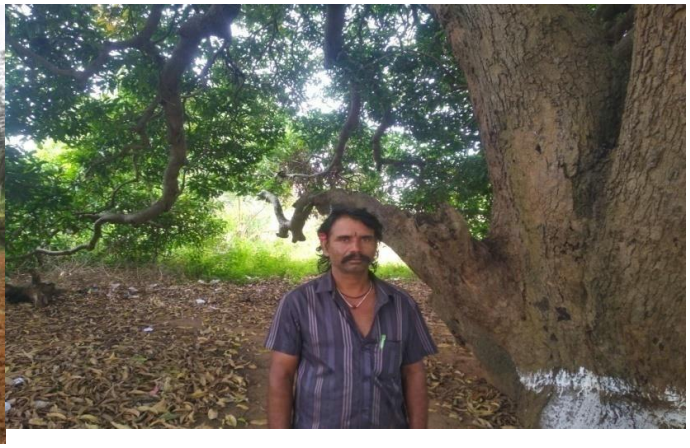
Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Horsegram	1	2	4400	2000
FieldCrop 2	Groundnut	1	4	8000	3000
Hort.Crop 1	Banana	1	72	72000	35000
Hort.Crop 2	Cucmber	1	25	20000	15000
Hort.Crop 3	Mango	1	4	40000	30000
Total				144400	85000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Horsegram	1	2.8	8500	5000	40	150
FieldCrop 2	Groundnut	1	6.5	26000	18000	62.5	500
Hort.Crop 1	Banana	1	85	187000	127000	18.05	262.85
Hort.Crop 2	Cucmber	1	35	42000	35000	40	133.33
Hort.Crop 3	Mango	1	6	60000	50000	50	66.67
Total				323500	235000		176.47

Brief: The farmer used to annual income of Rs. 85000 from Banana, Manago, Cucmber, Groundnut and banana.He faced problems like lowyield,erratic rainfall,more pest and disease infestations.With the DFI intervention short duration integrated pest and disease management and weather based crop management,he is getting annual income of RS. 235000.

ICM in Banana



ICM in Mango

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

Name of farmer: Pappanna
Address: Haradanahalli
Age: 51
Education: 7th Standard
Size of landholding (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.)
FieldCrop 1	Maize	1	15	18000	8000
Hort.Crop 2	Turmeric	1	24	156000	70000
Horticulture crop	Banana	1	70	70000	42000
Plantation crop	Coconut	1	1200(No)	18000	12000
Total				262000	132000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1	28	35000	25000	86.67	212.50
Hort.Crop2	Turmeric	1	36	252000	180000	50	157.14
Horticulture crop	Banana	1	85	160000	100000	21.42	138.09
Plantation crop	Coconut	1	1800(No)	35000	25000	50	108.33
Total				482000	330000		150

Brief: The farmer used to annual income of Rs. 132000 from Maize, Turmeric, Banana, Coconut.He faced problems like low yield, erratic rainfall, more pest and disease infestations. With the DFI intervention shortduration integrated pest and disease management and weather based crop management, he is getting annual income of Rs. 330000.

Practices of ICM in Banana

ICM in turmeric

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

Name of farmer: Prasanna
Address: Haradanahallii
Age: 45
Education: 7th standard
Size of land holding (in acre): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Cowpea	1	2.5	12500	6000
Plantation.Crop1	Coconut	1	8000no	48000	30000
Total				60500	36000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(	production	income
FieldCrop 1	Cowpea	1	3.5	21000	15000	40	150
Plantation.Crop1	Coconut	1	10000no	135000	105000	25	250
Total				156000	120000		233.33

Brief: The farmer used to annual income of Rs. 36000 from Cowpea and Coconut.He faced problems like low yield, erratic rainfall, more pest and disease infestations. With the DFI intervention shortduration integrated pest and disease management and weather based crop management,he is getting annual income of Rs.120000.

Practice of ICM in Cowpea variety–KBC-2

Growing of cowpea as intercrop in Coconut

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

Name of farmer: Ravi
Address: Haradanahallii
Age: 49
Education: PUC
Size of landholding (in acre): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	23	25000	15000
Hort.Crop1	Banana	1	60	65000	30000
Hort.Crop 2	Turmeric	1	24	140000	70000
Plantation.Crop1	Coconut	1	7000no	55000	40000
Total				285000	155000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Maize	1	28	34000	25000	21.73	66.67
Hort.Crop 1	Banana	1	85	160000	100000	41.66	233.33
Hort.Crop 2	Turmeric	1	30	200000	140000	25.00	100
Plantation.Crop1	Coconut	1	9000no	110000	90000	28.57	125
Total				504000	355000		129.03

Brief: The farmer used to annual income of Rs. 155000 from Maize, Turmeric, Banana, Coconut. He faced problems like low yield, erratic rainfall, more pest and disease infestations. With the DFI intervention short duration varieties, integrated pest and disease management and weather based crop management ,he is getting annual income of Rs.355000.

Practice of ICM in turmeric variety–Prathiba

Gowing of tissue culture banana-G9

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

Name of farmer: Mallikarjunas/oMahesh
Address: Arakalavadivillage
Age: 38
Education: PUC
Size of land holding (in acre):8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Nu	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	2	36	40000	25000
FieldCrop 2	Sugarcane	2	1000	220000	120000
FieldCrop 3	Foddersorghum	2	300	-	-
Horti.Crop 1	Turmeric	2	41	250000	140000
Horti.Crop 2	Coconut	50	4000	22000	17000
Livestock	Crossbreedcow	3	3150lt	59000	31000
Total				591000	333000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Maize	1	28	48000	32000	-22.2	28
FieldCrop2	Sugarcane	2	1400	364000	210000	40	75
FieldCrop3	Blackgram	1	3	14400	10000	>100	>100
FieldCrop4	MulticutFodder sorghum +Lucerne	1	700	-	-	>100	-
Horti.Crop1	Turmeric	3	90	630000	360000	119.5	157.14
Horti.Crop2	Coconut	50	7000	57000	42000	75	147.06
Livestock	Crossbreedcow	4	4900lt	107000	60000	55.5	93.54
Total				1220400	714000		114.41

Brief: The farmer used to get annual income of Rs.333000 from Maize, sugarcane, turmeric, coconut and livestock. He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management. With DFI interventions like ICM practices, introduction of new improved verities and crop diversification and training he is getting annual income ofRs.714000.

Introduction of Multicut fodder sorghum

Introduction of Black gram –LBG791

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

Name of farmer: Shivshankar s/o Chandrappa
Address: Mookahalli village
Age: 45
Education: BA
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.)
FieldCrop 1	Blackgram	2	3	12600	8000
FieldCrop 2	Chickpea	2	3	9750	6000
Hort.Crop 1	Banana– g9	2	600	360000	215000
Hort.Crop 2	Coconut	200	83	95000	65000
Live stock	Crossbreed cow	3	3600	64800	35000
Total				542150	329000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Blackgram	2	4.5	30600	20000	50	150
FieldCrop 2	Chickpea	2	7	32000	22000	133.33	266.66
Hort.Crop 1	Banana– g9	2	720	432000	295000	20	37.20
Hort.Crop 2	Turmeric	1	28	196000	110000	>100	>100
Hort.Crop 3	Coconut	200	130	234000	164000	56.62	152.30
Live stock	Crossbreed cow	3	4800	105600	58000	33.33	65.71
Total				1030200	669000		103.34

Brief: The farmer used to get annual income of Rs.329000 from blackgram, chickpea, banana, coconut and dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated crop management, crop diversification and training he is getting annual income of Rs. 669000.

Spraying Banana special (Micronutrient Mixture)

Adoption of ICM inGreem gram– KKM3

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

Name of farmer: Raju M s/o late. Mahadevegowda
Address: Kotamballi village
Age: 44
Education: 9th
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.)
FieldCrop 1	Green gram	1.2	2	11000	7000
FieldCrop 2	Chickpea	1.2	3	15000	8000
FieldCrop 3	Maize	1	18	13500	8500
Horti.Crop1	Banana	1	60	140000	90000
Total				179500	113500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Green gram	1.2	3.5	24500	16000	75	128.57
FieldCrop 2	Chickpea	1.2	4.0	31000	21000	33.33	162.5
FieldCrop 3	Maize	1	25	**42500**	**30000**	38.89	252.9
Horti.Crop1	Banana	1	100	**252000**	**150000**	66.67	66.66
Livestock	Crossbreed cow	2	1700lt	**37000**	**21000**	>100	>100
Total				**387000**	**238000**		109.69

Brief: The farmer used to get annual income of Rs.113500 from green gram, chickpea, maize and Banana. He faced problems like incidence of pest and diseases and lack of knowledge on integrated crop management and improved varieties. With DFI interventions like adoption of ICM practices, improved varieties and training he is getting annual income of Rs.238000.

Seed treatment in Hybrid Maize (MAH-14-5)

Foliar spray of 2% DAP in Chickpea (Jaki - 9218)

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

Name of farmer: Nagendraswamy s/o Mahadevegowda
Address: Kotamballi village
Age: 45
Education: PUC
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.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop 1	Green gram	1	2	11000	7000
FieldCrop 2	Chickpea	1	3	16000	8000
FieldCrop 3	Maize	1.5	27	13500	8500
Horti.Crop 1	Banana	1	70	140000	73000
Horti.Crop 2	Watermelon	2	300	210000	100000
Livestock	Crossbreedcow	2	2200	38000	20000
Total				428500	216500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No	Gross Income(Rs.)	NetIncome (Rs.)	production	income
FieldCrop 1	Green gram	1	3.5	21000	14000	75	100
FieldCrop 2	Chickpea	1	6	35000	23000	100	187.5
FieldCrop 3	Maize	1.5	45	24000	15000	66.67	76.47
Horti.Crop1	Banana	1	90	250000	150000	28.6	105.5
Horti.Crop 2	Watermelon	2	360	300000	200000	20	100
Livestock	Crossbreedcow	2	2700	60000	33000	22.73	65
Total				690000	435000		100.92

Brief:The farmer used to get annual income of Rs.216500 from greengram, chickpea, maize, watermelon, Banana and Dairy. He faced problems like incidence of pest and diseases and lack of knowledge on integrated crop management and improved varieties. With DFI interventions like adoption of ICM practices, improved varieties, intercropping, seed production, demonstration and training he is getting annual income of Rs.435000.

Application of micronutrient mixture in Green gram(KKM-3)

ICM in watermelon and Banana

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

Name of farmer:Siddegowda s/o Nanjegowda
Address: Homma village
Age: 43
Education: 5th
Size of land holding (in acre): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Green gram	2	4.5	26000	17000
FieldCrop 2	Chickpea	2	7	22000	15000
FieldCrop 3	Maize	1	18	19000	10000
FieldCrop 4	Sunflower	1	3	9000	6000
Total				76000	48000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
FieldCrop 1	Green gram	2	6	33000	20000	33.33	17.62
FieldCrop 2	Chickpea	1	6	24000	15000	-14.3	0
FieldCrop 3	Maize	1	35	60000	42000	94.44	320
FieldCrop 4	Sunflower	1	4	14000	8000	33.33	33.33
HortiCrop 1	Banana	1	100	220000	140000	>100	>100
Livestock	Crossbreed cow	2	1900	42700	23000	>100	>100
Total				393700	248000		416.67

Brief: The farmer used to get annual income of Rs.48000 from maize, sunflower, greengram and chickpea. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated crop management, crop diversification and inclusion of animal component he is getting annual income of Rs. 248000.

Introduction of YMV resistance Greengram–KKM-3

Introduction of drought tolerant short duration sunflower–KBSH-78

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

Name of farmer:Puttaswamy s/o Mahadevegowda
Address: Katnavaddi village,Chamarajnagara taluk
Age: 41
Education: 8
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.)
FieldCrop 1	Green gram	1.5	3	23200	15600
FieldCrop 2	Paddy	1.5	30	42000	21000
FieldCrop 2	Sugarcane	1.5	800	176000	93400
Total				241200	130000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Green gram	1.5	3.5	28000	19000	16.66	21.79
FieldCrop 2	Paddy	1.5	35	61000	48000	16.66	128.57
FieldCrop 2	Sugarcane	1.5	1000	**270000**	**180000**	25	92.7
Livestock	Crossbreed cow	1	950	**22000**	**13000**	>100	>100
Total				**381000**	**260000**		100

Brief: The farmer used to get annual income of Rs.130000 from greengram, paddy and Sugarcane. He faced problems like lack of knowledge on improved varieties, integrated crop management and mechanization. With DFI interventions like introduction of improved varieties, integrated crop management, mechanization, dairy and training he is getting annual income of.Rs.260000

Adoption of Drumseeder technique in paddy

Introduction of KMP 220 paddy variety and ICM Practices

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

Name of farmer: Chinnaswamy s/o Mahadevegowda
Address: Homma village
Age: 36
Education: SSLC
Size of land holding (in acre):4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Green gram	1	2	11500	7500
FieldCrop 2	Chickpea	2	6	19500	13000
FieldCrop 3	Maize	1	13	14300	10000
FieldCrop 4	Blackgram	1	2.2	9200	6200
Total				54500	36700

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	income
FieldCrop 1	Green gram	1	2.4	19000	13000	20	73.33
FieldCrop 2	Chickpea	2	13	59000	39000	116.66	200
FieldCrop 3	Maize	1	15	16500	11500	15.38	15
FieldCrop 4	Sunflower	1	5	18500	13000	>100	>100
HortiCrop 1	Banana	1	100	220000	140000	>100	>100
Livestock	Crossbreed cow	2	1900	42700	23000	>100	>100
Total				375700	239500		552.58

Brief: The farmer used to get annual income of Rs.36700 from maize, greengram, Blackgram and chickpea. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated crop management, diversified farming, dairy, mechanization and training he is getting annual income of Rs.239500.

Introduction of drought tolerant short duration sunflower–KBSH-78 and Mechanization

Introduction of maize hybrid MAH –145 and ICM practices

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

Name of farmer: Mahadevegowda
Address: Kotamballi village
Age: 60
Education: 3rdstd
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.)
FieldCrop 1	Blackgram	1	2	11500	7500
FieldCrop 2	Chickpea	2	6	19500	13000
FieldCrop 3	Maize	2	26	28000	15500
Livestock	Crossbreed cow	2	1800lt	33000	17000
Total				92000	53000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	Production	income
FieldCrop 1	Blackgram	1	2.4	19000	13000	20	73.33
FieldCrop 2	Chickpea	2	13	59000	39000	116.66	200
FieldCrop 3	Maize	2	32	35000	24000	23.07	23.07
Livestock	Crossbreed cow	2	2400lt	54000	30000	33.33	76.47
Total				167000	106000		100

Brief: The farmer used to get annual income of Rs.53000 from maize, Blackgram, chickpea and dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties,integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated cropmanagement, diversified farming, dairy, mechanization and training he is getting annual income of Rs. 106000.

Introduction of YMV resistance variety Blackgram –LBG791 and ICM practices

Introduction of maize hybrid MAH – 14-5 and ICM practices

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

Name of farmer:Mahadevappa s/o Lt.Kullappa
Address: Doddathuppuru village, Gundlupete taluk
Age: 65
Education: 7thstd.
Size of land holding (in acre): 3

1) Before Intervention

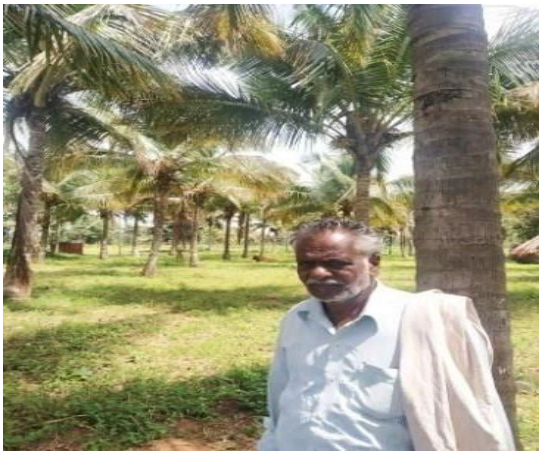
Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	13	14000	9000
FieldCrop 2	Sunflower	1	3	8400	5000
FieldCrop 3	Horsegram	2	6	4600	3000
Horti.Crop1	Turmeric	1	25	152000	90000
Horti.Crop 2	Coconut	50 no	28	33000	23000
Total				212000	130000

2) Status in 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
FieldCrop 1	Maize	1	20	22000	14000	53.84	55.56
FieldCrop 2	Horsegram	1	3.5	10800	7500	-41.6	150
Horti.Crop1	Turmeric	1	32	227000	136000	28	51.11
Horti.Crop2	Coconut	50 no	40	72000	50000	42.8	117.39
Horti.Crop3	Banana	1	150	330000	190000	>100	>100
Total				661800	397500		205.76

Brief: The farmer used to get annual income of Rs.130000 from Maize, Sunflower, Horsegram, Turmeric and Coconut. He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management.With DFI interventions like ICM practices, introduction of new improved verities and crop diversification and training he is getting annual income of Rs. 397500.

Adoption of ICM in Banana



Adoption of INM practices in coconut

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

Name of farmer: Lokesh s/o lt.Chennappa
Address: Doddathuppuru village, Gundlupete taluk
Age: 42
Education: PUC
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.)
FieldCrop 1	Maize	2	23	25000	17000
FieldCrop 2	Sunflower	2	6	17000	12000
FieldCrop 3	Sorghum	1	3	3000	2000
FieldCrop 4	Horsegram	3	9	21000	14000
Horti.Crop1	Coconut	60 no	30	36000	21250
Total				102000	66250

2) Status in 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
FieldCrop 1	Maize	2	25	28000	20000	8.69	17.64
FieldCrop 2	Sunflower	2	7	22000	15000	16.66	25
FieldCrop 3	Sorghum	1	3.5	3500	2500	16.66	25
FieldCrop 4	Horsegram	2	7	22000	15000	-22.2	7.14
FieldCrop 5	Cowpea	2	9	55000	30000	>100	>100
Horti.Crop1	Coconut	60 no	40	72000	50000	33.33	100
Total				202500	132500		100

Brief: The farmer used to get annual income of Rs.66250 from Maize, Sunflower, Horsegram and Coconut.He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management. With DFI interventions like ICM practices, introduction of new improved verities and crop diversification and training he is getting annual income of Rs. 132500.

Adoption of ICM practices and Improved variety in Cowpea KBC -9

Adoption of INM practices in coconut

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

Name of farmer: Shivappa
Address: Doddathuppuru village, Gundlupete taluk
Age: 71
Education: 2nd 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.)
FieldCrop 1	Castor	1	1.5	5700	3700
FieldCrop 2	Sunflower	1	2.5	7000	5000
FieldCrop 3	Fieldbean	1	1.5	6500	3500
Total				19200	12200

2) Status in 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
FieldCrop 1	Castor	1	2.5	11000	7000	66.66	89.19
FieldCrop 2	Sunflower	1	3.5	11000	8500	40	70
FieldCrop 3	Fieldbean	1	2.5	15000	10000	66.66	185.71
Total				37000	25500		109.01

Brief: The farmer used to get annual income of Rs.12200 from Castor, Sunflower, and fieldbean. He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management. With DFI interventions like ICM practices, introduction of new improved verities and training he is getting annual income of Rs.25500.

Adoption of ICM practices in Field bean

Adoption of ICM practices and Improved variety In Castor

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

Name of farmer: Kumar s/o Puttaswamy
Address: Doddathuppuru village,Gundlupete taluk
Age: 28
Education: PUC
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.)
FieldCrop 1	Maize	2	26	28000	20000
FieldCrop 2	Sunflower	1	3	8400	5000
FieldCrop 3	Red gram	1	3	8400	5800
Livestock	Crossbreedcow	2 no	2000lt	36000	20000
Total				80800	50800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	2	33	36000	28000	26.92	40
FieldCrop 2	Sunflower	1	4	12800	8500	33.33	70
FieldCrop 3	Red gram+Green gram	1	3 + 2=5	8400+ 16000 = 24400	17000	>100	>100
Livestock	Crossbreedcow	3 no	3400lt	76000	50000	70.00	150
Total				149200	103500		103.74

Brief: The farmer used to get annual income of Rs. 50800 from Maize, Sunflower, Redgram and Dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management. With DFI interventions like ICM practices, introduction of new improved verities,intercropping and training he is getting annual income of Rs. 103500.

Adoption of ICM practices in Maize

Adoption of ICM practices and intercropping in Redgarm

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

Name of farmer: Gurumalappa s/o Puttaswamy
Address:Doddathuppuru village Gundlupete taluk
Age:45
Education:7th std.
Size of land holding (in acre):3

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop1	Maize	1	16	17000	11000
Field Crop2	Ragi	1	8	24000	16000
Field Crop3	Horsegram	2	5.5	12500	9000
Hori.Crop1	Small onion	1	48	105000	60000
Livestock	Cross breedcow	2 no	2000lt	36000	20000
Total				194500	116000

Component Description		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	Maize	1	24	26000	18000	50	63.63
Field Crop 2	Ragi	1	13	30000	22000	62.5	37.5
Field Crop 3	Greengram	2	5	40000	25000	100	100
Horticrop1	Smallonion - Banana	1	52+130=182	100000+260000= 360000	70000+170000 =240000	>100	>100
Livestock	Cross breedcow	3 no	3400lt	76000	50000	70	150
Total				532000	355000		206.03

Brief:The farmer used to get annual income of Rs.116000 from Maize, Ragi, Horsegram, Small onion and Dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved verities and integrated crop management. With DFI interventions like ICM practices, introduction of new improved verities, intercropping, dairy and training he is getting annual income of Rs. 355000.

Adoption of ICM practices in Ragi

Adoption of ICM practices and
Relay cropping of Onion and Banana

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

Name of farmer:Devakiprabhat
Address:Kollegala village
Age:38
Education:B.Com
Sizeoflandholding (in acre):7.19

1) 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	2	48	48000	31000
Field Crop 2	Sugarcane	1	600	138000	80000
Field Crop3	Ragi	1	14	28000	15000
Hort.Crop1	Coconut	2	110	97500	75000
Hort.Crop3	Banana	1.5	125	190000	100000
Total				501500	301000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	NetIncome (Rs.)	production	income
Field Crop 1	Maize	2	61	73000	49000	27.08	58.06
Field Crop 2	Sugarcane	1	750	206000	150000	25	87.5
Field Crop3	Ragi	1	16	37000	25000	14.28	66.66
Hort.Crop1	Coconut	2	180	270000	230000	63.63	206.66
Hort.Crop3	Banana	1.5	130	312000	200000	4	100
Total				898000	654000		117.27

Brief: The farmer used to get annual income of Rs.301000 from Maize, Sugarcane, ragi, coconut and banana. He was not aware about improved technologies, lacking knowledge of suitable yielding variety, ICM practices. With DFI interventions like training and linkage of line department,improved verities and adoptionof ICM she is getting annual income of Rs 654000.

Adoption of ICM practices in Coconut for high yield andquality

Preparation of leaves extract–to reduce the cost ofcultivation

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

Name of farmer: Yashwanth kumar TP
Address:Chinchalli village
Age:34
Education:BE, MBA
Size of land holding (inacre):50

1) Before Intervention

ComponentDescription		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	NetIncome(Rs.)
FieldCrop1	Maize	10	240	264000	150000
FieldCrop2	Ragi	5	60	90000	54000
Hort.Crop1	Banana	10	1200	1920000	1152000
Hort.Crop2	Watermelon	2	440	220000	100000
Hort.Crop3	Garlic	2	36	180000	100000
Hort.Crop4	Potato	2	160	144000	90000
Sericulture	Mulberry/Silkcocoon (CBgold)	10 acre/ 150DFLs/	0.9(Silkcocoon)	162000	80000
Livestockfarming	Dairy	4 desi cow, 18 goat ,30sheepand45a	4200lt.milk	84000	70000
Total			-	3064000	1796000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(	NetIncome (Rs.)	production	income
Field Crop1	Maize	10	280	308000	215000	16.66	43.33
Field Crop2	Ragi	5	65	150000	95000	8.33	75.92
Hort.Crop1	Banana	10	1200	2760000	1545000	00	34.11
Hort.Crop2	Turmeric	10	300	2100000	1000000	>100	>100
Sericulture	Mulberry/Silk cocoon(Bi-voltine)	10 acre/ 500DFLs/ batch	12(Silkcocoon)	480000	300000	1233.33	275
Livestockfarming	Dairy	20Desi cow, 18 goat ,30sheepand40asil	51000lt.milk	1122000	800000	1142.86	1042.85
Total			-	6920000	3955000	-	120.21

Brief:The farmer used to get annual income of Rs.1796000 from maize, Ragi, Banana, watermelon, garlic, potato, sericulture and dairy farming. He was not aware about improved technologies in sericulture and benefits in Sericulture department, lacking knowledge and suitable yield ingvariety, ICM practices .With DFI interventions like training and linkage of line department,improved verities and adoption of ICM and large scale production he is getting annual income of Rs 3955000. In Addition he also practicing agroforestry

Feeding Asil poultry birds

Raring of Bi-voltine silkworm in improved rearing house

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

Name of farmer: Yashodha
Address:Doddathuppuru village
Age:38
Education:SSLC
Size of land holding (in acre):20

1)Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crop1	Sunflower	4	16	54000	36000
Field Crop2	Horsegram	4	16	36000	22000
Hort.Crop1	Turmeric+Smallonion	3	78+180=258	475000+390000=865000	520000
Hort.Crop2	Coconut	5	165	181000	120000
Hort.Crop3	Banana	4	400	600000	299500
Livestock	Dairyfarming	7	9000lt	162000	80000
Total				1898000	1077500

2)Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop1	Sunflower	4	20	74000	54000	25	50.00
Field Crop2	Horsegram	4	16	52000	40000	00	81.81
Hort.Crop1	Turmeric+Small onion+Chilly	4	120+240+490=850	850000+600000+450000=1900000	1200000	>100	>100
Hort.Crop2	Coconut	5	190	247000	185000	15.15	54.16
Hort.Crop3	Banana	3	430	900000	550000	7.5	52.77
Livestock	Dairyfarming	7	11500lt	253000	126000	27.77	57.50
Total				3426000	2155000		100

Brief:The farmer used to get annual income of Rs.1077500 from Sunflower, Horsegram, coconut, Turmeric+Smallonion, banana and Dairy farming. He was not aware about improved technologies,lacking knowledge of suitable yielding variety, ICM practices. With DFI interventions like training on improved verities and adoption of ICM she is getting annual income of Rs 2155000. She is also following agro forestry

Adoption of Intercropping and ICM practices in Horticulture crop

Bumper yield of Smallonion

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

Name of farmer: Kumar B s/o Basavanna
Address:Boodhitittu
Age:39
Education:PUC
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.)
FieldCrop 1	Paddy	2	33	41250	21800
FieldCrop 2	Blackgram	2	4.5	18900	13200
Hort.Crop1	Bittergourd	2	30	54000	34000
Total				114150	69000

2) Statusin 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Paddy	2	42	82000	52000	27.27	138.53
FieldCrop 2	Blackgram	2	5.5	37400	26000	22.22	96.96
Hort.Crop1	Bittergourd	1	34	81600	52000	13.3	52.94
Hort.Crop2	Frenchbean (poletype)	1	100	330000	250800	>100	>100
Total				531000	380800		451.88

Brief: The farmer used to get annual income of Rs. 69000 from Paddy, Black gram and Bittergourd. He was lacking knowledge on Market oriented farming, ICM practices and suitable yielding variety. With DFI interventions like market oriented farming, improved verities of Paddy, Blackgram and adoption of ICM he is getting annual income of Rs. 380800

Paddy - Application of recommended dose of fertilizer

ICM in French bean and Bittergourd

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

Name of farmer: Naveen M s/o T S Madhegowda
Address: T Hosuru village
Age: 34
Education: PUC
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.)
FieldCrop 1	Paddy	1	17	21000	12000
aFieldCrop 2	Blackgram	1	2.25	9400	6300
Hort.Crop1	Banana	1	90	216000	122350
Livestock1	Cow	1	1250	21250	11700
Total				267650	152350

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Paddy	1	22	42000	22000	29.41	83.33
FieldCrop 2	Blackgram	1	2.6	17600	12300	15.55	95.23
Hort.Crop1	Banana	1	120	360000	252000	33.33	106
Livestock1	Cow	1	1400	33600	18400	12	57.26
Total				453200	304700		100

Brief: The farmer used to get annual income of Rs.152350 from Paddy, Black gram, Banana and Cow.He was lacking knowledge on ICM practices and suitable yielding variety. With DFI interventions like improved verities of paddy, Black gram, Banana and adoption of ICM he is getting annual income of Rs 304700.

Banana–Desuckringandorganicallygrown

Fertigation-ApplicationofPanchagavya

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

Name of farmer:Manjunath T H s/o Onkaranayaka
Address: Thondavadivillage
Age: 42
Education: SSLC
Size of land holding(inacre):3.5

1) Before Intervention

Component Description		Benchmark(Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sunflower	2	6.5	18200	12700
FieldCrop 2	Horsegram	2	6	15000	13000
Hort.Crop1	Turmeric	1.5	32	192000	115000
Livestock1	Cow	2	2100	35000	19600
Total				260200	160300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sunflower	2	10	40000	28000	53.84	120.47
FieldCrop 2	Horsegram	2	8	30000	24500	33.33	88.46
Hort.Crop1	Turmeric	1.5	50	370000	247000	56.25	114.78
Livestock1	Cow	2	2500	60000	33000	19.04	68.36
Total				500000	332500		107.42

Brief: The farmer used to get annual income of Rs.160300 from Sunflower, Horsegram, Turmeric and livestock. He was lacking knowledge on ICM practices and suitable yielding variety. With DFI interventions like improved verities of Sunflower, Turmeric, fodder and adoption of ICM he is getting annual income of Rs332500.

Sunflower–Adoption of Improved KBSH-78 hybrid Variety and ICM

Field Bean–Adoption of Improved variety and ICM

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

Name of farmer: Ashwini w/o Lingaraju
Address:Surapuravillage
Age:40
Education:SSLC
Size of land holding(inacre):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.)
FieldCrop 1	Maize	1.5	36	46800	32000
FieldCrop 2	Fieldbean	1.5	2	3800	2400
Hort.Crop1	Turmeric	1.5	30	180000	93100
Livestock1	Cow	2	2200	35000	19000
Total				265600	146500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1.5	47	84600	59000	30.55	84.37
FieldCrop 2	Fieldbean	1.5	3	7500	5000	50	108.33
Hort.Crop1	Turmeric	1.5	40	300000	195000	33.33	95
Livestock1	Cow	2	2600	62000	34000	18.18	78.94
Total				454100	293000		100

Brief: The farmer used to get annual income of Rs.146500 from Maize, Fieldbean, Turmeric and livestock. She was lacking knowledge on ICM practices and suitable yielding variety. With DFI interventions like improved verities of maize, fieldbean, turmeric, fodder and adoption of ICM she is getting annual income of Rs.293000.

Turmeric –Adoption of Improved IISR Prathibha variety and ICM

FieldBean–Adoption of Improved variety and ICM

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

Name of farmer: Seshakumar R
Address: Kotere village, Gundulpete taluk
Age: 66
Education: Degree
Size of land holding (in acre):3

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Jowar	0.5	2	2200	1500
FieldCrop 2	Ragi	0.5	3	6000	4000
FieldCrop 3	Sugarcane	1	60	138000	81000
Hort.Crop1	Banana	1	80	160000	106050
Hort.Crop2	Plantation crops	1	60	50000	31000
Total				356200	223550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Jowar	0.5	4	7200	4600	100	206.66
FieldCrop 2	Ragi	0.5	5	12500	8500	66.66	112.5
FieldCrop 3	Sugarcane	1	80	216000	129000	33.33	59.3
Hort.Crop1	Banana	1	130	390000	250000	62.5	135.7
Hort.Crop2	Plantation crops	1	85	70000	55000	41.66	77.4
Total				695700	447100		100

Brief: The farmer used to get annual income of Rs.223550 from Jowar, Ragi, Banana and plantation crops like (beetalvine, pomegranate, drumstick, dragonfruit, Guava, sapota, tamarind and grapes). He was lacking knowledge and suitable yielding variety, ICM practices. With DFI interventions like improved verities and adoption of ICM he is getting annual income of Rs.447100. In addition, he adopted solar and wind for electricity for his pumpset.

Adoption of Solar for Pumpset

Pomegranate crop

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

Name of farmer: Manjunath
Address: Haradanahalli village chamarajanagar tq
Age: 37
Education: SSLC
Size of land holding (in acre):3.3

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Ragi	0.5	7	14000	6000
Hort.Crop1	Turmeric	2	43	262300	92300
Hort.Crop2	Coconut	1	68	88400	68000
Livestock1	Dairy	2	4320	77760	46656
Total				442460	212956

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Ragi	0.5	**9**	**19800**	**10000**	28.57	66.66
Hort.Crop1	Turmeric+ Chilli+ Redgarm	2	60 + 9+ 1 = **70**	450000+ 16200+6000 =**472200**	270000+10 000+3000= **283000**	>100	>100
Hort.Crop2	Coconut+ Beetelvine+ fieldbean	1	80 + **95**	192000+300 0+18000= **213000**	153600+20 00+9000= **164600**	>100	>100
Livestock1	Dairy	2	**6400**	**153600**	**92200**	48.18	97.61
Total				**858600**	**549800**		158.17

Brief: The farmer used to get annual income of Rs.212956 from, ragi, turmeric, coconut and cow. He faced problems like low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration and High yielding verities, mixed cropping system and practices of ICM in Dairy milk yield is increased due to cultivation of improved fodder verities and by practices of balanced feed he is getting annual income of Rs. 549800.

Mechanization in coconut farming

Mixed cropping in Improved turmeric field

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

Name of farmer:Nataraju
Address:Bandigowdanahalli village Chamarajanagara tq
Age:38
Education:SSLC
Size of land holding (in acre):4.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sorghum	1	4	3200	2000
FieldCrop 2	Sugarcane	1	60	168000	78000
FieldCrop 3	Horsegram	1	4	11600	8000
Hort.Crop1	Turmeric	1	24	144000	64000
Hort.Crop2	Coconut+ Banana	2	60 + 80=**140**	78000+144000 =**222000**	127000
Livestock1	Cow	3	4600	87400	52000
Livestock2	Backyard poultry	20	12 kg meat+ 200eggs	4200+2000=**6200**	5000
Total				642400	336000

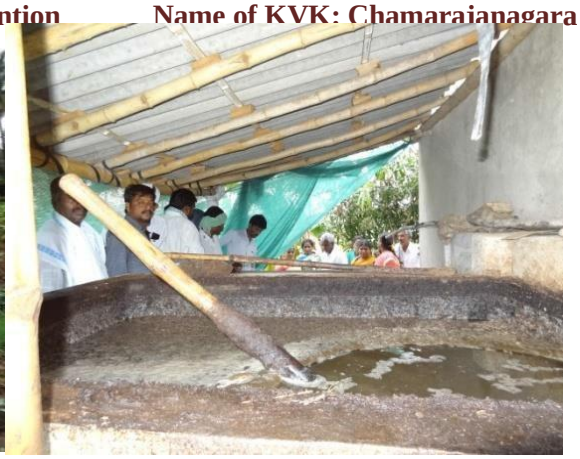
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sorghum+ blackgram	1	4 +2=6	4000+8000 =12000	4800	>100	>100
FieldCrop 2	Sugarcane+ Fieldbean	1	62 +3=65	173000+450 0 =177500	94000	>100	>100
FieldCrop 3	Ragi+ Cowpea	1	8 +4=12	20000+8000 =28000	12800	>100	>100
Hort.Crop1	Turmeric	1	30	210000	126000	25.00	96.88
Hort.Crop2	Banana+ Coconut	2	82 +65=147	164000 +149000= 313000	234000	5.00	84.25
Sericulture	CBgold	6	420	126000	75600	>100	>100
Nursery	Coconutand Vegetables	0.5	1000	100000	70000	>100	>100
Livestock1	Cow	3	4800	110400	55000	4.35	5.77
Livestock2	Backyard poultry	26	13 kg+ 230 egg	6500+3450 =9950	7800	8.33	56.00
Total				1086850	680000		102.38

Brief: The farmer used to get annual income of Rs.336000 from Sugarcane, Sorghum, Banana, horsegram, turmeric, coconut and livestock. He faced problems like low yielding variety, high cost of inputs, monocropping, fodder crises, not following ICM practices. With DFI interventions like improved short duration and High yielding verities, mixed cropping system, practices of ICM and he started new component of Sericulture and by following principle of IFS i.e output of one component to the input for other components he is effectively utilizing waste resources and by all these he is getting annual income of Rs. 680000.

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

Vegetable Nursery



Bio–digester for effective utilization of farm waste

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Shashikumar
Address:Doddathuppuru village
Age:33
Education: 2nd PUC, JOC
Size of land holding (in acre):3.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sunflower	1	3	9000	5000
FieldCrop 2	Cowpea	1	2.5	9000	3000
Hort.Crop1	Turmeric	1	25	162500	65000
Hort.Crop2	smallonion	1	40	100000	40000
Livestock1	Cow	3	3240	71280	28500
Total				351780	141500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sunflower	1	5	20000	15000	66.66	150
FieldCrop 2	Cowpea	1	3.5	11200	7500	40	150
Hort.Crop1	Turmeric	1	33	250800	150000	32	130.76
Hort.Crop2	smallonion	1	40	100000	72900	0	82.25
Livestock1	Cow	3	4200	100800	38300	29.63	34.38
Total				482800	283700		100

Brief: The farmer used to get annual income of Rs.141500 from Sunflower, Cowpea, turmeric, Small onion and cow. He faced problems like long dry spells, low yielding variety, high cost of inputs, fodder crises, not following ICM practices. With DFI interventions like improved short duration verities, seeds instead of bulbs in onion, multicut fodder for dry land area and practices of ICM he is getting annual income of Rs283700. In addition, there is cost saving of Rs.35000 in the production of small onion.

Practice of ICM in Sunflower variety–KBSH7-9

Sowing Multicut fodder sorghum–COFS-29

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:ChandrakalaG w/o MaheshM
Address:TerakanambiHundi village Gundlupete tq.
Age:30
Education:PUC
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.)
FieldCrop 1	Sorghum	1	4	3200	2000
HortiCrop1	Turmeric(local) + Smallonion	1	22+43=65	134000+86000= 220000	115000
HortiCrop2	Banana-Nendran	1	92	130000	80000
Total				353200	197000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1	19	20000	12000	>100	>100
HortiCrop1	Turmeric(Prathiba) + Smallonion	1	32 + 45= 77	227000 + 90000 = 317000	220000	18.46	69.23
HortiCrop2	Banana-Nendran	1	115	253000	162000	25	102.5
Total				590000	394000		100

Brief: The farmer used to get annual income of Rs.197000 from Sorghum, Turmeric, small onion and Banana. She faced problems like incidence of pest and diseases and poor growth/low yields. With DFI interventions like introduction of improved varieties, application of recommended dose of fertilizer, and timely management of pest and disease she is getting annual income of Rs. 394000

Well managed anana crop

ICM in Turmeric

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Chinnakannu Ns/oNarayana
Address:Byranatha village Kollegala tq.
Age:27
Education:PUC
Size of land holding(in acre):4

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	2	34	37000	25000
HortiCrop1	Turmeric (local)	1	22	134000	82000
HortiCrop2	BushBeans	2	82	140000	70000
Total				311000	177000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	2	53	59000	42000	55.88	68.00
HortiCrop1	Turmeric (Prathiba)	1	33	235000	152000	50.00	78.82
HortiCrop2	BushBeans	2	122	317000	160000	48.78	128.57
Total				611000	354000		100

Brief: The farmer used to get annual income of Rs.177000 from maize, turmeric and bushbeans. He faced problems like incidence of pest and diseases and lack of nutrient management. With DFI interventions like introduction of improved varieties, application of recommended dose of fertilizer, and timely management of pest and diseases he is getting annual income of Rs.354000

Adoption of ICM in Turmeric

Adoption of IPDM and INM in Maize

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Gowreesha G s/o Gurumalappa
Address:Byranatha village Kollegala tq.
Age:
Education:PUC
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.)
FieldCrop 1	Maize	1	16	17000	11000
FieldCrop 1	Turmeric (local)	1.5	31	189000	106500
Total				206000	117500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1	27	30000	20000	68.75	81.81
FieldCrop 1	Turmeric (Prathiba)	1.5	46	326000	215000	48.38	95.45
Total				**356000**	**235000**		100

Brief: The farmer used to get annual income of Rs.117500 from Maize and Turmeric. He faced problems like incidence of pest and diseases and lack of nutrient management. With DFI interventions like introduction of improved varieties, application of recommended dose of fertilizer and timely management of pest and diseases he is getting annual income of Rs. 235000.

Adoption of ICM in Maize

Adoption of ICM in improved turmeric variety

EffectofDFIintervention **NameofKVK:Chamarajanagara**

rmer: Krishnamurthy S s/o lt.Subbaiah
Amachavadi village, Chamarajanagara tq.

PUC
holding (in acre):3

1) Before I

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Horti.Crop1	Tomato	1	250	150000	75000
Horti.Crop2	Turmeric(local)	1	23	140000	86000
Horti.Crop3	Banana(Nendra)	1	95	152000	73500
Total				442000	234500

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
Horti.Crop1	Tomato	1	293	225000	134000	17.20	78.67
Horti.Crop2	Turmeric (Prathiba)	1	34	241000	160000	47.83	86.05
Horti.Crop3	Banana(Nendra)	1	130	260000	175000	36.84	92.31
Total				**726000**	469000		100

Brief: The farmer used to get annual income of ₹234500 from tomato, turmeric and banana. The main problems faced were incidence of blight disease and Pin worm in tomato, pseudo stem weevil damage in banana and growing local variety/stem borer & rhizomerot in turmeric. Through DFI interventions farmer adopted improved, high yielding IISR Prathiba variety, application of trichoderma and pseudomonas bioagents and successfully managed the problem of rhizomerot in turmeric thereby realizing increased yield and returns. Also in tomato he could adopt integrated pest and disease management practices for the management of blight disease & pinworm damage in tomato and foliar application of micronutrient mixture vegetable special. As a result of these interventions now he is getting annual income of ₹.469000.

ICM in Banana

ICM in Tomato

Name of farmer: Lalitha N w/o Mallanna M
Address: RS Doddi village Hanuru tq.
Age:38
Education:PUC
Size of land holding (in acre):3

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Maize	1	14	15000	8800
Horti Crop1	Turmeric (Local)	1	22	134000	80000
Horti Crop2	Banana (Grand Nine)	1	318	155000	70000
Total				304000	158800

2) Status in 2020

Component Description		Period2020-21				%increaseoverbaseyear	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	GrossIncome(Rs.)	Net Income(	Production	income
Field Crop 1	Maize	1	22	24500	18000	57.14	104.54
Horti Crop1	Turmeric (Prathiba)+ Small onion	1	32 + 41	227000 + 82000 = 309000	210000	>100	>100
Horti Crop2	Banana (GrandNine)	1	380	190000	102000	19.49	45.71
Total				**523500**	**330000**		107.81

Brief: The farmer used to get annual income of Rs. 158800 from maize, turmeric and banana. She faced problems like incidence of pest and diseases and lack of knowledge on nutrient management and ICM practices. With DFI interventions like improved varieties, ICM practices and trainings he is getting annual income of Rs.330000.

Adoption of ICM in Small onion

Adoption of ICM in Grand nine Banana

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Madhu kumar B s/o Basavaraju
Address: Jinakanahalli village Kollegala tq.
Age: 27
Education: Post graduate
Size of land holding(in acre):10.5

1) Before Intervention

Component Description		Benchmark (Baselineperiod2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income(Rs.)
Field Crop 1	Sugarcane	5	2250	416000	224500
Field Crop 2	Maize	1.5	21	23000	15000
Field Crop 3	Paddy	4	64	86000	52000
Total				525000	291500

2) Status in 2020

Component Description		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	5	2900	754000	467000	28.89	92.98
Field Crop 2	Maize	1.5	30	33000	23000	42.86	53.33
Field Crop 3	Paddy	4	84	143000	93000	31.25	78.85
Total				**930000**	**583000**		100

Brief: The farmer used to get annual income of Rs. 291500 from sugarcane, maize and paddy. He faced problems like incidence of fall army worm in maize ,early shoot borer in sugarcane and leaf roller in paddy..With DFI interventions, he was able to manage fall army worm in maize and early shoot borer in sugarcane through suitable agronomic practices and need based pesticides and application of balanced fertilizers that resulted in increased yield and returns. Now he is getting an annual net income of Rs. 583000

Adoption of ICM in Sugarcane

Adoption of IPDM and INM in maize

EffectofDFIintervention **NameofKVK:Chamarajanagara**

er:RameshS s/o lt.Siddaramaiaha

adahalli Village, Chamarajanagara tq.

C

lding (inacre):4.0

1) Be

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	1.5	660	125000	75000
Field Crop 2	Maize	2.5	37.5	41000	25000
Total				166000	100000

2) Status in 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	Sugarcane	1.5	810	218000	150000	22.73	87.50
Field Crop 2	Maize	2.5	65	72000	50000	73.33	100
Total				**290000**	**200000**		100

Brief: The farmer used to get annual income of Rs. 100000 from sugarcane and maize. He faced problems like incidence of fall army worm in maize and early shoot borer in sugarcane. With DFI interventions, he was able to manage fall army worm in maize and early shoot borer in sugarcane through suitable agronomic practices and need based pesticides and application of balanced fertilizers that resulted in increased yield and returns. Now he is getting an annual net income of Rs. 200000.

ICM in Sugarcane Adoption of IPDM and INM in Maize

Name of farmer: Madhumalathi M w/o Elaya Murthy
Address: Lokanahalli village Hanuru tq.
Age:23
Education: 2nd PUC
Size of land holding (in acre): 3.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	2	24	26000	14000
HortiCrop1	Turmeric	1	21	130000	85000
Total				156000	99000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) /	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	2	37	40700	30000	54.17	114.29
HortiCrop1	Turmeric (Prathiba) + Chilli	1	32 +18=50	227000+ 30000= 257000	172000	>100	>100
Total				297700	202000		104.04

Brief: The farmer used to get annual income of Rs.99000 from maize and turmeric. She faced problems like incidence of pest and diseases and lack of nutrient management. She faced problems like incidence of pest and diseases and lack of knowledge on nutrient management. With DFI interventions like improved varieties, ICM practices and training she is getting annual income of Rs 202000.

Adoption of ICM in Maize

Adoption of Improved Turmeric variety Prathiba and Inter cropping

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Mahadevaswamy N s/o Nanjundaswamy
Address: Duggahatti village Hanurutq.
Age: 27
Education: ITI
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)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	920	165000	97000
Field Crop 2	Paddy	0.5	7	8400	5000
Horti. Crop1	Coconut	50 tree	4300nuts	18000	14000
Total				191400	116000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2	1060	286000	190000	15.21	68.14
Field Crop 2	Paddy	0.5	10	14000	10000	42.88	100
Horti. Crop1	Coconut	50 tree	5500nuts	45000	32000	27.91	128.57
Total				**345000**	**232000**		100

Brief: The farmer used to get anannual net income of Rs. 116000 Sugarcane, paddy and coconut. He faced problems like incidence of root grub and redrotin sugarcane, stemborer in paddy, and poor management practices in crops. With DFI interventions like application of trichoderma, pseudomonas, Metarhizium, neemcake & need based pesticides and recommended dose of fertilizers in sugarcane able to get higher yield and returns, seed treatment with bioagents and application of pesticides and balanced nutrient management in paddy and coconut ICM practices. He is getting anannual net income of Rs 232000

Action Phototitle 01

Action Phototitle 02

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Mallesha G s/o Guruswamappa
Address: Harave village Chamarajanagara tq.
Age:31
Education: BA Graduate
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	Maize	2	20	22000	13000
Field Crop 2	Horse gram	2	5	11500	7200
Horti Crop1	Turmeric (Local)	2	43	258000	165000
Total				291500	185200

2) Status in 2020

Component Description		Period 2020-21				% increaseoverbaseyear	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Maize (Irrigated)	2	41	45000	28000	105.00	115.38
Field Crop 2	Horsegram	2	7	22000	14000	40.00	94.44
Horti Crop1	Turmeric (Prathiba)+ Smallonion	2	62+ 100= 162	440000+200000=640000	372000	>100	>100
Total				707000	414000		123.54

Brief: The farmer used to get annual income of Rs. 185200 from Maize, Horsegram and Turmeric. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, nutrient management and ICM practices. With DFI interventions like adoption of Improved variety, mixed cropping, integrated nutrient, pest and diseases management he is getting annual income of Rs. 414000

Adoption of ICM inMaize

Adoption of ICM in Turmeric

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Panirajamurthy KN s/o Nagendramurthy P
Address: Kuderu village Chamarajanagara tq.
Age: 34
Education: M.CA
Size of land holding (in acre): 18

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop1	Maize(Irrigated)	4	48	53000	33000
Horti Crop1	Tomato(Hybrid)	4	380	228000	135000
Horti Crop2	Beetroot	4	70	455000	250000
Horti Crop3	Banana+ Watermelon	6	480+600=1080	570000+300000=870000	474000
Total				1606000	892000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q)	GrossIncome(Rs.)	Net Income(	production	income
Field Crop 1	Maize (Irrigated)	4	80	88000	60000	66.67	81.81
Horti Crop1	Tomato (Hybrid)	4	540	380000	250000	42.10	83.82
Horti Crop 2	Beetroot	4	100	750000	525000	42.85	110
Horti Crop 3	Banana+Watermelon	6	590+710=1300	1100000+450000=1550000	950000	20.37	75.92
Total				2768000	1785000		100

Brief: The farmer used to get annual income of Rs. 892000 from Maize, Tomato, Beetroot, Banana and watermelon. He faced problems like incidence of pest and diseases and lack of nutrient management. With DFI interventions like timely integrated pest and disease management and application of micronutrient and recommended dose of fertilizer he is getting annual income of Rs. 1785000

Adoption of ICM in Beetroot

Adoption of ICM in Tomato

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Prabhuswamy KN s/o Nagalingappa
Address: Konanuru village Chamarajanagara tq.
Age: 50
Education: SSLC
Size of land holding (in acre): 5

1) Before Intervention

Component		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre) / Number	Production	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop1	Banana–Nendran	5	450	765000	443000
Horti.Crop2	Coconut	120no.	10560Nuts	47500	37000
Total				812500	480000

2) Status in 2020

Component Description		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.Crop1	Turmeric (Prathiba)	3	93	660000	450000	>100	>100
Horti.Crop2	Coconut	120no.	14400nuts	110000	84000	36.36	127.03
Horti.Crop3	Banana–Yalakki	2	252	655000	426000	-44.0	-11.25
Total				14250000	960000		100

Brief: The farmer used to get annual net income of Rs. 480000 by growing Nendran banana and coconut. The main constraints were pseudostem weevil damage in banana and nut dropping & insectpest / diseasein coconut. With DFI interventions he took up Turmeric cultivation with ICM practices and obtained increased yield and returns. Instead of Nendran he raised yalakki banana and managed coconuts trees with good agriculture practices mainly application trichoderma, pseudomonas, balanced fertilizers, biofertilizes, micronutrient application and need based application of plant protection chemicals. As a result of these practices at present he has realized an annual net income ofRs. 960000

Well maintained coconut plantation

ICM in Turmeric (Prathiba)

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Shivaprakash G s/o Ganesha B
Address: Terakanambi hundi village Gundlupete tq.
Age: 37
Education: M BA
Size of land holding (in acre): 7.5

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.)
Horti Crop1	Coconut	90 trees	6480nuts	31500	22000
Horti Crop2	Banana	3	315	441000	286000
Horti Crop3	Turmeric (local)+	3.5	77 +133= 210	469000+ 266000= 735000	414400
Total				1207500	722400

2) Status in 2020

Component Description		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 Crop1	Coconut	90 trees	9000nuts	77000	53800	38.89	144.54
Horti Crop2	Banana (Yalakki)	3	379	833000	541000	20.32	89.16
Horti Crop3	Turmeric (Prathibha)+ SmallOnion	3.5	116+ 160 = 276	823000+ 320000= 1143000	850000	>100	>100
Total				**2053000**	**1444800**		100

Brief: The farmer used to get annual income of Rs. 722400 and was facing problems like nut dropping, ganoderma wilt disease in coconut, panama wilt disease & Pseudostem weevilin banana, growing local turmeric variety which was susceptible to rhizomerot and was in fested with stemborer. In Small Onion twister disease was more. With DFI interventions he was able to mange coconutnut dropping & ganoderma wilt with the application of balanced crop nutrients, application of neem cake and recommended fungicide. With the adoption of ICM in banana with INM and IPDM, he was able to realise higher bunch yield with reduced pest & disease incidence. He started cultivating IISR Prathibha turmeric variety which yielded higher than local variety and fetched additional profit. With all these interventions, at present he is getting anannual net income Rs. 1444800.

ICM in Turmeric

ICM in Banana

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Nandeesha GM s/o lt.GN Mahadevappa
Address: Goolipura village Chamarajanagara tq.
Age: 49
Education: Diploma
Size of land holding (in acre):3

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	840	164000	100000
Field Crop 2	Paddy	1	14	17000	10000
Total				181000	110000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane + Bushbeans	2	1010+30 = 1040	270000+ 51000 =321000	170000+ 40000= 210000	>100	>100
Field Crop 1	Paddy	1	22	29000	20000	57.14	100
Total				350000	230000		109.09

Brief: The farmer used to get annual income of Rs.110000 Paddy and Sugarcane. Improper spacing, rootgrub and imbalanced nutrient management caused low yield of Sugarcane. In Paddy the problem of leaf roller coupled with cultivation of local variety resulted in reduced yield. With DFI interventions, the farmer was able to adopt improved paddy variety Gangavathi Sona, INM and IPDM measures and realisehig her yield.He adopted wider row spacing, scientific thrash management, application of neem cake &bio-agent Metarhizium and balanced chemical fertilizer sand was able to obtain higher Sugar cane yield. With the adoption of all these technologies he is getting annual net income of Rs. 230000.

Adoption of ICM in Sugarcane

Adoption of Gangavathi Sona Paddy variety

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Mallesh Kumar M s/o Mahadevappa
Address: Mukudahalli, Gundlupete taluk
Age: 33
Education: D.ed
Size of land holding(in acre): 4

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop1	Tomato	1	250	150000	75000
Horti.Crop2	Turmeric(local)	1	23	140000	86000
Horti.Crop3	Banana(Nendra)	1	95	152000	73500
Total				442000	234500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)	production	income
Horti.Crop1	Tomato	1	293	225000	134000	17.20	78.67
Horti.Crop2	Turmeric (Prathiba)	1	34	241000	160000	47.83	86.05
Horti.Crop3	Banana (Yalakki)	1	130	260000	175000	36.84	92.31
Total				**726000**	469000		100

Brief: The farmer used to get annual income of Rs. 234500 from tomato, turmeric and banana.The main problems faced were incidence of blight disease and Pin worm in tomato, pseudo stem weevil damage in banana and growing local variety / stem borer & rhizomerot in turmeric. Through DFI interventions farmer adopted improved, high yielding IISR Prathibha variety, application of trichoderma and pseudomonas bioagents and successfully managed the problem of rhizomerotin turmeric the rebyrealizing increased yield and returns. Also in tomato he could adopt integrated pest and disease management practices for the management of blight disease & pinworm damage in tomato and foliar application of micronutrient mixture vegetable special. Asa result of these interventions now he is he is getting annual income of Rs. 469000.

ICM in Banana

ICM in Tomato

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:D.V Nataraja s/oVenkappa

Address: Doddahundi village, Gundlupete taluk
Age: 54
Education: B.Com
Sizeoflandholding (in acre): 4.30

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q/Liter/N	Gross Income (Rs.)	Net Income (Rs.)
Hort.Crop1	Watermelon	3	270	160000	70000
Sericulture	CBGold	1 acre	5 batch= 5.10	102000	61000
Live stock	Crossbreedco	2 no	3800lt	68000	34000
Total				330000	165000

2) Status in 2020

Component Description		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.Crop1	Chilly	1	60	95000	50000	>100	>100
Sericulture	Bivoltine	2.5 acre	9 batch =14.40 q	504000	302400	182.3	305.74
Live stock	Cross breed cow	2 no	4300 lt	94000	47000	13.16	38.23
Total				693000	399400		142.06

Brief: The farmer used to get anannual net income of Rs. 165000 from water melon, sericulture and Dairy. Due to indiscriminate use of fertilizer and pesticides soil health was degraded. And was not aware about improved technologies in sericulture and benefits in Sericulture department. Scientific dairying was not practiced. With DFI interventions like application of Organic manure, Trichoderma, Pseudomonas, neem cake and soil test based nutrient management,Intensive adoption of Bivoltine breed in Sericulture and linkage of line department he was able to get sustained income. Now with these intervention she is getting an annual net income of Rs. 399400.

Tree mulberry for quality and quantity leaves

Chilli crop

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: KM Sundaramurthy s/o malayappagownder
Address: Bastipura village Chamarajanagara tq.
Age: 54
Education: 2nd PUC
Size of land holding (in acre): 12

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Numb	Productio n	GrossIncome (Rs.)	Net Income (Rs.)
Horti.Crop1	BananaYal akki	3	288	402000	255000
Horti.Crop2	Turmeric(Lo cal)	4	92	560000	352000
Horti.Crop3	Coconut	600tree	64000nuts	300000	230000
Total				1262000	837000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(A cre)/No	Production(Q/Liter/No.)	GrossInc ome(Rs.)	Net Income(	production	Income
Horti.Crop1	BananaYalakki	3	372	720000	474000	29.17	85.88
Horti.Crop2	Turmeric (Prathibha)+ Chilly	4	132+180 = 312	936000+ 304000= 1240000	588000+ 160000= 748000	>100	>100
Horti. Crop4	Coconut	600trees	100000nuts	765000	520000	56.25	126.08
Total				2725000	1742000		108.12

Brief: The farmer used to get annual income of Rs. 837000 from banana, turmeric, and coconut. The major problems in these crops were panama wilt, stemborer & rhizome rot, nut dropping resulting in low yield and diminished returns. With DFI interventions like application of neem cake, Trichoderma, Pseudomonas, cultivation of high yielding variety IISR Prathibha, application of balanced fertilizers and recommended pesticides, he was able to get an increased yield & additional profit. With all these interventions coupled with timely & proper management practices, at present he is getting anannual net income of Rs. 1742000.

Adoption of ICM in IISR Prathibha inTurmeric

Adoption of ICM in Banana and Coconut

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Praveen s/o Sundaram
Address: Haradanahalli village Chamarajanagara tq.
Age: 43
Education: BA
Size of land holding (in acre): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Num	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop1	Banana-Nendran	2	186	317000	200000
Horti.Crop2	Coconut	300no.	24000nuts	117000	87000
Horti.Crop3	Arecanut	3	64	320000	240000
Horti.Crop4	Turmeric(local)	2	45	275000	181000
Total				1029000	708000

2) Status in 2020

Component Description		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.Crop1	Banana-Nendran	2	236	518000	365000	26.88	82.5
Horti.Crop2	Coconut	300no.	29000nuts	224000	170000	20.83	95.40
Horti.Crop3	Arecanut	3	80	480000	380000	25	58.33
Horti.Crop4	Turmeric (Prathibha)+ Chilly	2	64 +160 = 224	448000+ 256000= 704000	305000+ 153000= 458000	>100	>100
Total				1926000	1373000		100

Brief: The farmer used to get annual income of Rs. 708000 from Banana, Coconut, Arecanut and Turmeric. The major problems were low yields due to the Pseudostem weevil menace in banana, nut dropping in coconut & Arecanut and rhizome rot & stem borer in turmeric. With DFI interventions, the farmer was able to manage the Pseudo stem weevil menace in banana through phytosanitation and application of neem cake & recommended insecticide. Through proper nutrient management, the problem of nut dropping in coconut & Arecanut was resolved there by obtaining increased nut yield. By adoption of improved variety IISR Prathibha, application of Trichoderma & Pseudomonas procured from KVK and application of recommended fungicide & insecticide, he was able to manage rhizome rot and stem borer in Turmeric. With all these solutions, the farmeris getting anannual net income of Rs. 1373000.

Adoption of ICM in Banana

Adoption of INM & IPDM in Arecanut and Coconut

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Veerasha S s/o Shivamalappa
Address: Ankanashettypura village, Chamarajanagara tq.
Age: 35
Education: SSLC
Size of land holding (in acre):4

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production(Q/Liter/No.)	GrossIncome(Rs.)	Net Income(Rs.)
Horti.Crop1	Banana-Nendran	2.5	210	370000	195500
Horti.Crop2	Coconut	180no	17000nuts	83000	57000
Livestock	CrossbreedCow	3	5100lt	91000	50000
Total				544000	302500

2) Status in 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
Horti.Crop1	Banana-Nendran	2.5	285	655000	415000	35.71	97.62
Horti.Crop2	Coconut	180no	21500nuts	170000	120000	26.47	110.53
Livestock	CrossbreedCow	3 no	6000lt	132000	70000	17.65	40
Total				957000	605000		100

Brief:The farmer used to get an annual net income of Rs.302500 from Banana, Coconut and Dairy.He was facing problems like panama wilt disease & Pseudostem weevil in banana. Nut dropping in coconut, fodder limitation in dairy farming. With DFI interventions like application of Trichoderma, pseudomonas,neem cake & application of recommended pesticides reduced the incidence of the Pest & disease in Banana and coconut. Application recommended dose of NPK fertilizers Micronutrients helps in getting more yield. Now he is getting an annual net income of Rs.605000.

Well maintained Coconut Orchard

Dairy–Cross breed cattle

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Karthik H M s/oMaheshHG
Address: Heggavadi village, Chamarajanagara tq.
Age: 24
Education: PUC
Size of land holding (in acre):13

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	5	60	66000	42000
FieldCrop 2	Chickpea	8	20	65000	39000
FieldCrop 3	Blackgram	5	10	42000	30000
Total				173000	111000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production(Q/Liter/No.)	GrossIncome(Rs.)	Net Income(	production	income
FieldCrop 1	Maize(MAH-14-5)	5	80	88000	57000	33.33	35.71
FieldCrop 2	Chickpea(Jaki-9281)	8	44	204000	132000	120	238.46
FieldCrop 3	Blackgram(LBG – 791)	5	12.5	85000	51000	25	70
Total				377000	240000		116.21

Brief:The farmer used to get annual income of Rs.111000 from Maize,Blackgram and chickpea.He faced problems like incidence of pest and diseases and lack of nutrient management. With DFI interventions like introduction of improved varieties, application of recommended dose of fertilizer,and timely management of pest and diseases he is getting annual income of Rs.240000.

Adoption of ICM in Maize–MAH- 14-5

Adoption of ICM in Chickpea–Jaki-9281

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Manu R s/o Ramegowda
Address: Kamagere village, Kollegala tq.
Age: 34
Education: PUC
Size of land holding (in acre):2

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Paddy	1	16.5	21500	12000
FieldCrop 1	Sugarcane	1	465	86000	58000
Total				107500	70000

2) Status in 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
FieldCrop 1	Sugarcane	2	1060	255000	175000	128	201.72
Total				**255000**	**175000**		**150**

Brief: The farmer used to get an annual income of Rs.70000 from paddy and sugarcane. He faced problems like incidence of pest and diseases and lack of nutrient management.With DFI interventions like scientific trash management, application of biofertilizers, gypsum and micronutrients in sugarcane there was a significant increase in yield fetching higher income. At present farmer is getting an annual income of Rs.175000.

Sugarcane cultivation with improved practices **Paddy cultivation**

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Palaksha M s/o Madeshanayaka
Address: Homma village,Yelanduru tq.
Age: 30
Education: PUC
Size of land holding (in acre):1.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Banana-Yalakki+Watermelon	1.5	112+ 160 = 272	155000+96000	85000+47000 =132000
Total				251000	132000

2) Status in 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
FieldCrop 1	Sugarcane	0.5	300	82000	57000	>100	>100
Horti.Crop1	Banana-Yalakki+ Watermelon	1	121+120 = 241	242000+ 84000= 326000	157000+50000=207000	-11.4	53.33
Total				**408000**	**264000**		100

Brief:The farmer used to get an annual net income of Rs.132000 from banana and water melon.The yields were low due to panama wilt disease in banana and damage due to sucking insects.With DFI intervention he was able to over come panama wilt problem in banana through integrated disease management practices with the application of trichoderma, pseudomonas, balanced fertilizers along with biofertilizer sand micronutrient resulted in increased net returns. Now the farmer is getting an annual net income of Rs. 264000.

ICM practices in Sugarcane

Bumper yield in Watermelon

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Lingaraju Y S s/o Y N Shivanagappa
Address: Yalakkuru village, Chamarajanagara tq.
Age: 38
Education: PUC
Size of land holding(in acre):2.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	BlackGram	2	4	17000	12000
FieldCrop 2	Horsegram	2	5.5	14000	9000
Total				31000	21000

2) Status in 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
FieldCrop1	BlackGram	2	4	27000	17000	0	41.66
FieldCrop2	Horsegram	2	5.5	18000	10000	0	11.11
Sericulture	Chawkirearing centre	2	4000DFL Chawki worms	100000	300000	>100	>100
Total				145000	327000		1457.14

Brief:The farmer used to get an annual net income of Rs.21000 from Blackgram and Horsegram.The yields were low due to erratic rainfall. With DFI intervention after skill training he setup Chawki rearing center under the technical guidance of KVK Chamarajanagara. Now the farmer is getting an annual net income of Rs. 327000.

Successfully Enterprise -CRC

Mulberry Plantation

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Jeevan Urs s/o Subramanayarajeurs
Address: Hondarabalu village, Kollegala tq.
Age: 31
Education: SSLC
Size of land holding(in acre):2

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q)	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	20	22000	15000
Horti.Crop1	BananaYalakki	1	95	170000	87000
Live stock	Crossbreedcow	4 no.	3300lt.	59000	31000
Total				251000	133000

2) Status in 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
FieldCrop 1	Maize	1	24	27000	19000	20.00	26.67
HortiCrop1	BananaYalakki	1	121	278000	190000	27.37	100
Live stock	Crossbreedcow	4 no.	4700lt.	109000	57000	42.42	83.87
Total				414000	266000		100

Brief:The farmer used to get an annual net income of Rs.133000 from Maize, Banana and Dairy.He faced problems like incidence of fall army worm in maize, Panama wilt in Banana and low milk yield due to imbalanced nutrition in cows. With DFI interventions he was able to manage fall army worm through IPM practices and Panama wilt disease by the application of Bioagents and need based plant protection chemicals and also with proper crop nutrition he could harvest higher banana yield that fetched additional returns. Through suitable and scientific management practices he was able to achieve balanced nutrition and manage diseases like FMD in cross breed cows that helped in obtaining increased milk yield. With all these integrated management practice adopted, now he is getting annual net income of Rs. 266000.

ICM in Banana

Scientific Dairying

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Chandrashekar S s/o Shanthappa
Address: Shindanapura village, Gundlupete tq.
Age: 29
Education: BA
Size of land holding(in acre):5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	3	35	38000	26000
FieldCrop 2	Horsegram	2	4	9000	5000
FieldCrop 3	Sunflower	5	15	30000	14000
Live stock	CrossbreedCow	3 no	3200lt	56000	29000
Total				133000	74000

2) Status in 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
FieldCrop 1	Maize	3	48	53000	35000	37.14	34.62
FieldCrop 2	Horsegram	2	6	19000	13000	50	160
FieldCrop 3	Sunflower	5	20	80000	56000	33.33	180
Live stock	CrossbreedCow	3 no	3800lt	83000	44000	18.75	51.72
Total				235000	148000		100

Brief: The farmer used to get an annual net income of Rs. 74000 from Maize, Horsegram, Sunflower and Dairy.Fall army worm, moisture stress susceptible variety and unhealthy livestock reduced the farm income. With DFI interventions he adopted ICM practices as a result of which the yield of field crops increased and there was additional net returns. Timely vaccination and proper nutrition management fetched increased milk yield giving higher returns. Now he is getting an annual net income of Rs. 148000.

Cross breed Cattle

Healthy Horsegram crop

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Mahesha M s/o Mahadevappa
Address:Komaranapura village,Yelanduru tq.
Age:35
Education:BBM
Size of land holding(in acre):2

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	1	470	80000	50000
FieldCrop 1	Paddy	1	14.5	18000	10500
Total				98000	60500

2) Status in 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
FieldCrop 1	Sugarcane	1	580	156000	106000	23.40	112
FieldCrop 1	Paddy	1	22	40000	26000	51.72	147.62
Total				**196000**	132000		118.18

Brief:The farmer used to get an annual net income of ₹.60500 from Paddy and Sugarcane due to the losses caused by infestation of leaf roller, sheath rot and adoption of low yielding variety in paddy. In Sugarcane the loss in yield was due to root grub infestation and poor growth due to imbalanced fertilizer application. The interventions like cultivation of high yielding paddy variety coupled with INM and IPM practices resulted in enhanced yield giving higher income. By adopting IPM practices like application of neem cake, Metarhizium and balanced NPK fertilizers and micronutrients the sugarcane yield was increased. He faced problems like incidence of pest and diseases and lack of nutrient management. With all these DFI interventions he is getting an annual net income of ₹. 132000 at present.

INM in Sugarcane

ICM in Paddy

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Sayed Sameer s/o Sayed Kaleem
Address:KGundapura village, Hanuru tq.
Age:28
Education:SSLC
Size of land holding(in acre):6

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop1	BananaYalakki	3	260	47000	232500
Horti.Crop2	Turmeric(Local)	2.25	50	305000	185000
Horti.Crop3	Tomato(Hybrid)	0.75	140	84000	50000
Total				859000	467500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	NetIncome (Rs.)	production	income
Horti.Crop1	BananaYalakki	3	342	752000	485000	31.53	79.63
Horti.Crop2	Turmeric(Prathiba)	2.25	75	532000	340000	50	83.78
Horti.Crop3	Tomato(Hybrid)	0.75	200	170000	110000	42.86	120.00
Total				1454000	935000		100

Brief: The farmer used to get an annual net income of ₹.467500 from Banana, Turmeric and Tomato. Due to incidence of panama wilt & Pseudostem weevil and poor nutrient management he suffered losses from Banana cultivation, cultivation of local variety and incidence of stem borer & rhizome rot leads to low income in turmeric,incidence Pinworm, blight disease and imbalanced NPK and micronutrient reduced the farmers income in the tomato. With DFI intervention like application of Trichoderma, pseudomonas, neem cake & application of recommended pesticides reduced incidence of the Pest & disease in crops, application of Banana special, Vegetable special, turmeric booster along with recommended NPK fertilizers and adoption of IISR Prathibha variety he is getting an annual net income of ₹.935000.

ICM in Banana

Adoption of IISR Prathiba Turmeric Variety

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Basavarajappa s/o Lt.Gurumalappa
Address:LakkuruvillageGundlupetetq.
Age:61
Education:Degree
Size of land holding(in acre):12

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Numbe	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop1	Sunflower	3	8	22000	15000
FieldCrop2	Horsegram	3	7.5	17000	11000
Horti.Crop1	Banana(yalakki) +Chilly	3	290+100=390	522000+140000= 662000	390000
Horti.Crop2	Coconut	250no	20000nuts	105000	75000
Sericulture	Mulberry-CBgold	3 acre200 DFLs	8.5	230000	120000
Livestock	Crossbreedcattle	5	19000 lt	340000	170000
Total				1376000	781000

2) Status in 2020

Component Description		Period 2020-21				% increaseover baseyear	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross ıcome (Rs.)	Income(Rs.)	production	income
FieldCrop1	Sunflower	3	11	35000	24000	37.5	60
FieldCrop2	Horsegram	3	9	28000	20000	20	81.82
Horti.Crop 1	Banana(yalakki) + Chilly	3	340+120= 460	748000+ 216000= 964000	480000+ 125000= 605000	17.95	55.13
Horti.Crop	Coconut	250no	27500nuts	210000	145000	37.5	93.33
Horti.Crop	Chrysanthemum	3	50	400000	200000	>100	>100
Sericulture	Mulberry-Bivoltine	3 acre200DFLs	14.4	504000	320000	69.41	166.7
Livestock1	Cross breedcattle	5	22000lt	484000	251000	15.79	47.65
Total				**2625000**	1565000		100

Brief:The farmer used to get anannual net income of Rs. 781000 from Sunflower, Horsegram,Banana, Chilly, Coconut, Mulberry and dairy.He faced problems like incidence of pest and diseases in crops that resulted in yield losses and also milk yield was low in Cattle. With DFI interventions like ICM practices and proper management of cows, he was able to realise increased yield & net returns through adoption of INM, IPDM and balanced nutrition of milch cattle. Now he is getting an annual net income of Rs.1565000.

Mulberry with Chrysanthemum intercrop

Profitable Bivoltine silk

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer: Siddalingaswamy H M s/o H C Marappa
Address:Homma village, Chamarajanagara tq.
Age: 46
Education:PUC
Size of land holding(in acre):2

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Lite/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti.Crop1	Turmeric(Local)	0.5	10	61000	33000
HortiCrop2	Brinjal	0.5	40	20000	10000
HortiCrop3	Coconut	1.5	7700nuts	37000	26000
Total				118000	69000

2) Status in 2020

Component Description		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.Crop1	Turmeric(Prathiba)	0.5	15	106000	68000	50	106.06
HortiCrop2	Brinjal	0.5	44	26000	15000	10	50
HortiCrop3	Coconut	1.5	9800nuts	79000	55000	27.27	111.54
Total				211000	138000		100

Brief: The farmer used to get an annual income of Rs.69000 from Turmeric, Brinjal and Coconut. Due to incidence of shoot and fruit borer, wilt disease in Brinjal, Incidence of Rhizome rot & stem borer and adoption of local variety in turmeric, nut dropping in coconut and indiscriminate use of fertilizers in crops leads to low income. With DFI interventions like adoption of improved high yielding IISR Prathibha turmeric variety. Application of recommended dose of NPK and Micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neem cake and need based recommended plant protection chemicals and helps good quality yield and higher income from crops. With these interventions now farmeris getting an annual net income of Rs. 138000.

Adoption of Improved Turmeric variety IISR Prathibha

ICM in Brinjal

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Nagaraju s/o Puttanna
Address: Kotambally village, Chamarajanagara tq.
Age:49
Education:2nd std.
Size of land holding(in acre):2.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/ No)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	920	185000	103000
Horti Crop1	Coconut+Banana(yalakki)	0.5	2800nuts+ 45	13000+ 68000= 81000	9000+ 45000= 54000
Total				266000	157000

2) Status in 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	Sugarcane	2	1190	321000	212000	29.35	105.82
Horti Crop1	Coconut+Banana(yalakki)	0.5	3500nuts+ 49	30000 + 110000 = 140000	20000 + 82000 = 102000	25 +8.88= 33.8	88.88
Total				461000	314000		100

Brief: The farmer used to get an annual income of Rs.157000 from Sugarcane, Banana and Coconut. Due to incidence of Root grub, early shoot borer, indiscriminate use of fertilizers in Sugarcane, nut dropping in coconut poor management practices in Coconut and incidence of panama wilt, Pseudostem weevil and poor nutrient management in Banana leads to low yield and quality of the produce, resulted in low income. With DFI interventions like Application of recommended dose of NPK and Micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neem cake and need based recommended plant protection chemicals fetched good quality yield and higher income from crops. With these interventions now farmer is getting an annual net income of Rs. 314000.

Adoption of ICM in Banana

ICM in Sugarcane

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Mahadevaprasad M s/o Mariswamy
Address:Goolipura village, Chamarajanagara tq.
Age:34
Education:2nd PUC
Size of land holding(in acre):4.5

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
Field Crop 1	Sugarcane	3.5	1560	312000	176000
Horti Crop1	Coconut+Banana(yalakki)	1	5600nuts+ 85	26000+ 110000= 136000	18000+ 72000= 90000
Total				448000	266000

2) Status in 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
FieldCrop 1	Sugarcane	3.5	2080	562000	348000	33.33	97.72
HortiCrop1	Coconut+Banana(yalakki)	1	6600nuts+ 100	60000 + 220000 = 280000	44000 + 140000= 184000	17.86+17.65=	104.44
Total				522	532000		100

Brief: The farmer used to get an annual income of Rs.266000 from Sugarcane, Banana and Coconut. Due incidence of Root grub, early shoot borer, indiscriminate use of fertilizers in Sugarcane, nut dropping in coconut poor management practices in Coconut and incidence of panama wilt, Pseudostem weevil and poor nutrient management in Banana leads to low yield and quality of the produce, resulted in low income. With DFI interventions like Application of recommended dose of NPK and Micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neem cake and need based recommended plant protection chemicals fetched good quality yield and higher income from crops.With these interventions now farmers is getting an annual net income of Rs. 532000.

Adoption of ICM in Banana

Adoption of ICM in Sugarcane

EffectofDFIintervention **NameofKVK:Chamarajanagara**

Name of farmer:Kumar M s/o Mahadevegowda
Address:Homma village, Chamarajanagara tq.
Age:32
Education:8thstd
Size of land holding(in acre):2

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1	460	92000	55000
HortiCrop 1	Turmeric (Local)	1	23	140000	80000
Total				232000	135000

2) S
Status in 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
FieldCrop1	Sugarcane	1	580	156000	95000	26.09	72.73
HortiCrop1	Turmeric(Prathibha)+Chilly	1	32 + 32= 64	227000 + 50000 =277000	152000 +35000 = 187000	>100	>100
Total				433000	282000		108.89

Brief: The farmer used to get an annual income of Rs.135000 from Sugarcane and Turmeric. Due to incidence of Root grub, early shoot borer, indiscriminate use of fertilizers in Sugarcane, low yield in turmeric due to cultivation of local variety & pest/diseases leading to low income. With DFI interventions like adoption of Improved turmeric variety IISR Prathibha and IPDM practices, application of recommended dose of NPK and micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neem cake and need based recommended plant protection chemicals he was able to realize increased yield and good quality and there by higher income from crops.With these interventions now the farmer is getting an annual net income of Rs. 282000.

Adoption of Improved Turmeric variety IISR Prathibha with Chilly intercrop

ICM in Sugarcane

Name of farmer: Guruswamy s/o Chikkamadegowda
Address: Kotambally village Chamarajanagara tq.
Karnataka
Age: 40
Education: nil
Size of land holding (inacre): 3

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Lit	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	2	900	180000	115000
HortiCrop 1	Turmeric (Local)	1	20	120000	70000
Total				300000	185000

2) S
Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2	1110	300000	200000	23.33	73.91
Horti Crop 1	Turmeric (Prathibha) + Chilly	1	30 + 27= 57	215000 + 45000= 260000	150000 +34000 = 184000	>100	>100
Total				560000	384000		107.57

Brief: The farmer used to get anannual income of Rs.185000 from Sugarcane and soleTurmeric crop. The main problems were incidence of root grub, early shoot borer, indiscriminate use of fertilizers in Sugarcane, low yield in Turmeric due to cultivation of local variety & pest/diseases leading to low income. With DFI interventions like adoption of Improved turmeric variety IISR Prathibha with chilly intercrop and IPDM practices, application of recommended dose of NPK and micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neemcake and need based recommended plant protection chemicals he was able to realize increase dyieldand good quality and there by higher income from crops. With these in terventions now the farmer is getting anannual net income of Rs. 384000.

Adoption of ICM in Sugarcane

Adoption of Improved Turmeric variety IISRP rathibha with Chilly intercrop

Name of farmer: Venkatesh. R s/o Ramachndra
Address: Haradanahalli village, Chamarajanagara taluk
Age: 39
Education: PUC
Size of land holding (inacre): 5.0

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Small Onion	1	90	60000	35000
Hort. Crop 2	Banana	2	150	130000	50000
Hort. Crop 3	Turmeric	1	25	160000	90000
Filed crop 1	Maize	1	35	40000	20000
Total				390000	195000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	SmallOnion	1	120	120000	80000	33	128
Hort. Crop 1	Banana	2	170	300000	180000	13	260
Hort. Crop 2	Turmeric	1	36	255000	170000	44	88
Filed crop 1	Maize	1	45	55000	35000	28	75
Total				730000	465000		138.46

Brief: The farmer used to realize anannual income of Rs.195000 from Banana, Turmeric, Small Onion and Maize. The constraints were low yield because of increased cost of production, more pest and disease in festation. With the DFI intervention, he was able to adopt short duration turmeric variety IISR Pragathi, cultivation of Small Onion by raising nursery (costreduction) & application of biofertilizers, integrated pest and disease management with the use of bio-agents like Trichoderma, Pseudomonas and nutrient management (soil test based application of NPK fertilizers and application of banana special micronutrient formulation) and now he is getting anannual income of Rs. 465000

Practice of ICM in turmeric variety

ICM in yelakki banana

Name of farmer: Mahesh S/O Shivamallapa
Address: Ankanshettypura
Age: 37
Education: PUC
Size of land holding (inacre): 1.33

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horticulture crop 1	Banana	0.5	30	60000	30000
Horticulture crop 2	Turmeric	0.5	13	80000	40000
Plantation crop	Coconut	0.33	3000(No)	30000	15000
Total				170000	85000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre) / No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
Horticulture crop 1	Banana	0.5	45	81000	50000	50	67
Horticulture crop 2	Turmeric	0.5	20	170000	120000	53	200
Plantation crop	Coconut	0.33	5000(No)	60000	40000	66	166
Total				311000	210000		147

Brief:The farmer used to get anannual net income of Rs.85000 from Banana, turmeric, and coconut. He faced problems like low yielding variety, high cost of inputs, more in festation of pest and diseases not following ICM practices. With DFI interventions like improved short duration verities, practices ofI CM he is getting anannual net income of Rs 210000.

Practices short duration and ICM In Turmeric

Inter cropping of turmeric in coconut

Name of farmer: Shivanna s/o Basavashetty Address: Bevinatalpura village Chamarajanagara tq
Age:36
Education: 9th Standard
Size of land holdzing (inacre): 6

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Are a(Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	2	150	180000	80000
Hort. Crop 2	Ginger	1	10	140000	80000
Hort. Crop 3	Chilly	1	20	300000	155000
Hort. Crop 4	Tomato	1	150	90000	50000
Hort. Crops 5	Turmeric	1	20	150000	80000
Total				860000	445000

2) Status in 2020

Component Description		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	180	360000	250000	20	212
Hort. Crop 2	Ginger	1	15	190000	100000	50	25
Hort. Crop 3	Chilly	1	25	375000	250000	25	43
Hort. Crop 4	Tomato	1	200	150000	100000	33	100
Hort. Crops 5	Turmeric	1	25	250000	190000	25	138
				1325000	890000		100

Brief: The farmer used to get anannual net income of Rs.445000 from Banana, Ginger, Chilly, Tomato and Turmeric. The majo rproblems were low yield due to cultivation of local variety and pest & disease in festation. With the DFI intervention, he was able to adopt medium duration improved turmeric variety and integrated pest and disease management practices. As a result now he is getting anannual net income of Rs.890000.

Inter cropping of Chilli with Banana

Use of Mulching sheet to grow Tomato

Name of farmer: Shankar s/o Basavashetty
Address: ByadamudlluvillageChamarajanagaratq
Age: 36
Education: SSLC
Size ofl and holding (inacre): 8

1) Before Intervention

Component Description		Benchmark (Base line period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2	50	60000	35000
Field Crop 2	Sugarcane	2.5	110	230000	150000
Plantation.Crop 1	Coconut	1	6000No.	36000	15000
Hort. Crops 1	Turmeric	1.5	30	180000	100000
Hort. crop 2	Banana	1	65	80000	50000
Total				586000	350000

2) Status in 2020

		Period2020-21				% increase over base year	
Components	Names	Area (Acre) / No	Production (Q/Liter/No.)	GrossIncome (Rs.)	NetIncome (Rs.)	production	income
Field Crop 1	Maize	2	70	90000	60000	40	71
Field Crop 2	Sugarcane	2.5	140	300000	200000	27	33
Plantation. Crop1	Coconut+ foddercrops	1	8000No.+ 500	120000	80000	>100	>100
Hort. Crops1	Turmeric	1.5	45	360000	260000	50	160
Hort. Crop 2	Banana	1	90	180000	120000	38	140
Total				105000	720000		106

Brief: The farmer used to get anannual income of Rs. 350000 from Maize, sugarcane, coconut, turmeric and Banana. He faced problems like weed infestation, panama wilt and pseudo stem weevilinfestation in banana,early shoot borermenace & iron deficiency in sugarcane. With DFI inter ventions he was able to adopt the application of trichoderma & Pseudomonas in banana there by over coming wilt disease and with the application of recommended insecticide he was able to counter Psuedostemweevil. Also he was guided to adopt INM there by achieving balanced crop nutrition that resulted in increased yields in Banana and Sugarcane. Suitable agronomic practices like earthing upatrighttime and application of recommended in secticide helped tomanageearly shootborer in Sugarcane. Now he is getting annual income of Rs.720000

Growing of high yielding turmeric variety-IISR Prathibha

Inter cropping of fodder crops in coconut

Name of farmer: Raju s/oMahadevaswamy
Address: Homma village, Yelandurutaluk
Age:31
Education: PUC
Size of land holding (in acres):3

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop	Sugarcane	2	900	198000	100000
Horticulturecrop	Banana	1	60	72000	30000
Total				270000	130000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop	Sugarcane	2	1300	350000	230000	44	130
Horticulture crop	Banana	1	80	120000	80000	33	166.67
Total				470000	310000		138.4

Brief:The farmer used to get an annual net income of Rs.130000 from Banana and Sugarcane. He faced problems like wilt disease, sigatoka leaf spot in banana and low yield in sugarcane due to improper application of nutrient, high cost for external inputs. With DFI interventions namely application of biocontrol agents like Trichoderma and Pseudomonas, ICM practices in Banana and insitu green manuring practices in sugarcane with soil test based nutrient management, the cost of cultivation reduced. Now he is getting an annual net income of Rs. 310000

Green manure crop along with sugarcane

ICMinBanana

Name of farmer: Jagadesh S/O Chikkamdappa
Address: Hosaplaya, Hanuru
Age: 36
Education: PUC
Size of land holding (inacre):2.5

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre) / Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Filedcrop1	Maize	1	30	35000	20000
Hort.Crop1	Potato	1	40	64000	35000
Hort.Crop2	Garlic	0.5	8	56000	30000
Total				155000	85000

2) Statusin2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Filedcrop1	Maize	1	40	65000	45000	33	125
Hort.Crop1	Potato	1	50	120000	80000	25	129
Hort.Crop2	Garlic	0.5	10	90000	65000	25	117
Total				275000	190000		124

Brief: The farmer used to get an annual net income of Rs.85000 from maize, potato and garlic. He faced problems like high imcidences of pest and disease in potato (especially late blight) and garlic. With DFI interventions like, integrated pest and disease management, weather forecast he is getting annual income of Rs.190000.

Integrated Crop Management in Garlic

Management of diseases through Weather forecast model and ICM practices in potato

Name of farmer: Shivashankarappa A S S/o Shivamallappa A P
Address: Ankanashettypura, Chamarajanagara tq
Age: 42
Education: SSLC
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.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	1	460	86000	58000
Hort.Crop1	Beetroot	1	90	54000	37000
Hort.Crop2	SmallOnion	1	46	92000	53000
Hort.Crop3	Banana (Nendra)	1	90	120000	75000
Total				352000	223000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sugarcane	2	1050	255000	175000	128.3	201.72
Hort.Crop1	Beetroot	1	110	77000	55000	22.22	48.65
Hort.Crop2	SmallOnion	2	130	260000	166000	182.6	213.21
Hort.Crop3	Banana(Nendra)	1	110	230000	110000	22.2	46.6
Total				822000	506000		126.90

Brief: The farmer used to realize an annual income of Rs.223000 from Beetroot, Smallonion and Banana. The constraints were low yield because of increased cost of production, more pest and disease infestation. With the DFI intervention, cultivation of SmallOnion by raising nursery (costreduction) & application of biofertilizers, integrated pest and disease management with the use of bio-agents like Trichoderma, Pseudomonas and nutrient management (soil test based application of NPK fertilizers and application of banana special (micronutrient formulation) and now he is getting an annual income of Rs.506000.

Practice of ICM in Banana

ICM Practice in Redgram

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

Name of farmer: Madhu P S/o Prasad
Address: Harave village, Chamarajanagara tq.
Age:25
Education: SSLC
Size of land holding (in acre):4.5

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fieldcrop1	Sugarcane	1	400	75000	35000
Hort Crop1	Bittergourd	1	22	40000	26000
Hort Crop2	Turmeric(Local)	2	46	280000	149500
				395000	210500

2) Statusin2020

Component Description		Period2020-21				%increaseoverbaseyear	
Components	Names	Area(Acre)/No	Production(Q/Liter/No.)	GrossIncome(Rs.)	Net Income(	production	income
Fieldcrop1	Sugarcane	1	550	95000	55000	37.50	57.14
Hort Crop1	Banana(Yellaki)	1.5	140	252000	162000	>100	>100
Hort Crop2	Turmeric (Prathiba)	1	35	250000	170000	-23.9	13.7
Hort Crop3	Bittergourd	1	26	52000	34000	18.18	30.77
Total				649000	421000		100

Brief:The farmer used to get an annual net income of Rs.210500 from Sugarcane, Turmeric and Bittergourd. He faced problems like low yield, erratic rainfall, more pest and disease infestation. With the DFI interventions he could adopt highyielding, medium duration, improved varieties, integrated pest and disease management and weather based crop management. Now he is getting annual income of Rs.421000.

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

Name of farmer: Bhagyaw/oM.Chandrashekar

Address: Basappanadhoddi village, ,Hanur taluk
Age: 35
Education: SSLC
Size of land holding (in acre):5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	2	930	172000	116000
Hort.Crop1	Banana(Yalakki)	1	80	150000	80000
Hort.Crop2	Arecanut	1	22	90000	60000
Livestock1	Crossbreed cow	2	2800lt	50,000	22,000
Total				462000	278000

2) Status in 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
FieldCrop 1	Sugarcane	2	1060	255000	175000	13.98	50.86
Hort.Crop1	Banana(Yalakki)	1	110	275000	210000	37.50	102.50
Hort.Crop2	Arecanut	1	30	230000	150000	36.36	150.00
Livestock1	Crossbreed cow	2	3400lt	78,000	35000	21.42	59.09
Total				838000	570000		105.04

Briefinfo.: The farm woman used to get annual income of Rs. 278000/-from Sugarcane, Banana,Arecanut and Dairy. She was not aware of improved technologies in Banana and Sugarcane and ICM practices. With DFI interventions through ICM practices like INM, IPDM, improved fodder varieties she is now getting an annual net income of Rs. 570000/-

ICM in Sugarcane

Practice of ICM in Banana

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

Name of farmer: Mahesha J S s/o Siddappa
Address: Jannur village, Chamarajanagara taluk
Age:38
Education: Graduate
Size of land holding (in acre): 7

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop1	Sugarcane	1	450	85000	55000
Hort.Crop1	Banana (Yalakki)	2	190	260000	148500
Hort.Crop2	Turmeric	1	27	165000	100000
Plantation.Crop1	Coconut	45 tree	5500no	45000	20000
Total				555000	323500

2) Statusin2020

Component Description		Period 2020-21				% increase over baseyear	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Sugarcane	1	530	143000	85000	17.77	54.55
Hort.Crop1	Banana(Yalakki)	2	230	500000	335000	21.05	103.03
Hort.Crop2	Turmeric	1	36	255000	165000	33.33	65.00
Plantation.Crop1	Coconut	45 tree	7200no	81000	62000	30.91	210
Total				979000	647000		100

Brief: The farmer used to get an annual income of Rs.323500 from Sugarcane, Banana, Turmeric and coconut. The major problems were low yield due to cultivation of local variety and pest & disease infestation. With the DFI intervention, he was able to adopt medium duration improved turmeric variety and integrated pest and disease management practices and was able to manage panama wilt in banana, rhizome rot in turmeric and shoot borer in sugarcane thereby harvesting increased yield resulting in higher net profit. As a result now he is getting an annual income of Rs.647000.

ICM in Sugarcane

ICM in Banana

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

Name of farmer: Nagaraju S/o Rajegowda

Address:Sanegala village, Chamarajanagara taluk
Age:68
Education:5th Standard
Size of land holding (in acre):3.00

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Fieldcrop1	Maize	1	12	12000	9000
Hort.Crop1	Turmeric	1	29	177000	110000
Livestock1	Dairy	2	2,600lt	40,000	21,000
Total				229000	140000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Fieldcrop1	Maize	1	24	27000	18000	100	100
Hort.Crop1	Turmeric + Chilly	1	36 + 30= 66	256000+ 54000= 310000	170000+ 42000= 212000	>100	>100
Livestock1	Dairy	2	3,500lt	72,000	50,000	34.61	127.27
Total				409000	280000		100

Brief: The farmer used to get annual income of Rs.140000 from Maize, Turmeric and Livestock. He was not aware about improved technologies in turmeric, maize and dairy farming. With DFI interventions he could adopt improved turmeric variety, INM and IPDM practices and scientific dairying. Now he is getting an annual net income of Rs.280000.

ICM in Maize

ICM in Turmeric

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

Name of farmer:Sampigeraje URS s/o Mallerajeurs
Address:Kunthuruvillage,Chamarajanagara tq
Age:54
Education:5thS tandard
Size of land holding(in acre):SSLC

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	16	18500	8500
FieldCrop 2	Sugarcane	1	470	86000	58000
Hortcrop1	Banana(Yalakki)	1	80	112000	60000
Sericulture	CBGold	1 acre	5 batch=5.00q cocoon	103000	54000
Total				319500	180500

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1	28	35000	25000	75.00	194.12
FieldCrop 2	Sugarcane	1	580	157000	100000	23.40	72.41
Hortcrop1	Banana(Yalakki)	1	105	231000	155000	31.25	158.33
Sericulture	Bivoltine	1 acre	6 batch=8.00q	250000	100000	60	85.18
Total				673000	380000		110.53

Brief: The farmer used to annual income of Rs180500 from Maize, Sugarcane, Banana and Bivoltine. He faced problems like low yield, erratic rainfall, more pest and disease infestations. With the DFI interventions he could adopt integrated pest and disease management and weather based crop management and growing of Bivoltine crop instead of CB gold. At present he is getting annual income of Rs.380000

Practices of ICM in Sugarcane

ICM in Sericulture

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

Name of farmer:GS Siddarajus/oLate S Srinivasaiah
Address:Muntipura village, Gundlupetetaluk
Age:63
Education: M.sc.
Size of land holding (in acre):4

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop 1	Maize	1	25	27500	19500
FieldCrop 2	Sugarcane	1	400	70000	40000
Livestock1	Dairy	2	3000lt	50000	35000
Total				147500	94500

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Sugarcane	2	900	255000	175000	12.5	337.5
Hort Crop1	Turmeric+ Redgram	1	37 + 6= 43	260000+28000 = 288000	195000	>100	>100
Total				543000	370000		291.53

Brief: The farmer used to get annual income of Rs94500 from Maize, Sugarcane, Dairy. He faced problems like low yield, more pest and disease infestations. With the DFI interventions he could adopt integrated pest and disease management and weather based crop management and introduction of crops like Turmeric and Redgram. At present he is getting annual income of Rs370000.

Intercrop of Turmeric and Redgram

New coconut plantation

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

Name of farmer:Shivamallus/oMadappa
Address:Melaipura village Chamarajanagaratq.
Age:40
Education:SSLC
Size of land holding (in acre):6

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)
HortiCrop1	Turmeric(Local) + Chilly	2	43+ 140= 183	262000+185000=447000	244500
HortiCrop2	Banana– Yalakki	2	165	280000	180000
HortiCrop3	Tomato(Hybrid)	2	190	114000	68000
Total				885000	492500

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
HortiCrop1	Turmeric (Prathibha)+ Chilly	2	64 +160 = 224	448000+ 320000= 768000	305000+ 200000= 505000	22.40	80.36
HortiCrop2	Banana-Yalakki	2	224	490000	330000	35.8	83.33
HortiCrop3	Tomato(Hybrid)	2	270	230000	150000	42.10	120.58
Total				1488000	985000		100

Brief: The farmer used to get annual income of Rs.492500 from Turmeric, Banana, chilly and Tomato was facing problems like panama wilt disease & Pseudostem weevil in banana, growing local turmeric variety which was susceptible to rhizome rot and was infested with stemborer. In Blight and pinworm & sucking pest infestation was more. With DFI interventions he was able to manage with the application of balanced crop nutrients, application of Trichoderma, Pseudomonas, neemcake and recommended fungicide. With the adoption of ICM in banana with INM and IPDM, he was able to realize higher bunch yield with reduced pest & disease incidence. He started cultivating IISR Prathibha turmeric variety which yielded higher than local variety and chilly as intercrop and fetched additional profit. With all these interventions, at present he is getting an annual net income Rs.985000.

Adoption of ICM in Banana

ICM in Tomato

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

Name of farmer:Ravikumars/oSiddaiah
Address:YK Mole village
Age: 58
Education:10TH 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.)	GrossIncome (Rs.)	Net Income (Rs.)
FieldCrop 1	Ragi	1	10	30000	18000
FieldCrop 2	Paddy	1	18	24000	14000
FieldCrop 3	Sugarcane	1	550	120000	69500
FieldCrop 4	Greengram	2	5	28000	18000
Livestock	Crossbreed cow	2	2000lt	36000	18000
Total				238000	137500

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	income
FieldCrop 1	Ragi	1	14	32000	25000	40.00	38.89
FieldCrop 2	Paddy	1	26	45500	30000	44.44	114.29
FieldCrop 3	Sugarcane	1	750	202500	140000	36.36	79.49
FieldCrop 4	Greengram	2	7	56000	38000	40.00	111.11
Livestock	Crossbreed cow	3	3700lt	82000	42000	85.00	133.33
Total				396000	275000		100

Brief: The farmer used to get annual income of Rs.137500 from Ragi, Paddy, Sugarcane, Greengram and Dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated crop management, diversified farming, dairy, mechanization and training he is getting annual income of Rs.275000

Introduction of improved paddy variety– RNR 15048 and ICM practices

Introduction of improved Ragi variety KMR-630 and ICM

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

Name of farmer:Lokeshs/olt.Nanjaiah
Address:YKMolevillage
Age: 40
Education:10TH std
Size of land holding (in acre):4

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop 1	Ragi	2	20	60000	36000
FieldCrop 2	Paddy	2	36	48000	28000
FieldCrop 3	Sugarcane	1	550	120000	66000
FieldCrop 4	Greengram	4	10	56000	36000
Livestock	Crossbreed cow	2	2000lt	36000	18000
Total				320000	184000

2) Statusin2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	Production	income
FieldCrop 1	Ragi	2	28	64000	50000	40.00	38.89
FieldCrop 2	Paddy	2	52	91000	60000	44.44	114.29
FieldCrop 3	Sugarcane	1	750	202500	140000	36.36	112.1
FieldCrop 4	Greengram	4	14	112000	76000	40.00	111.11
Livestock	Crossbreed cow	3	3700lt	82000	42000	85.00	133.33
Total				529500	368000		100

Brief: The farmer used to get annual income of Rs.184000 from Ragi, Paddy, Sugarcane, Greengram and Dairy. He faced problems like incidence of pest and diseases and lack of knowledge on improved varieties, integrated crop management and crop diversification. With DFI interventions like introduction of improved varieties, integrated crop management, diversified farming, dairy, mechanization and training he is getting annual income of Rs.368000

Introduction of improved paddy variety – RNR15048 and ICM practices

Introduction of improved Ragi variety KMR-630 and ICM practices

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

Name of farmer:KS Shivamalappa s/oSubbappa
Address:Kothalavadivillage
Age:58
Education:SSLC
Size of land holding (in acre):25

1) BeforeIntervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q.)	GrossIncome(Rs.)	Net Income(Rs.)
FieldCrop 1	Ragi	4	28	84000	50000
FieldCrop 2	Jowar	4	28	28000	18000
FieldCrop 3	HorseGram	8	22	50000	36000
Horti.Crop1	Turmeric(local)	6	150	915000	460000
Horti.Crop1	Banana(Yelakki)	5	480	720000	415000
Livestock	Crossbreedcow	3 no.	3100lt	55000	28000
Total				1852000	1042000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Ragi– KMR630	4	52	120000	84000	85.71	68
FieldCrop 2	Jowar	4	34	37000	26000	21.42	44.44
FieldCrop 3	HorseGram	8	28	87000	62000	27.27	72.22
Horti.Crop1	Turmeric (Prathiba)	6	198	1406000	950000	32	97.92
Horti.Crop2	Banana (Yelakki)	5	630	1390000	850000	31.25	97.67
Livestock	Cross breed cow	3 no.	3500lt	77000	42000	12.90	50
Total				3117000	2014000		100

Brief: The farmer used to get annual income of Rs.1042000 from Ragi, Jowar, Horsegram, Turmeric, Banana and Dairy. He faced problems like incidence of pest and diseases, lack of knowledge on integrated crop management and improved varieties. With DFI interventions like introduction of improved varieties, supplementary irrigation, ICM practices, and training he is getting annual income of Rs. 2014000.

Adoption of improved varietyPrathiba

Adoption of ICM in Horsegram

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

Name of farmer:Kumars/oMahadevappa
Address:Hodayarapalayavillage
Age:41
Education:PUC
Size of land holding (in acre): owned-3, leased-5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	GrossIncome(Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	25	27000	17000
Hort.Crop1	Garlic	2	32	210000	125000
Hort.Crop2	Turmeric	3	84	530000	300000
Hort.Crop3	Potato	2	160	190000	124000
Total				957000	566000

2) Statusin2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	1	34	51000	36000	36.00	111.76
Hort.Crop1	Garlic	2	40	480000	350000	25.00	180
Hort.Crop2	Turmeric	3	120	900000	540000	42.86	80
Hort.Crop3	Potato	2	200	360000	230000	25	85.48
Total				1791000	1156000		104.24

Brief: The farmer used to get annual income of Rs.566000 from Maize, turmeric, garlic and potato. He was lacking information on suitable, medium duration high yielding variety and ICM practices. With DFI interventions like improved varities and adoption of ICM he is getting annual income of Rs. 1156000.

Adoption of Improved Himalini potato variety with ICM practices

Adoption of Improved IISR Prathiba turmeric variety with ICM practices

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

Name of farmer: Kirthan C N s/o Nanjappa
Address: Chamalapura village, Chamarajanagara tq.
Age:28
Education: MBA
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.)
FieldCrop 1	Sugarcane	3	1380	276000	158000
FieldCrop 2	Paddy	0.5	7	9000	5500
Horti.Crop1	Coconut	3.5	13800nuts	67000	48500
Total				352000	212000

2) Status in 2020

Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
FieldCrop 1	Sugarcane	3	1650	445000	285000	19.56	67.65
FieldCrop 2	Paddy	0.5	10	15000	9000	42.86	63.63
Horti.Crop1	Coconut	3.5	17600nuts	160000	130000	27.54	168.04
Total				602000	424000		100

Brief: The farmer used to get annual income of Rs. 212000 Paddy, Sugarcane and Coconut. Improper spacing, rootgrub and imbalanced nutrient management caused low yield of Sugarcane. In Paddy the problem of leaf roller coupled with cultivation of local variety resulted in reduced yield. Poor maintenance resulted in low yield of Coconut. With DFI interventions, the farmer was able to adopt improved paddy variety Gangavathi Sona, INM and IPDM measures and realize higher yield. He adopted wider row spacing, scientific thrash management, application of neem cake & bio-agent Metarhizium and balanced chemical fertilizers and was able to obtain higher Sugarcane yield. The good agricultural practices like phytosanitation, application of neem based formulations, micronutrients and recommended NPK fetched higher coconut yield. With the adoption of all these technologies he is getting annual net income of Rs.424000.

ICM in Sugarcane

Well maintained Coconut

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

Name of farmer:B A Shakarappa
Address:Bandalli
Age:50
Education:B.Sc(CBZ)
Size of land holding (in acre):6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
FieldCrop1	Cowpea	1	2.0	7,500	2,500
Hort.Crop1	Turmeric	1	25	1,62,000	65,000
Hort.Crop2	Tomato	1	28	28,500	10,500
Hort.Crop3	Banana	2	160	1,60,000	50,000
Livestock1	Cow	4	5000	60,000	28,000
Total				96000	156000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Cowpea	1	3.8	13,200	8500	90.00	240.00
Hort.Crop1	Turmeric	1	30	2,50,000	1,50,000	20.00	130.76
Hort.Crop2	Tomato	1	35	37,000	22,000	25.00	109.52
Hort.Crop3	Banana	2	200	2,20,000	1,00,000	25	257.14
Livestock1	Cow	4	6,400	1,40,000	72,000	28.00	157.14
Total				50,200	352500		125.96

Brief: The farmer used to get annual income of Rs.1042000 from Ragi, Jowar, Horsegram, Turmeric, Banana and Dairy. He faced problems like incidence of pest and diseases, lack of knowledge on integrated crop management and improved varieties. With DFI interventions like introduction of improved varieties, supplementary irrigation, ICM practices, and training he is getting annual income of Rs. 2014000.

Practice of ICM in Turmeric crop

Practice of ICM in Banana crop

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

Name of farmer: Manjunatha G T s/oThimmegowda V
Address: Gumballi village Yelandurutq.
Age: 44
Education:B.A.
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.)
FieldCrop 1	Ragi	1	7	21000	12000
FieldCrop 2	Sugarcane	5.5	2200	440000	190000
Horticrop1	Banana(G9)	2	600	300000	195000
Horticrop2	Coconut	110trees	49.5	64000	44000
Total				825000	441000

2) Statusin2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
FieldCrop 1	Ragi	1	14	33000	22000	100	83.33
FieldCrop 2	Sugarcane	5.5	2970	800000	440000	35	121.05
Horticrop1	Banana(G9)	2	760	450000	300000	26.66	33.33
Horticrop2	Coconut	110trees	84	160000	120000	69.69	172.72
Total				**1443000**	**882000**		100

Brief: The farmer used to get an annual income of Rs.441000 from Ragi, Sugarcane, Banana and Coconut. The main problems were growing local ragi variety, early shoot borer and poor growth in Sugarcane, Sigatoka leafspot in Banana and Ganoderma & nut dropping in Coconut. With DFI interventions, he was able to adopt short duration and improved ragi variety with high yield, able to manage early shoot borer through suitable agronomic practices, able to manage sigatoka leaf spot in Banana by adopting phytosanitation and suitable chemical spray with banana micronutrient formulation application and successfully managed Ganoderma & nut dropping in Coconut through adoption of recommendations like application of Trichoderma & Pseudomonas, suitable chemical and application of recommended NPK plus micronutrients like zinc & boron. Now he is getting an annual income of Rs. 882000.

Healthy Sugarcane crop

Successful Banana crop

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

Name of farmer: Mahesh
Address: Hogarupura, Chandakavadi
Age: 39
Education: Diploma in painting
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.)	GrossIncome (Rs.)	Net Income(Rs.)
FieldCrop 1	Maize	1	25	27500	19500
FieldCrop 2	Sugarcane	1	500	90000	54000
Horti.Crop1	Banana	1	60	60000	30000
Total				222500	103500

2) Status in 2020

Component Description		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	Maize	1	32	35000	26000	28	33.33
Field Crop 2	Sugarcane	1	700	190000	120000	40	122.22
Horti. Crop1	Banana	1	85	170000	110000	41.66	266.67
Total				395000	256000		147.34

Brief: The farmer used to annual income of Rs. 103500 from Maize, Sugarcane and Banana. He faced problems like weed problem, low water availability, low yield, more pest and disease infestations. With the DFI interventions like wide row space with drip irrigation, integrated pest and disease management and weather based crop management, he is getting annual income of Rs. 256000

Drip irrigation in Sugarcane

ICM in Banan

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

Name of farmer:Palaniswamy A s/o Armugam
Address:Ambikapura village Hanuru tq.
Age:29
Education:SSLC
Size of land holding (in acre):3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Paddy	1	15.5	21000	12000
FieldCrop 2	Fieldbean	0.5	1.2	4800	3000
HortiCrop1	Turmeric (local)	1.5	31	180000	100000
HortiCrop2	Chilly	0.5	130	180000	90000
Total				385800	205000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Paddy	1	22	37000	25000	41.93	108.33
HortiCrop1	Cauliflower	0.5	130	104000	70000	>100	>100
HortiCrop2	Turmeric (IISR Prathibha)	1.5	43	305000	185000	38.70	85
HortiCrop3	Chilly	0.5	152	228000	130000	16.92	44.44
Total				**674000**	**410000**		100

Brief: The farmer used to get annual income of Rs.205000 from Paddy, Fieldbean, Turmeric and Chilly. Major problems were low yield in paddy due to cultivation of local variety, poor nutrient management and insect pest damage, low yield in turmeric and in Chilly poor nutrient management resulted in increased disease incidence. With DFI intervention she was able to cultivate improved, high yielding Paddy variety with good nutrient management and obtain higher yield. Also he took up Cauliflower and realized a higher profit. He was able to cultivate high yielding turmeric variety IISR Prathiba thereby obtained higher yield and higher net profit. In Chilly he could get higher yield and profit with reduced Anthracnose damage as a result of application of soil test base fertilizers & micronutrient formulation Arka Vegetable Special. Now he is getting an net annual income of Rs.410000.

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Adoption of ICM in Turmeric **ICM in Paddy**

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

Name of farmer:Shivakumar S s/o Sengondan
Address:Lokanahalli village Hanuru tq.
Age:40
Education:BA
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.)
FieldCrop 1	Maize	3.5	50	55000	35000
HortiCrop1	Bush Beans	3.5	165	280000	170000
Total				335000	205000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Maize	3.5	85	94000	62000	70.00	77.14
HortiCrop1	Bush Beans	3.5	210	504000	355000	27.27	108.82
Total				**598000**	**417000**		103.41

Brief: The farmer used to get annual income of Rs.205000 from Maize and Bush beans. He faced problems like incidence of pest and diseases and lack of nutrient management. With DFI interventions like integrated pest and disease management and application of recommended dose of fertilizers and micronutrient mixtures he is getting annual income of Rs. 417000

Application of Vegetable special
In Bush beans field

IPDM in Maize

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

Name of farmer:Rudresh Haveri s/o Pakkeerappa Haveri
Address:Gundlupete village Gundlupete tq.
Age:38
Education:Graduate
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.)
Horti.Crop1	Banana– G9	1.5	580	290000	176000
Horti.Crop2	Turmeric (local)	1.5	34.5	210000	142000
Total				516000	318000

2) Status in 2020

Component Description		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.Crop1	Banana– G9	1.5	720	432000	294000	24.14	67
Horti.Crop2	Turmeric (Prathiba)+ Smallonion	1.5	48 +80= 128	340000+ 160000= 500000	242000+ 100000= 342000	>100	>100
Total				**932000**	**636000**		100

Brief: The farmer used to get annual income of Rs.318000 from Banana and Turmeric. He faced problems like incidence of Sigotaka leaf spot and Pseudostem weevil in banana and rhizomerot/leafspot/blight disease in turmeric. With DFI interventions he was able to manage insect, pest and diseases in banana through selection of good planting material, phytosanitation and need based application of pesticides with INM. In turmeric through the cultivation of high yielding variety IISR Prathiba with the application trichoderma, pseudomonas, balanced fertilizers, foliar micronutrients and need based pesticides he could realize additional yield and increased profit. Now he is getting anannual net income of Rs. 636000.

Adoption of ICM in Banana

Adoption of improved Prathiba turmeric variety and CM practices

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

Name of farmer:Shivakumar K M s/o Mahadevaiah
Address:Gundlupete town Gundlupete tq.
Age:37
Education:BA
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.)
Horti.Crop1	Tomato	1	250	150000	75000
Horti.Crop2	Cabbage	1	220	154000	95000
Horti.Crop3	Capsicum(Poly house)	0.5	120	264000	137000
Total				568000	307000

2) Status in 2020

Component Description		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.Crop1	Tomato	1	293	293000	185000	17.20	78.67
Horti.Crop2	Cabbage	1	290	261000	170000	31.81	78.94
Horti.Crop3	Capsicum (Polyhouse)	0.5	150	400000	260000	25.00	76.87
Total				954000	615000		100

Brief: The farmer used to get an annual net income of Rs.307000 from tomato, cabbage and capsicum. The major problems were sucking insects/blight disease in tomato, anthracnose in capsicum and cabbage head borer. With DFI interventions he was able to manage the insect-pests & diseases through the adoption of IPDM practices like use of botanicals mainly neem oil and neemsoap, stickytraps, suitable & timely application of need based pesticides, balanced fertilizer application with the foliar application of micronutrients(vegetablespecial) from which he was able to harvest good yield with increased net returns. Now he is getting an annual net income of Rs.615000.

Healthy Cabbage field

Polyhouse cultivation

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

Name of farmer:Vishwas C s/o Chinnaswamy H M
Address:Hebbasuru village Chamarajanagara tq.
Age:39
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.)	GrossIncome(Rs.)	Net Income(Rs.)
Horti.Crop1	Banana-Nendran	3	280	476000	300000
Horti.Crop2	Coconut	600no.	48000nuts	234000	175000
Horti.Crop3	Arecanut	5	110	550000	315500
Horti.Crop4	Turmeric(local)	2	45	275000	181000
Total				1535000	971500

2) Status in 2020

Component Description		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.Crop1	Banana-Nendran	3	354	778000	545000	26.43	81.67
Horti.Crop2	Coconut	600no.	58200nuts	448000	340000	21.25	94.29
Horti.Crop3	Arecanut	5	132.5	795000	600000	20.45	68.067
Horti.Crop4	Turmeric (Prathibha)+ Chilly	2	64 +160 = 224	448000+ 256000= 704000	305000+ 153000= 458000	>100	>100
Total				2725000	1943000		100

Brief: The farmer used to get annual income of Rs. 971500 from Banana, Coconut, Arecanut and Turmeric. The major problems were low yields due to the Pseudostem weevil menace in banana, nut dropping in coconut & Arecanut and rhizomerot & stemborer in turmeric. With DFI interventions, the farmer was able to manage the Pseudostem weevil menace in banana through phytosanitation and application of neemcake & recommended insecticide. Through proper nutrient management, the problem of nut dropping in coconut & Arecanut was resolved the reobtaining increased nut yield. By adoption of improved variety IISR Prathibha, application of Trichoderma & Pseudomonas procured from KVK and application of recommended

Fungicide & insecticide, he was able to manage rhizomerot and stem borer in Turmeric. With all these solutions, the farmer is getting an annual net income of Rs.1943000.

Improved Turmeric cultivation

Coconut & Arecanut plantation

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

Name of farmer: Nagesh s/o Basavashetty
Address:Byadamudlu village Chamarajanagaratq.
Age:37
Education:SSLC
Size of land holding (in acre):3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
HortiCrop1	Coconut	30 trees	3700nuts	18000	14000
HortiCrop2	Banana (Nendran)	1	105	168000	109000
HortiCrop3	Turmeric (local)+SmallOnion	2.5	56+ 100=156	340000+200000 =	230000+105000 =335000
Total				726000	458000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
HortiCrop1	Coconut	30 trees	4500 nuts	35000	26000	21.62	85.71
HortiCrop2	Banana (Nendran)	1	126	260000	190000	20.00	74.31
HortiCrop3	Turmeric (Prathibha)+ SmallOnion+ Chilly	2.5	85+ 100+40 = 225	603000 200000+ 80000= 883000	700000	>100	>100
Total				**1178000**	**916000**		100

Brief:The farmer used to get annual income of Rs.458000 and was facing problems like nutdropping, ganoderma wilt disease in coconut, panama wilt disease & Pseudostem weevil in banana, growing local turmeric variety which was susceptible to rhizome rot and was infested with stemborer. In Small Onion twister disease was more. With DFI interventions he was able to manage coconut nut dropping & ganoderma wilt with the application of balanced crop nutrients, application of neemcake and recommended fungicide. With the adoption of ICM in banana with INM and IPDM, he was able to realize higher bunch yield with reduced pest & disease incidence. He started cultivating IISR Prathibha turmeric variety which yielded higher than local variety and chilly as intercrop and fetched additional profit.With all these interventions, at present he is getting an annual net income Rs.916000.

ICM inTurmeric

Good bananacrop

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

Name of farmer:DharmeshV s/o Veerappa
Address:LinganapuraVillage,Chamarajanagara taluk
Age:39
Education:MA, B,ed
Size of land holding (in acre):4

1) Before Intervention

Component Description		Bench mark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	GrossIncome(Rs.)	Net Income(Rs.)
FieldCrop 1	Horsegram	2	4.5	10000	7000
FieldCrop 2	Maize	2	30	33000	21000
Hort.Crop1	Turmeric(Local)	2	21	128000	74000
Livestock1	Dairy	2 No.	2800lt	50000	22000
Total				221000	124000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	GrossIncome (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Horsegram	2	6	19000	15000	33.33	114.28
FieldCrop 2	Maize	2	47	52000	36000	56.66	71.43
Hort.Crop 1	Turmeric(Prathibha)	2	34	242000	155000	61.90	93.75
Livestock1	Dairy	2 No.	3600lt	79200	42000	28.57	77.27
Total				384000	248000		100

Brief: The farmer used to get an annual net income of Rs.124000 from Horsegram, Maize, Turmeric and dairy.Due to infestation of fall army worm in maize, incidence of stemborer, rhizome rot and cultivation of local variety in Turmeric resulted in low income. With the DFI interventions like adoption improved high yielding IISR Prathibha variety along with INM & IPM and Bio-agents inTurmeric cultivation he was able to realize increased yield and returns in Turmeric. By adopting IPDM and balanced cropnutrition in Maize resulted in increased yield and income. With these interventions now he is getting an annual net income of Rs. 248000.

ICMinTurmeric

ICMInMaize

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

Name of farmer:H.M.Shivakumar s/o DMahadevaiah
Address:Hommavillage,Chamarajanagara tq.
Age:45
Education:PUC
Size of land holding (in acre):4

1) Before Intervention

Component Description		Bench mark (Base line period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	3	1380	276000	158500
Horti.Crop1	Arecanut+Banana -Nendran	1	10 + 76=86	250000+106000= 356000	200000+ 69000= 269000
Total				632000	427500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Sugarcane	3	1620	437000	280000	17.39	64.70
Horti.Crop1	Arecanut+Banana -Nendran	1	15 + 94=107	600000 + 197000 = 717000	450000+ 125000 =575000	24.42	113.75
Total				1154000	855000		100

Brief: The farmer used to get an annual income of Rs. 427500 from Sugarcane, Arecanut and Banana. He faced problems like incidence of early shoot bore and poor nutrient management in Sugarcane, nut spitting and nut dropping in Arecanut due to improper nutrient management. Incidence of Psedostem weevil and sigotoka in Banana leads to low yield and income. With DFI interventions like application of recommended dose of NPK and Micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neemcake and needbased recommended plantprotection chemicals helps good quality yield and higher income in Sugarcane, Arecanut and Banana crops. With these interventions now farmers is getting an annual net income of Rs.855000

Adoption of ICM in Sugarcane

Banana as intercrop in Arecanut

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

Name of farmer: Mahadevaswamy s/o Lt.Chikkadasegowda
Address: Rechambally village,Chamarajanagara tq.
Age:34
Education:7th
Size of land holding (in acre):2

1) Before Intervention

Component Description		Bench mark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Chickpea	1	3	9700	6800
FieldCrop 2	Blackgram	1	2.1	8800	6200
Horti.Crop1	Banana-Nendran	0.5	42	58000	32000
HortiCrop2	Turmeric(local)	0.5	10	61000	38000
Total				137500	83000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Chickpea	1	5	24000	17000	66.66	150
FieldCrop 2	Blackgram	1	2.5	17000	11000	19.05	77.42
Horti.Crop1	Banana-Nendran	0.5	50	110000	70000	19.05	89.19
HortiCrop2	Turmeric (Prathiba)	0.5	15	106000	68000	50	78.95
Total				257000	166000		100

Brief:The farmer used to get an annual net income of Rs.83000 from Chickpea, Blackgram, Banana andTurmeric. Due to use of local variety in Chickpea and blackgram which were susceptible to diseases and low yielding. Incidence of panama wilt & Pseudostem weevil in Banana, cultivation of local variety and incidence of stemborer & rhizome rot in Turmeric and imbalanced application of NPK and micronutrient in crops reduced the overall farmers income. With DFI intervention like adoption of improved varieties in Blackgram(LBG–791),Chickpea(BGD–103) & IISRPrathibha inTurmeric and application of Trichoderma, Pseudomonas, neemcake & recommended pesticides reduced incidence of the Pest & disease in crops, application of Banana special,Turmeric booster along with recommended dose NPK fertilizers and Nipping and foliar spray of 2% DAP in Chickpea. He is getting an annual net incomeof Rs.166000.

Adoption of Improved Turmeric variety IISRPrathibha

ICM in Banana

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

Name of farmer: Maheshs/oKCMahadevappa
Address:HommavillageChamarajanagaratq.
Age:47
Education:BA
Size of land holding (in acre):7.5

1) Before Intervention

Component Description		Bench mark (Baselineperiod2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Sugarcane	4	1680	330000	196000
HortiCrop1	Banana– Nendran	2	185	300000	200000
HortiCrop2	Coconut	70 trees	7700nuts	40000	31000
Total				754000	427000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop1	Sugarcane	4	2160	580000	390000	28.57	77.27
HortiCrop1	Banana– Nendran	2	250	550000	400000	35.14	100
HortiCrop2	Coconut	70 trees	9800nuts	94000	65000	25.7	109.68
Total				1224000	855000		100

Brief:The farmer used to get an annual income of Rs.427000 from Sugarcane,Banana and Coconut.Due incidence of Rootgrub, early shoot borer, indiscriminate use of fertilizers in Sugarcane, nutdropping in coconut, poor management practices in Coconut and incidence of panamawilt, Pseudostem weevil and poor nutrient management in Banana leading to low yield and quality of the produce,resulted in low income.With DF Iinterventions like application of recommended dose of NPK and micronutrients as per crop schedule, application of Trichoderma and Pseudomonas, neemcake and need based recommended plant protection chemicals fetched good quality yield and higher income from crops.With these interventions now farmer is getting an annual net income of Rs. 855000.

Adoption of ICM in Sugarcane

Adoption of INM in Coconut

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

Name of farmer: RajeshS/o Nanjaiah.
Address: Kunthuru village, Chamarajanagaratqr:
Age:42
Education: SSLC
Size of land holding (in acre):8.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q)	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	2	930	172000	116000
Hort.Crop1	Beetroot	1	50	30000	20000
Hort.Crop2	SmallOnion	2	94	180000	90000
Hort.Crop3	Banana (Yalakki)	3	270	441000	255000
Total		6		823000	481000

2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area(Acre) /Number	Production(Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Sugarcane	2	1120	302000	211000	20.43	81.9
Hort.Crop1	Beetroot	1	90	126000	75000	80.00	275.00
Hort.Crop2	SmallOnion	2	115	230000	135000	22.34	50
Hort.Crop3	Banana(Yalakki)	3	379	833000	541000	40.37	89.16
Total		8		1368000	962000		100

Brief: The farmer used to realize an annual income of ₹.481000 from Sugarcane, Beetroot, Small onion, Banana. The constraints were low yield because of increased cost of production, more pest and disease infestation.With the DFI intervention, cultivation of Small Onion by raising nursery (costreduction) & application of biofertilizers, integrated pest and disease management with the use of bio-agents like Trichoderma, Pseudomonas and nutrient management (soil test based application of NPK fertilizers and application of banana special micronutrient formulation) and now he is getting an annual income of ₹.962000.

PracticeofICMin Sugarcane

ICMin Small Onion

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

Name of farmer: Palaniswamy S/o Ponnuswany
Address: Basavanagudi village, Kollegala taluk
Age: 45
Education: P.U.C
Size of land holding (in acre):4.0

1) Before Intervention

Component Description		Bench mark (Base line period 2016-17)			
Components	Names	Area(Acre)/Number	Production (Q/Liter/No	Gross Income(Rs.)	Net Income(Rs.)
FieldCrop 1	Sugarcane	1	460	86000	58000
Fieldcrop2	Maize	1	15	16500	10000
Horti.crop1	Banana (Nendran)	1	85	110000	74000
Livestock1	Dairy	2	2600lt.	50,000	23,000
Total				262500	165000

2) Status in 2020

Component Description		Period2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sugarcane	1	580	157000	100000	26.09	72.41
Fieldcrop2	Maize	1	25	30000	20000	66.66	100.00
Horti.crop1	Banana (Nendran)	1	110	242000	170000	29.41	129.73
Livestock1	Dairy	3	4100lt	94000	54000	57.69	134.78
Total				523000	344000		108.48

Brief: The farmer used to get an annual income of Rs.165000 from sugarcane, Maize, Banana and Dairy. He faced problems likeweed infestation, panama wilt and pseudo stem weevil infestation in banana, early shoot borer menace & iron deficiency in sugarcane. With DFI interventions he was able to adopt the application of trichoderma & Pseudomonas in banana there by overcoming wilt disease and with the application of recommended insecticide he was able to counter Psuedostemweevil. Also he was guided to adopt INM there by achieving balanced crop nutrition that resulted in increased yields in Banana and Sugarcane. Suitable agronomic practices like earthingup at right time and application of recommended insecticide helped to manage early shoot borer in Sugarcane. Now he is getting annual income of Rs.344000.

Grazingof Livestock

Integrated crop management in maize

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

Name of farmer: Srikanth s/o B K Shivappa
Address: Baratahalli village, Gundlupetetq.

Age: 42
Education: Degree
Size of land holding (in acre):8

3) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No	Gross Income(Rs.)	Net Income (Rs.)
FieldCrop 1	Sugarcane	4	240	425000	252000
FieldCrop 1	Small Onion	4	360	432000	310000
Total					562000

4) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)	production	income
FieldCrop 1	Sugarcane	4	380	1050000	780000	58.3	209.5
FieldCrop 1	Small Onion	4	440	720000	580000	22.2	87.1
Total					1360000		141.9

Brief:The farmer used to get annual income of Rs.5,62,000 from Sugarcane and Small onion. He faced problems like weed problem in sugarcane, heavy infestations of pest and diseases.With DFI interventions like land reclamation, soil test based fertilizer applicationsand ICM practices, he is getting annual income of Rs.13,60,000.

ICM in Sugarcane

Improved Smallonion cultication practices