



Name of farmer: Shri Manjunath Ningappa Sullad Address: Devalingikoppa, Tq. Kalaghatagi, Dt. Dharwad Karnataka
 Age: 30
 Education: PUC
 Size of land holding (in acre): 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize (Pvt. Hy.)	8 Ac.	160 Q	192000	144000
Field Crop 2	Soybean	8 Ac.	48	166000	58000
Livestock 1	Dairy	10 cows (local), 10 Buffaloes (local)	30800 Ltr.	960000	230500
Livestock 2	Poultry	500 (5 batches for year)	2300 Nos.	385000	169000
Total				1703000	601500

2) Status in 2020

Component Description		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 (Pvt. Hy.)	8 Ac.	200 Q	320000	236800	25.00	64.44
Field Crop 2	Soybean	8 Ac.	65	255000	115000	35.42	98.28
Livestock 1	Dairy	20 cows (jersey), 10 Buffaloes (local)	48400 Ltr.	1450000	575000	4.76	149
Livestock 2	Poultry	1000 (5 batches for year)	5900 Nos.	944000	293000	156.52	73.37
Other enterprise (Specify)*	Poultry feed making unit	-	22 T	484000	110000	>100	>100
	Vermicompost production unit	-	100 T	60000	28000	>100	>100
Total				3513000	1357800		125.74

Brief: The farmer used to get annual income of **Rs. 601500/-** from Dairy and Poultry Unit etc. He felt that investment on feed and fodder is getting high year by year. KVK scientists guided him to **start feed manufacturing unit, fodder cafeteria and vermicompost production unit** to reduce the investment and effectively utilize the resources. With DFI interventions like Field visits, Trainings, Advisory over phone call etc., now he is getting annual income of **Rs 1357800/-**.



Scientists visiting dairy unit



Poultry unit with feed production unit



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Smt Pushpa Tavanappa Handoor Address:

Murakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 30

Education: PUC

Size of land holding (in acre): 12 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy (Dodigya)	10 Ac.	180 Q	324000	194400
Field Crop 2	Maize	2 Ac.	40 Q	48000	36000
Field Crop 3	Greengram	10 Ac.	40 Q	160000	112000
Livestock 1	Dairy	1 cow	360 Ltr	7200	4200
Total				539200	346600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Abhilasha)	3.5 Ac.	70 Q	154000	100100	-61.11	-48.50
Field Crop 2	Sugarcane	4 Ac	2000 Q	500000	350000	>100.00	>100.00
Field Crop 3	Maize	4 Ac	100 Q	160000	118400	150.00	228.89
Field Crop 4	Greengram	3.5 Ac.	21 Q	136500	101000	-47.50	-9.80
Horti Crop 1	Rose	0.5 Ac.	70000 flowers	200000	96000	>100.00	>100.00
Livestock 1	Dairy	2 cows	1080 Ltr	27000	15600	200.00	271.43
Other enterprise (Specify)*	Teak, <i>Melia Dubia</i> on bunds	50 Nos.	-	-	-		
Total				1177500	781100	-	125.36

Brief: The farm women was getting an annual income of **Rs. 346600/-** from agriculture crops like Paddy, Maize, Greengram and Dairy. She was interested to have IFS concept in her farm. KVK provided her the suitable technology including **paddy variety Abhilasha**. **Floriculture was encourage along with social forestry**. The DFI interventions like Field visits, Trainings, Advisory over phone call etc., now she is getting annual income of **Rs 781100/-**.



Farm women at maize and sugarcane crop



Processing unit at house hold level



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Shri Rachanagouda Patil
Address: Tabakadahonnihalli, Tq. Kalaghatagi, Dt. Dharwad
Karnataka
Age: 52
Education: 9th Std.
Size of land holding (in acre): 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4 Ac.	72 Q	129600	70000
Field Crop 2	Maize	4 Ac.	80 Q	96000	72000
Total				225600	142000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Sugarcane	2 Ac.	1400 Q	350000	195000	>100.00	>100.00
Field Crop 2	Maize	4 Ac	100 Q	160000	118400	25.00	64.44
Horti Crop 1	Banana (G-9)	2 Ac.	440 Q	280000	85000	>100.00	>100.00
Livestock 1	Fish farming	1 farm pond	Contract	-	20000	>100.00	>100.00
Total				790000	418400		194.65

Brief: The farmer was getting an annual income of **Rs. 142000/-** from Paddy field. During the visit of KVK Scientists, they suggested to grow horticulture crops for higher income. **Due to suitable climate and water resources banana and sugarcane crops were taken up.** With DFI interventions like Field visits, Trainings, Advisory over phone call etc., now he is getting annual income of **Rs. 418400/-**. The farm pond was also given contract for fishermen.



Scientists visit to banana field



Discussion with Scientists on yield improvement in Sugarcane



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Shri Shankrappa Siddappa Angadi
Address: Manasur, Tq. Dharwad, Dt. Dharwad
Karnataka
Age: 55
Education: PUC
Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti Crop 1	Mango	1 Ac.	79 Q	99000	76500
Livestock 1	Buffalo (Local)	4 Nos.	4320 Liters	172800	85000
Livestock 2	Cow (Local)	1 No	360 Liters	7920	4500
Total				279720	166000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti Crop 1	Rose	1 Ac.	2500 flowers/day	600000	350000	>100.00	>100.00
Livestock 1	Buffalo (Local)	4 Nos.	5760 Liters	288000	182000	33.33	114.12
Livestock 2	Cow (Jersey)	1 No.	540 Liters	16200	10500	50.00	133.33
Total				904200	542500		226.81

Brief: The farmer used to get annual income of **Rs. 166000/-** from Mango orchard of one acre. Income was very unstable and had problem with sustainable yield. KVK Scientists exposed him to go for alternative crop especially floriculture. **He opted for rose and with the assistance of Dept. of Horticulture and KVK converted his farm into rose garden.** With DFI interventions now he is getting annual income of **Rs. 542500/-** under organic farming practices.



Scientist visit to Rose cultivation plot



Mechanization and fodder crops in rose garden



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Smt. Manjula P. Sangolli Address:

Garag, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 38

Education: S.S.L.C.

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2 Ac.	8 Q	32000	22400
Field Crop 2	Wheat	2 Ac.	9 Q	31500	25200
Other enterprise	Vermicelli (Rava)	-	100 Q	400000	110000
Total				463500	157600

2) Status in 2020

Component Description		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	Greengram	2 Ac.	12 Q	78000	57720	50.0	157.7
Field Crop 2	Wheat	1 Ac.	6 Q	27000	22140	33.33	-12.14
Horti Crop 1	Tomato (Pvt.)	1 Ac.	120 Q	120000	76800	>100.00	>100.00
Other enterprise (Specify)*	Vermicelli (Millets)	-	160 Q	1280000	240000	60.00	118.00
	Chilli pounding unit	-	30 Q	60000	19000	>100.00	>100.00
Total				1565000	415660		163.74

Brief: The farm women had vermicelli making unit and was earning an annual income of Rs. **157600/-** from field crops like **Greengram, wheat and production and marketing of vermicelli from chiroti rava.** She was introduced with the technology of making vermicelli with millets like finger millet and foxtail millet. Demonstrations and trainings along with hand holding support helped her to earn an annual income of **Rs 415660/-** from vermicelli unit and chilli pounding unit.



Millets vermicelli making unit



Farm women engaged in chilli pounding activity



Name of farmer: Shri Rajusab Davalsab Nadaf
 Address: Amargol, Tq. Hubballi, Dt. Dharwad
 Karnataka
 Age: 28
 Education: BA
 Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	6 Ac.	36 Q	129600	88100
Field Crop 2	Chickpea	6 Ac.	24 Q	115200	78300
Field Crop 3	Cows (Local)	2 Nos.	2160 Liters	21600	12500
Total				266400	178900

2) Status in 2020

Component Description		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	Soybean	6 Ac.	48 Q	192000	130560	33.33	48.20
Field Crop 2	Chickpea	4 Ac.	20 Q	104000	70700	-16.7	-9.7
Horti Crop 1	Vegetables	2 Ac.	-	220000	150000	>100.00	>100.00
Livestock 1	Cows (Jersey)	6 Nos.	2592 Liters	108000	62600	20.00	400.80
Total				624000	413860		131.34

Brief: The farmer used to get annual income of **Rs. 178900/-** from agriculture crops like Soybean, Chickpea and Dairy. **The cropping pattern was changed with the intervention of KVK Scientists and animal component was improved.** The trainings, demonstrations, field visits and advisories helped him to double his annual income to **Rs 413860/-**.



Farmer with tomato crop grown with mulching sheet



Farmer in dairy unit



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Smt. Gangavva Parameshwar Avaradi

Address: Gamanagatti, Tq. Hubballi, Dt. Dharwad Karnataka

Age: 36

Education: SSLC

Size of land holding (in acre): 4.50 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	2.5 Ac.	15	54000	36700
Field Crop 2	Wheat	2.5 Ac.	10	35000	28000
Horti Crop 1	Leafy Vegetables	2 Ac.	-	150000	83000
Livestock 1	Cow (Local)	1	540 Liters	10800	6200
Total				249800	153900

2) Status in 2020

Component Description		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	Soybean	2 Ac.	16	64000	43600	6.66	18.80
Field Crop 2	Maize	2 Ac.	50	80000	59200	>100.00	>100.00
Field Crop 3	Wheat	2 Ac.	12	54000	44500	20.0	58.9
Horti Crop 1	Leafy Vegetables	2 Ac.	-	210000	150000	-	66.67
Livestock 1	Cow (Jersey)	1	720 Liters	18000	10500	33.33	69.35
Livestock 2	Ram	1	-	-	-	-	-
Total				426000	307800		100

Brief: The farm women used to get annual income of **Rs. 153900/-** from agriculture, horticulture crops and Dairy. **New varieties and multi-cut variety leafy vegetable seeds were introduced.** KVK provided her the suitable technologies including Field visits, Trainings, Advisory over phone call etc., now she is getting annual income of **Rs 307800/-**.



Farm women in mango orchard intercropped with radish (pvt.)



Ready to harvest pudina plot



Name of farmer: Shri Kallappa Basavanneppa Hugar

Address: Banadur (Galagi hulikoppa), Tq. Dharwad, Dt. Dharwad
Karnataka

Age: 42

Education: 5th Std.

Size of land holding (in acre): 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2 Ac.	44 Q	61600	24000
Field Crop 2	Cowpea	2 Ac.	10 Q	35000	21000
Horti Crop 1	Gaillardia	1 Ac.	140 Q	46000	32000
Livestock 1	Cow (Local)	1 No.	540 Liters	10800	5900
Total				153400	82900

2) Status in 2020

Component Description		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 Ac.	25 Q	45000	22000	-43.2	-8.33
Field Crop 2	Sugarcane	1 Ac.	500 Q	150000	50000	>100.00	>100.00
Field Crop 3	Cowpea	1 Ac.	6 Q	21000	15000	-40.00	-28.57
Horti Crop 1	Gaillardia	1 Ac.	200 Q	60000	41000	42.86	28.13
Livestock 1	Cow (Jersey)	1 No.	720 Liters	18000	7600	33.33	28.81
Livestock 2	Buffalo (Local)	1 No.	540 Liters	16200	6800	>100.00	>100.00
Other enterprise (Specify)*	Nursery	2 Ac.	11000 no.	350000	150000	-	>100.00
Total				660200	292400	-	252.71

Brief: The farmer used to get annual income of **Rs. 82900/-** from agriculture crops like Maize, Cowpea, Gaillardia and Dairy. With the consultation of KVK Scientists, he **started floriculture along with flower nursery**. With the DFI interventions like Field visits, Trainings, Advisory over phone call etc., now he is getting annual income of **Rs 292400/-**.



Farmer with ready to sale Gaillardia seedlings



Family members engaged in floriculture plot



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Shri Basappa Dharmappa Revadihal

Address: Halligeri, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 52

Education: 2nd Standard

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	4 Ac.	24 Q	84000	28000
Field Crop 2	Paddy	1 Ac.	18 Q	32400	17500
Field Crop 3	Sugarcane	2 Ac.	60 Q	150000	70000
Field Crop 4	Maize	4 Ac.	80 Q	96000	72000
Horti Crop 1	Tuberose	1 Ac.	50000 spikes	150000	93000
Livestock 1	Cow (Local)	1 No.	360 Liters	7200	4200
Total				519600	284700

2) Status in 2020

Component Description		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	Soybean	4 Ac.	32 Q	128000	56000	33.33	100.00
Field Crop 2	Paddy	1 Ac.	20 Q	44000	29000	11.11	65.71
Field Crop 3	Sugarcane	2 Ac.	80 Q	200000	120000	33.33	71.43
Field Crop 4	Maize	4 Ac.	100 Q	160000	118400	25.00	64.44
Horti Crop 1	Tuberose (Prajwal)	1 Ac.	70000 spikes	280000	173600	40.00	86.67
Horti Crop 2	Ridge gourd (Pvt.)	1 Ac.	100 Q	130000	88400	>100.00	>100.00
Livestock 1	Buffaloes (Local)	2 Nos.	2880 Liters	86400	50100	>100.00	>100.00
Livestock 2	Cows (Jersey)	2 Nos.	1160 Liters	27000	15700	222.20	273.81
Livestock 3	Goats	4 Nos.	-	40000	28000	-	>100.00
Total				1095400	679200	-	138.57

Brief: The farmer was getting an annual income of **Rs. 284700/-** from agriculture crops like field crops, horticulture crops and Dairy. KVK encouraged him to **start vegetable crops like ridge gourd and buffalo for milk production**. The technical guidance with DFI interventions like Field visits, Trainings, Advisory over phone call etc., helped him to improve his economic status by getting an annual income of **Rs 679200/-**.



Tuberose crop in flowering stage



Farmer harvesting ridge gourd



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Shri Shivayya Gadigeppa Marayyanavar

Address: Halligeri, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 44

Education: 4th Standard

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	6 Ac.	36 Q	129600	88100
Field Crop 2	Paddy	4 Ac.	72 Q	129600	77700
Field Crop 3	Greengram	4 Ac.	16 Q	64000	44800
Livestock 1	Cow (Local)	1 No.	350 Liters	7200	4200
Total				330400	214800

2) Status in 2020

Component Description		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	Soybean	4 Ac.	32 Q	128000	87100	-11.1	-1.14
Field Crop 2	Paddy	2 Ac.	40 Q	88000	57200	-44.4	-26.38
Field Crop 3	Greengram	2 Ac.	12 Q	78000	57700	-25	28.79
Field Crop 4	Maize	3 Ac.	75 Q	120000	88800	>100.00	>100.00
Horti Crop 1	Tuberose (Prajwal)	1 Ac.	68000 Spikes	272000	168600	>100.00	>100.00
Livestock 1	Cows (Jersey)	2 Nos.	540 Liters	27000	15700	54.3	273.81
Total				713000	475100		121.18

Brief: The farmer was growing field crops with one local dairy animal and was getting an annual income of **Rs. 214800/-**. He had irrigation facility and transport facility, so he was **encouraged to take up tuberose and maize for low maintenance lands**. KVK provided the required technology along with DFI interventions like Field visits, Trainings, Advisory over phone call etc., now he is getting annual income of **Rs 475100/-**.



Farmer in his soybean (var. DSb-21) plot



Farmer harvesting tuberose flowers



Effect of DFI intervention Name of KVK: ICAR-Krishi Vigyan Kendra, Dharwad

Name of farmer: Shri Anand Suresh Satyannavar

Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad
Karnataka

Age: 32

Education: PUC

Size of land holding (in acre): 2 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2 Ac.	8 Q	30000	22000
Field Crop 2	Chickpea	2 Ac.	11 Q	44000	32000
Livestock 1	Dairy	1 cows	400 Ltr	12000	4500
Total				86000	58500

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2 Ac.	12 Q	42000	35000	50.00	59.09
Field Crop 2	Chickpea (JAKI-9218)	2 Ac.	16 Q	80000	62000	45.5	93.8
Livestock 1	Dairy	3 cows	1800 Ltr	63000	42000	350.00	833.3
Total				185000	139000		137.61

Brief: The farmer used to get annual income of **Rs. 58500/-** from agriculture crops and animal husbandry etc. He was using old varieties, post harvest operations were not taken care. The farmer contact with KVK during training programmes exposed him for new technologies. With DFI interventions like **Field visits, Trainings, Advisory over phone call etc.**, now he is getting annual income of **Rs. 139000/-**.



Nipping technology in chickpea



Farmer in post harvest activity of greengram



Name of farmer: Shri Yamanappa Neelakantappa Alnavar

Address: Tadakoda, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 39

Education: 9 Std.

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	5 Ac.	30 Q	108000	73400
Field Crop 2	Maize	5 Ac.	100 Q	120000	90000
Horti Crop 1	Tomato	1 Ac.	100 Q	90000	55800
Livestock 1	Cow	1 No.	360 Liters	7200	4200
Livestock 2	Buffalo	1 No.	540 Liters	13500	7800
Total		11 AC		338700	231200

2) Status in 2020

Component Description		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	Soybean	4 Ac.	32 Q	128000	87000	6.7	18.53
Field Crop 2	Maize	4 Ac.	100 Q	160000	118400	00.0	31.56
Horti Crop 1	Tomato	1 Ac.	120 Q	120000	76800	20.00	37.63
Horti Crop 2	Cabbage	1 Ac.	180 Q	324000	194400	>100.00	>100.00
Horti Crop 3	Beans	1 Ac.	10 Q	35000	25200	>100.00	>100.00
Livestock 1	Cows	2 Nos.	1080 Liters	27000	15700	200.00	273.81
Livestock 2	Buffaloes	2 Nos.	1440 Liters	43200	25100	166.7	221.79
Livestock 3	Poultry birds	30 Nos.	2700 Eggs	32400	27500	>100.00	>100.00
Total		11 AC		869600	570100		146.58

Brief: The farmer was growing field crops along with tomato and dairy. The annual income was **Rs. 231200/-**. He had irrigation facility and was interested in improvising his farm. KVK Scientists guided him to **expand his vegetable area and establish small poultry farm**. The interventions like Field visits, Trainings, Advisory over phone call etc., have helped him to get an annual income of **Rs 570100/-**.



Farmer in cabbage field



Scientists visit to soybean field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Smt. Prema Tadakoda

Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 50

Education: 7th Std.

Size of land holding (in acre): 5.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Blackgram	3 Ac.	9 Q	13500	10100
Field Crop 2	Greengram	2 Ac.	8 Q	32000	22400
Field Crop 3	Chickpea	3 Ac.	12 Q	57600	39200
Field Crop 4	Sorghum	2 Ac.	8 Q	13600	9500
Total		10 AC		116700	81200

2) Status in 2020

Component Description		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	Blackgram	2 Ac.	10 Q	20000	15000	11.11	48.51
Field Crop 2	Greengram	2 Ac.	12 Q	78000	57700	50.00	157.68
Field Crop 3	Groundnut	1 Ac.	10 Q	15000	10200	>100.00	>100.00
Field Crop 4	Chickpea	3 Ac.	15 Q	78000	53000	25.00	35.42
Field Crop 5	Sorghum	2 Ac.	12 Q	24000	16800	50.00	76.47
Livestock 1	Cow	1 No.	540 Liters	43200	25100	>100.00	>100.00
Livestock 2	Fisheries (in farm pond)	1 farm pond	70	52000	40000	>100.00	>100.00
Total		10 AC		310200	217800		168.23

Brief: The farm women used to get annual income of **Rs. 81200/-** from dryland agriculture with crops like Blackgram, Greengram, Chickpea and Sorghum. She came in contact with KVK during the training programme. KVK guided her to build **farm pond for rain water harvesting as she had rainfed agriculture. Dairy, farm pond with inland fisheries was started by the interventions like Field visits, Trainings, Advisory over phone call etc., and helping her to get an higher annual income of **Rs 217800/-**.**



Groundnut variety G2-52



Farm pond in the early monsoon



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Vittal Satyannavar
Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad
Karnataka
Age: 28
Education: PUC
Size of land holding (in acre): 18 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6 Ac.	24 Q	96000	67200
Field Crop 2	Blackgram	6 Ac.	18 Q	27000	20200
Field Crop 3	Groundnut	3 Ac.	24 Q	28800	18700
Field Crop 4	Onion	3 Ac.	180 Q	180000	122400
Field Crop 5	Chickpea	12 Ac.	48 Q	230400	156600
Field Crop 6	Sorghum	6 Ac.	24 Q	40800	28500
Livestock 1	Buffalo (Local)	1 No.	540 Liters	13500	7800
Total				616500	421400

2) Status in 2020

Component Description		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	Greengram	6 Ac.	36 Q	234000	173200	50.00	157.74
Field Crop 2	Blackgram	6 Ac.	30 Q	60000	45000	66.67	122.77
Field Crop 3	Groundnut	3 Ac.	30 Q	45000	30600	25.00	63.64
Field Crop 4	Onion	3 Ac.	240 Q	288000	195840	33.33	60.00
Field Crop 5	Chickpea	12 Ac.	60 Q	312000	212100	25.00	35.44
Field Crop 6	Sorghum	4 Ac.	24 Q	48000	33600	0	17.89
Field Crop 7	Tomato	2 Ac.	240 Q	240000	153600	>100.00	>100.00
Livestock 1	Cows	3 Nos.	1620 Liters	40500	23500	>100.00	>100.00
Livestock 2	Buffalo (Local)	1 No.	720 Liters	21600	12500	33.33	60.26
Total				1289100	879940		108.81

Brief: The farmer was growing mainly pulses and onion and was getting an annual income of **Rs. 421400/-**. He had irrigation sources and manpower. During the visit of scientists to his field, he was suggested to take up **vegetable production and small dairy unit**. Farmer was enthusiastic and utilized the interventions of KVK Scientists in terms of Field visits, Trainings, Advisory over phone call etc. Now he is getting an annual income of **Rs 879940/-**.



Tomato crop under FLD programme



Practicing dairy with buffalo



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Santosh Shrishaila Yadahalli

Address: Kurubagatti, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 26

Education: SSLC

Size of land holding (in acre): 11.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	5 Ac.	40	48000	31200
Field Crop 2	Cotton	5 Ac.	27.5	110000	71500
Field Crop 3	Wheat	4 Ac.	16	56000	44800
Field Crop 4	Chickpea	7 Ac.	28	134400	91400
Horti Crop 1	Potato	1 Ac.	80	96000	67200
Livestock 1	Cow (Local)	1 No.	360	7200	4200
Total				451600	310300

2) Status in 2020

Component Description		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	Groundnut	3 Ac.	30	45000	30600	-25.00	-1.92
Field Crop 2	Cotton	4 Ac.	28	126000	84400	1.8	18.04
Field Crop 3	Potato	3 Ac.	300	450000	315000	275	368.75
Field Crop 4	Wheat	4 Ac.	24	108000	88500	50.00	97.54
Field Crop 5	Chickpea	6 Ac.	30	156000	106000	7.1	16.0
Horti Crop 1	Chrysanthemum	1 Ac.	35	175000	131200	>100.00	>100.00
Livestock 1	Cow (Jersey)	1 No.	540	13500	7800	50.00	85.71
Livestock 2	Buffalo (Local)	1 No.	720	21600	12500	>100.00	>100.00
Total				1095100	776000		150.08

Brief: The farmer was growing mainly cereals, pulses and groundnut and was getting an annual income of **Rs. 310300/-**. The village is near to town and there was a large scope for floriculture. Scientists guided him to start **cultivation of chrysanthemum along with field crops. Animal component was increased to facilitate milk and cow dung production.** The interventions of KVK Scientists in terms of Field visits, Trainings, Advisory over phone call etc. helped him to get an annual income of **Rs. 776000/-**.



Farmer with *rabi* wheat crop



Farmer in chickpea plot (var. JAKI-9218)



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Smt Mahadevi Basavaraj Haliyal

Address: Nigadi, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 28

Education: SSLC

Size of land holding (in acre):16.50 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5 Ac.	90	162000	97100
Field Crop 2	Greengram	5 Ac.	20 Q	80000	56000
Field Crop 3	Sugarcane	5 Ac.	2000 Q	392000	248500
Horti Crop 1	Mango	5 Ac.	180 Q	450000	367450
Horti Crop 2	Jasmine	1.5 Ac.	18	510000	375000
Livestock 1	Cow (Local)	1 No.	355	7100	4100
Total				1601100	1148150

2) Status in 2020

Component Description		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	10 Ac.	5900 Q	1350000	850000	195.0	242.05
Field Crop 2	Paddy	1.5 Ac.	30 Q	65000	42900	-66.7	-55.82
Field Crop 3	Soybean	5 Ac.	40 Q	160000	108900	-	-
Field Crop 4	Greengram	1.5 Ac.	9 Q	58500	43200	-55.0	-22.86
Horti Crop 1	Mango	5 Ac.	250 Q	750000	670000	38.89	82.3
Horti Crop 2	Jasmine	1 Ac.	16 Q	620000	552000	-11.1	47.20
Livestock 1	Cow (Jersey)	1 No.	530	27000	13700	49.3	234.12
Livestock 2	Buffalo	1 Ac.	710	21300	15600	>100.00	>100.00
Total				3051800	2296300		100

Brief: The farmer used to get annual income of **Rs. 1148150** /- from Sugarcane, Mango and Jasmine etc. She had labour problem for harvesting jasmine. **Production technologies for mango like use of Mango special, IPM were introduced and area under sugarcane was enhanced.** The technological interventions like Field visits, Trainings, Advisory over phone call etc., she is getting annual income of **Rs. 2296300**/-.



Discussion with scientists in mango Orchard



Harvesting Jasmine by Smt. Mahadevi



Name of farmer: Mastaq Galagali

Address: Kuruvinakoppa, Tq. Kalaghatagi, Dt. Dharwad
Karnataka

Age: 47

Education: BSc

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1 Ac.	25 Q	35000	22500
Field Crop 2	Soybean	1 Ac.	6 Q	21600	14688
Field Crop 3	Fodder	0.5 Ac.	800 Q	-	-
Livestock 1	Goat	30 Nos.	42 kids nos.	570000	210000
Other enterprise (Specify)	-	-	1500 Liters (Goat milk)	75000	25000
Total				701600	272188

2) Status in 2020

Component Description		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 Ac.	28 Q	42000	29000	12.0	28.8
Field Crop 2	Soybean	1 Ac.	8 Q	32000	21760	33.3	48.15
Field Crop 3	Moringa leaves	1 Ac.	280 Q	180000	115000	>100.0	>100.0
Livestock 1	Goat	34 Nos.	58 kids nos.	756000	366000	38.09	74.3
Other enterprise (Specify)	-	-	2720 Liters (Goat milk)	136000	86000	81.33	244.00
Total				1146000	617760	-	126.96

Brief: The farmer used to get annual income of **Rs. 272188/-** from agriculture and goat farming. He faced high feeding cost and disease management. After the KVK interventions like **ICM in maize, training, field visits etc.** He started producing **goat pellet feeds and selling of goat milk** with annual income of **Rs. 617760/-**.



Scientist visit to goat farming



Sale of goat milk



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Ningappa Shekappa Kenganur

Address: Kabbenur, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 47

Education: BA

Size of land holding (in acre): 1.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	0.5 Ac.	4 Q	4800	3100
Field Crop 2	Sorghum	0.5 Ac.	2 Q	3400	2400
Horti. Crop 1	Vegetables	0.5 Ac.	18 Q	46000	38000
Livestock 1	HF cow	1 No.	1200 Liters	28000	19000
Other enterprise (Specify)	Goat	2 Nos.	4 kids	12000	8000
Total				94200	70500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Vegetables	0.5 Ac.	20.50 Q	60000	49000	13.9	28.9
Field Crop 1	Sorghum	0.5 Ac.	3 Q	6000	4200	50.0	75.0
Field Crop 2	Fodder	0.5 Ac.	350 Q	35000	24000	>100.0	>100.0
Livestock 1	HF cow	4 Nos.	5760 Liters	161280	89280	380.0	369.89
Livestock 2	Goat	6 Nos.	18 kids	54000	36000	350.00	350.00
Total				316280	202480		187.21

Brief: The farmer used to get annual income of **Rs. 70500/-** from agriculture and animal husbandry etc. He faced problems like pest & diseases management and high feeding cost. With KVK interventions **ICM, fodder bank, field visits and animal feeding management** he is getting annual income of **Rs. 202480/-**.



Establishment of leguminous & non leguminous fodder bank



Scientists visit to dairy unit



Name of farmer: . Parvathi Mahadevappa Dandin
 Address: Shinganalli, Tq. Dharwad, Dt. Dharwad
 Karnataka
 Age: 47
 Education: PUC
 Size of land holding (in acre): 13 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	10 Ac.	220 Q	264000	154000
Field Crop 1	Soybean	10 Ac.	60 Q	216000	146800
Horti. Crop 1	Ridge guard	3 Ac.	180 Q	200000	150000
Horti. Crop 2	Tomato	3 Ac.	300 Q	270000	167400
Livestock 1	Cow	5 Nos.	6100 Liters	152500	92500
Total				1102500	710700

2) Status in 2020

Component Description		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	10 Ac.	5000 Q	1250000	875000	>100.0	>100.0
Field Crop 3	Sericulture	2 Ac.	14 Q	490000	343000	>100.0	>100.0
Horti. Crop 1	Ridge guard	1 Ac.	68 Q	102000	72000	20.0	-52.00
Horti. Crop 2	Tomato	1 Ac.	120 Q	120000	76800	-60.0	-54.1
Livestock 1	Cows	5 Nos.	7650 Liters	267750	194500	25.4	110
Other enterprise	Fish farming	0.5 acre	10 Q	80000	53000	>100.0	>100.0
Total				2309750	1614300		127.14

Brief: Pest & disease problems in agricultural crops, reduced milk yield and reproductive problems in dairy animals resulted in net annual income of **Rs. 710700/-**. **Introduction of sugarcane, ICM in vegetables, field visit and consultancy on sericulture, fish farming and dairy management intervention helped her to get annual income of Rs. 1614300/-**



Farm women working in Ridge guard field



Farm women involved in sericulture activities



Name of farmer: Prabhu Chawan

Address: Gamanaghatti, Tq. Hubli, Dt. Dharwad
Karnataka

Age: 44

Education: MBA

Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1 Ac.	25 Q	35000	22500
Field Crop 2	Soybean	1 Ac.	6 Q	21600	14600
Livestock 1	Cow (HF)	6 Nos.	7960 Liters	222800	114500
Total				279400	151600

2) Status in 2020

Component Description		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 Ac.	28 Q	42000	29000	12.0	28.8
Field Crop 2	Soybean	1 Ac.	8 Q	32000	21700	33.3	48.63
Livestock 1	Cow (Gir)	12 Nos.	5746 Liters	287300	155300	-27.8	35.63
Other enterprise	Sale of Ghee		0.45 Q (10670 Liters)	360000	295000	>100.0	>100.0
Total				721300	501000		230.47

Brief: Due to high feeding cost, poor management in rearing HF, he use to get annual income of **Rs. 151600/-** . After the KVK intervention, he **started rearing of indigenous Gir farming with effective feed and disease management, also sale of gir milk and ghee he used to get annual income of Rs. 501000/-**.



Scientists visit to dairy farm after introduction of Gir breed



Visit of other farmers to his dairy farm for cross learning



Name of farmer: Shri Prakash Bijapur
Address: Kusugal, Tq. Hubballi, Dt. Dharwad
Karnataka
Age: 45
Education: BA
Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2 Ac.	40 Q	48000	36000
Field Crop 2	Chickpea	2 Ac.	8 Q	38400	26100
Livestock 1	Cow (HF)	30 Nos.	35100 Liters	982800	622800
Total				1069200	684900

2) Status in 2020

Component Description		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	2 Ac.	50 Q	80000	59200	25.0	64.4
Field Crop 2	Chickpea	2 Ac.	10 Q	52000	35300	25.0	35.25
Livestock 1	Cows (HF)	60 Nos.	75600 Liters	3024000	1449600	115.4	132.8
Other enterprise (Specify)	Hydroponic fodder	-	1370 MT	-	-	>100.0	>100.0
	Jeevamruth	-	1000 Liters	-	-	>100.0	>100.0
Total		4 AC		3156000	1544100		125.45

Brief: Due to high feeding cost, poor management he used to get annual income of **Rs. 684900/-**. After starting **hydroponic fodder production, ICM in agriculture crops, ethanoveterinary practices and biofertilizer production** with KVK intervention he is getting annual income of **Rs. 1544100/-**.



Low cost hydroponic unit established by farmer



Visit of dairy trainees for cross learning



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Mallikarjun Bhingi

Address: Hanasi, Tq. Navalagundi, Dt. Dharwad

Karnataka

Age: 43

Education: B.A.

Size of land holding (in acre): 2.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2 Ac.	8 Q	30000	22000
Field Crop 2	Chickpea	2 Ac.	11 Q	44000	32000
Livestock 1	Buffalo	2 Nos.	2100 L	52500	28500
Other enterprise	Farm pond				
Total				126500	82500

2) Status in 2020

Component Description		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	Greengram	2 Ac.	12 Q	42000	35000	50.00	59.09
Field Crop 2	Chickpea	2 Ac.	16 Q	80000	62000	45.45	93.75
Livestock 1	Buffalo	2 Nos.	2700 Liters	94500	70500	28.58	147.3
Livestock 2	Goat	5 Nos.	8 kid	32000	25200	>100	>100
Livestock 3	Poultry	50 Nos.	-	17500	9000	>100	>100
Other enterprise (Specify)*	Fish farming in farm pond	-	800 kg	48000	36000	>100	>100
Total				314000	237700		188.12

Brief: The farmer used to get income of **Rs. 82500/-** from agriculture and buffalo farming. He visited KVK for goat farming training and motivated from KVK demo unit started **goat and back yard poultry farming along with fish farming in farm pond**. The advisories and field visits helped him to raise his annual income of **Rs. 237700/-**



Inland fish farming in farm pond



Scientists visit to backyard poultry farm



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Manjunath R. Bagannavar

Address: Mangalagatti, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 35

Education: B.A

Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	2 Ac.	20 Q	48000	34500
Field Crop 2	Soybean	2 Ac.	12 Q	43200	29200
Horti. Crop 1	Ridge guard	3 Ac.	180 Q	180000	111600
Horti. Crop 2	Tomato	3 Ac.	294 Q	264000	164500
Livestock 1	Cow (HF)	10 Nos.	9000 Liters	198000	83000
Total				733200	422800

2) Status in 2020

Component Description		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	2 Ac.	25 Q	70000	45500	25.0	31.9
Field Crop 2	Soybean	2 Ac.	16 Q	64000	43500	33.3	49.0
Horti. Crop 1	Ridge guard	3 Ac.	294 Q	302200	189900	63.3	70.16
Horti. Crop 2	Tomato	3 Ac.	348 Q	348000	222700	18.4	35.4
Livestock 1	Cow (HF)	20 Nos.	20000 L	560000	350000	122.2	321.7
Livestock 2	Goat (Sirohi)	10 Nos.	18 kids	117000	89500	>100.0	>100.0
Livestock 3	Poultry	100 Nos.	-	50000	30500	>100.0	>100.0
Total				1511200	971600		129.80

Brief: Earlier the farmer used to grow vegetables, Maize and had dairy farming with low milk yield with annual income of **Rs. 422800/-**. After KVK intervention like pest & diseases management in vegetables, ICM in maize. After dairy and goat farming trainings, he started **goat farming with improved breed like Sirohi and backyard poultry farming with Swarnadhara, Kadaknath with annual income of Rs. 971600/-**



Dairy and Sirohi goat farming



Scientists visiting ICM in vegetables field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Shivanagouda Patil Address:

Haletegur, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 35

Education: 12th

Size of land holding (in acre): 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	8 Ac.	152 Q	182400	136800
Field Crop 2	Soybean	8 Ac.	64 Q	140800	98500
Livestock 1	Dairy (HF)	2 Nos.	1900 Liters	41800	23800
Total				365000	259100

2) Status in 2020

Component Description		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	8 Ac.	190 Q	307200	227300	25.0	66.2
Field Crop 2	Soybean	8 Ac.	72 Q	252000	156000	12.5	58.4
Livestock 1	Dairy (HF)	6 Nos.	7500 Liters	210000	147000	294.7	517.6
Livestock 2	Goat	5 Nos.	6 kids	27000	21500	>100.0	>100.0
Total				796200	551800		112.97

Brief: The farmer used to get annual income of **Rs. 259100/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, pest & diseases management in soybean and low milk yield. With KVK interventions like **DSb-21 introduction, goat training, green fodder (DHN-6), advisory over phone call** etc., he is getting annual income of **Rs. 551800/-**.



Farmer working in dairy unit



Scientists visiting green fodder block



Name of farmer: Shri Bhimanand Chougala Address:

Dharwad, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 31

Education: B.E

Size of land holding (in acre): 9 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Medicinal Crop 1	Tulasi	7 Ac.	15 Q	250000	180000
Medicinal Crop 2	Ashwagand	2 Ac.	5 Q	150000	92000
Livestock 1	Cow (HF)	4 Nos.	4600 Liters	115000	67000
Total				515000	339000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Medicinal Crop 1	Tulasi	7 Ac.	20 Q	350000	250000	30.0	39.0
Medicinal Crop 2	Ashwagand	2 Ac.	6 Q	180000	128000	20.0	39.13
Livestock 1	Cow (HF)	6 Nos.	9750 Liters	292500	210000	112.0	213.4
Livestock 2	Goat	6 Nos.	8 kids	104000	76000	>100.0	>100.0
Livestock 3	Poultry	60 Nos.	-	33000	19000	>100.0	>100.0
Other enterprise (Specify)*	Azolla	2 beds	360 kg	-	-	>100.0	>100.0
Total				959500	683000		101.47

Brief: The farmer use to get annual income of **Rs. 339000/-** from medicinal and dairy farming. After the KVK intervention he started **azolla production, goat farming, poultry farming and ICM in medicinal plants.** The interventions helped him to get annual income of **Rs. 683000/-**



Cultivation of tulasi – a medicinal crop



Production of azolla as supplement feed



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Shivanand G Chandaragi Address:

Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 41

Education: BA

Size of land holding (in acre): 4.5 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4 Ac.	16 Q	60000	44000
Field Crop 2	Groundnut	4 Ac.	36 Q	126000	76000
Livestock 1	Dairy (HF)	2 Nos.	2340 L	58500	38550
Total				244500	158550

2) Status in 2020

Component Description		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	Greengram	4 Ac.	24 Q	84000	70000	50.0	59.1
Field Crop 2	Groundnut	4 Ac.	44 Q	184800	134800	22.2	77.4
Livestock 1	Dairy (HF)	4 Nos.	7560 L	226800	170100	223.1	341.2
Other enterprise	Silage and Fodder block	0.5	370 Q	37000	24000	>100.0	>100.0
Total				532600	398900		151.59

Brief: The farmer use to get annual income of **Rs. 158550/-** from agricultural crops and dairy farming. After the KVK intervention started dairy farming with **silage production and green fodder block, ICM in agricultural crops** helped him to get annual income of **Rs. 398900/-**



Green and dry fodder feeding management in animals



Silage production in silo bags



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Ulavappa Tippanna Dasanur

Address: Amargol, Tq. Hubballi, Dt. Dharwad Karnataka

Age: 51

Education: SSLC

Size of land holding (in acre): 36 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	18 Ac.	342	410400	307800
Field Crop 2	Chickpea	18 Ac.	72	345600	235000
Horti. Crop 1	Mango	18 Ac.	-	-	-
Livestock 1	-	-	-	-	-
Total				756000	542800

2) Status in 2020

Component Description		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	18 Ac.	432	691200	511500	26.3	66.2
Field Crop 2	Chickpea	18 Ac.	90	468000	318200	25.0	35.4
Horti. Crop 1	Intercropping (Mango+Soybean)	18 Ac.	540 Q	648000	288000	>100.0	>100.0
			108 Q (Soybean)	432000	267000	>100.0	>100.0
Livestock 1	Goat (Sirohi)	20 Nos.	38 Kids	320000	255000	>100.0	>100.0
Total				2559200	1639700		202.08

Brief: The farmer used to get annual income of **Rs. 542800/-** from agriculture crops. He had undergone sheep and goat training started **Sirohi goat farming** and other KVK intervention such as **intercropping, Soybean DSb-21 varietal introduction, ICM in maize, chickpea and mango, field visits, advisory over phone call** etc., helped him to get annual income of **Rs. 1639700/-**.



Farmer with Sirohi goats



Inter cultivation practices taken up in mango orchard



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Smt. Shashikala Patil

Address: Chikkmalligwad, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 58

Education: -NIL-

Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1 Ac.	20 Q	24000	14200
Field Crop 2	Chickpea	1 Ac.	4 Q	19200	13000
Livestock 1	Cow (Local)	1 No.	540 Liters	13500	9800
Total				56700	37000

2) Status in 2020

Component Description		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 Ac.	22 Q	30800	18300	10.0	28.9
Field Crop 2	Chickpea	1 Ac.	5 Q	26000	17700	25.0	36.2
Livestock 1	Cow (Local)	2 Nos.	1440 Liters	43200	33500	166.7	241.8
Livestock 2	Poultry	60 Nos.	325 chicks 2000 Eggs	42000	33000	>100.0	>100.0
Total				142000	102500		177.03

Brief: The farm women use to get annual income of **Rs. 37000/-** from agriculture crop and dairy. After the KVK intervention **ICM in maize, chickpea, feeding management, poultry farming training and field visit** helped her to get annual income of **Rs.102500/-**



Women working in Backyard poultry farming



Scientist visit to backyard poultry farm



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Kiran Ningappa Chandaragi Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 28

Education: Diploma

Size of land holding (in acre): 24 Acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	20 Ac.	80 Q	300000	220000
Field Crop 2	Groundnut	20 Ac.	180 Q	630000	380000
Field Crop 3	Cotton	4 Ac.	30 Q	135000	90000
Livestock 1	Dairy (HF)	2 Nos.	2340 Liters	58500	38550
Total				1123500	728550

2) Status in 2020

Component Description		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	Greengram	20 Ac.	120 Q	420000	350000	50.00	59.09
Field Crop 2	Groundnut	20 Ac.	220 Q	924000	674000	22.2	77.36
Field Crop 3	Cotton	4 Ac.	45 Q	247500	177300	50.0	97.0
Field Crop 4	Sericulture	2 Ac.	14 Q	490000	343000	>100.0	>100.0
Livestock 1	Dairy (HF)	4 Nos.	7560 Liters	226800	170100	223.1	341.2
Total				2308300	1714400		135.32

Brief: The farmer use to get annual income of **Rs.728550/-** from agricultural crops and dairy farming. After the KVK intervention **ICM in agricultural crops, pink bollworm management, feeding management and sericulture** helped him to get annual income of **Rs.1714400/-**.



Sericulture activity taken by farmer



Scientist visit to groundnut field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Smt. Anuradha S. Amminabhavi

Address: Marewad, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 40

Education: PUC

Size of land holding (in acre): 12 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	4 Ac.	80 Q	96000	69000
Field Crop 2	Soybean	8 Ac.	64 Q	140800	98500
Field Crop 3	Wheat	4 Ac.	56 Q	70000	28000
Field Crop 4	Sorghum	8 Ac.	32 Q	54400	38000
Livestock 1	Cow	3 Nos.	6100 Liters	152500	92500
Total				513700	326000

2) Status in 2020

Component Description		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	4 Ac.	92 Q	128800	78800	15.0	14.2
Field Crop 2	Soybean	8 Ac.	82 Q	246000	182000	28.1	84.7
Field Crop 3	Wheat	4 Ac.	64 Q	83200	35000	14.3	25.0
Field Crop 4	Sorghum	8 Ac.	48 Q	96000	67200	50.0	76.8
Livestock 1	Cows	7 Nos.	17600 Liters	492800	357800	188.5	286.8
Other enterprise (Specify)	Vermicompost	-	60 Q	48000	38400	>100.0	>100.0
Total				1094800	759200		132.88

Brief: The farm women use to get annual income of **Rs. 326000/-** from agriculture crop and dairy. After the KVK intervention **ICM in agriculture crops, feeding management, training and field visit** helped her to get annual income of **Rs. 759200/-**



Scientists visit to soybean field



Vermicompost production using farm waste



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri. Prakash Kadabi

Address: Yettinagudda, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 33

Education: -NIL-

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti. Crop 1	Brinjal	1 Ac.	50 Q	52000	31825
Field Crop 1	Groundnut	1 Ac.	7 Q	32000	14200
Field Crop 2	Sorghum	2 Ac.	10 Q	24000	9000
Total				108000	55025

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Brinjal	1 Ac.	57 Q	68400	55000	14.0	72.8
Field Crop 1	Groundnut	1 Ac.	9 Q	45000	25500	28.6	79.6
Field Crop 2	Sorghum	2 Ac.	14 Q	30800	13800	40.0	53.3
Livestock 1	Poultry	50 Nos.	-	22500	15750	>100.0	>100.0
Total				166700	110050		100

Brief: The farmer use to get annual income of **Rs. 55025 /-** from agriculture crops. After the KVK intervention **ICM in agricultural crops, brinjal, poultry farming training and field visit** helped him to get annual income of **Rs.110050/-**.



ICM in Brinjal vegetable



Backyard poultry farming with Swarnadhara breed



Name of farmer: Shri Venkateswar Ramesh Hosagowder

Address: Neeralkatti, Tq. Dharwad, Dt. Dharwad

Age:23

Karnataka

Education: B.Com

Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	1 Ac.	3 Q	9000	7650
Field Crop 2	Wheat	1 Ac.	15 Q	18750	9250
Livestock 1	-	-	-	-	-
Total				27750	16900

2) Status in 2020

Component Description		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	Greengram	1 Ac.	4.5	15750	14250	50.0	86.3
Field Crop 2	Wheat	1 Ac.	19 Q	28500	17000	26.7	83.8
Livestock 1	Goat	30 Nos.	54 no.	216000	54000	>100.0	>100.0
Livestock 2	Poultry	500 Nos.	3720 egg	44640	23700	>100.0	>100.0
Total				304890	108950		544.67

Brief: The young rural youth farmer used to get annual income of **Rs. 16900/-** from agriculture. After the KVK interventions like **ICM in agricultural crops, training, field visits** etc., He started goat farming with improved breeds and poultry farming with annual income of **Rs. 108950/-**.



Scientists visit to goat farm



Farmer in poultry unit



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

**Name of farmer: Shri Shrishail Dyamanna Aralappannavar Address: Navalur , Tq. . Dharwad Dt. Dharwad Karnataka
Age: 32
Education: MBA
Size of land holding (in acre): 40 acre**

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	10 Ac.	200 Q	240000	142000
Field Crop 2	Soybean	8 Ac.	64 Q	140800	98500
Horti. Crop 1	Cucumber	2 Ac.	170 Q	340000	192000
Horti. Crop 2	Mango	18 Ac.	500 Q	590000	223100
Livestock 1	Buffalo	2 Nos.	2160 Liters	75600	45000
Total				1386400	700600

2) Status in 2020

Component Description		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	10 Ac.	220 Q	392000	267000	10.0	88.0
Field Crop 2	Soybean	8 Ac.	82 Q	246000	182000	28.1	84.8
Horti. Crop 1	Cucumber	2 Ac.	200 Q	400000	223000	17.6	16.1
Horti. Crop 2	Intercropping (Mango+ Soybean)	18 Ac.	540 Q	648000	300000	8.0	34.5
			98 Q (Soybean)	428000	260000	>100.0	>100.0
Livestock 1	Buffalo	4 Nos.	6480 Liters	259200	169200	200.0	276.0
Total				2373200	1401200		100

Brief: The farmer used to get annual income of Rs. 700600 /- from agriculture crops and animal husbandry. After the KVK intervention such as ICM in vegetables, mango, maize and field visits, advisory over phone call etc., helped him to get annual income of Rs. 1401200/-.



Cucumber grown under protected cultivation



Farm equipments maintained by farmer



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Basavaraj Huchhayyanavar

Address: Chickkamalligewad Tq. &Dt. Dharwad

Karnataka

Age: 45

Education: BA

Size of land holding (in acre): 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2017-2018)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	3 Ac.	60 Q	72000	54000
Field Crop 2	Soybean	3 Ac.	18 Q	64800	44000
Livestock 1	Cow	4 Nos.	4480 Liters	112000	80000
Total				248800	178000

2) Status in 2020

Component Description		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 Ac.	25 Q	40000	29600	-58.3	-45.2
Field Crop 2	Soybean	1 Ac.	8 Q	32000	21700	-55.56	-50.7
Field Crop 3	Sericulture	2 Ac.	14 Q	490000	320000	>100.0	>100.0
Livestock 1	Cows	15 Nos.	19800 Liters	550000	370000	342.0	362.5
Other enterprise (Specify)	Vermicompost	-	500 Q	400000	120000	>100.0	>100.0
Total				1512000	861300		383.88

Brief: The farmer used to get annual income of **Rs. 178000/-** from agriculture and dairy farming. He faced high feeding cost and management . After the KVK interventions like training, field visits and consultancy etc He started producing **vermicompost and silk worms along with dairy farming** with annual income of **Rs. 861300/-**



Large scale production of vermicompost



Sericulture unit



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Annappa Dasgond

Address: Shirkol, Navagund, Dt. Dharwad

Karnataka

Age: 20

Education: SSLC

Size of land holding (in acre): 15 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	8	32	134400	66400
Field Crop 2	Blackgram	2	8	36000	19000
Field Crop 3	Onion	5	250	250000	125000
Field Crop 4	Sorghum	2	12	24000	9000
Field Crop 5	wheat	3	24	48000	25500
Field Crop 6	Chickpea	10	50	215000	106275
Livestock-1	Buffalo	2	2340	70200	47200
Total				777600	398375

2) Status in 2020

Component Description		Benchmark (Baseline 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	Greengram (DGGV-2)	8	48	201600	131600	50.00	98.2
Field Crop 2	Blackgram (DU-1)	2	14	63000	44000	75.0	131.6
Field Crop 3	Onion (Bhima Super)	5	350	420000	290000	40.00	132.00
Field Crop 4	Sorghum (SPV-2217)	2	14	28000	10000	16.7	11.1
Field Crop 5	Wheat (UAS-375)	3	24.5	51450	26450	2.1	3.7
Field Crop 6	Chickpea (JG-11)	10	75	322500	202500	50.0	90.5
Livestock-1	Buffalo	2	2880	115200	92200	23.1	95.3
Total				1201750	796750		100

Brief: The farmer used to get annual income of **Rs. 398375** /- from agriculture and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management and, animal reproductive problems etc etc. With DFI interventions like FLDs, OFT, Field visits, Soil testing, Trainings, etc., he started cultivating improved varieties in his farm followed by integrated crop management practices of crops and he is getting annual income of **Rs. 796750** /-.



Farmer Scientist interaction in Greengram (DGGV-2) and Blackgram (DU-1) varieties demonstrated field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Basavaraj Gaali

Address: Shirur, Dt. Dharwad

Karnataka

Age: 37

Education: BA.

Size of land holding (in acre): 14 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	29	130500	72500
Field Crop 2	Cotton	5	32	144000	69000
Field Crop 3	Onion	1	65	84000	62000
Field Crop 4	Chickpea	4	21.5	92450	62450
Field Crop 5	Sorghum	2	9.2	18400	8400
Horti Crop 6	Guava	2	143.6	215400	162830
Total				684750	437180

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Greengram (DGGV-2)	6	36	216000	156000	24.1	115.2
Field Crop 2	Cotton (Hy.)	5	35.5	170400	92900	10.9	34.6
Field Crop 3	Onion (Bhima Super)	1	93	113400	81400	43.1	31.3
Field Crop 4	Chickpea (JG-11)	4	25.2	108360	73360	17.21	17.5
Field Crop 5	Sorghum (SPV-2217)	2	12.3	24600	12600	33.70	50.00
Horti. Crop 6	Guava (L-49)	2	221.5	443000	413000	54.2	153.6
Livestock	Cow	4	3500	105000	75000	>100	>100
Total				1109360	904260		106.8

Brief: The farmer used to get annual income of **Rs. 437180/-** from agriculture and horticulture crops. He faced problems like varietal selection, nutrient deficiency, weed management and pest & diseases management *etc.* When KVK scientists reached out him with DFI interventions like FLDs, OFT, Field visits, Trainings, Soil testing *etc.*, **he was very receptive replaced local varieties with improved varieties in his farm and followed integrated crop management practices made him earn the annual income of Rs. 904260/-.**



Farmer in Guava (L-49) and Chickpea (JG-11) demonstrated field



Name of farmer: Shri Nagappa Olekar Address:
Mugali, Dt. Dharwad
Karnataka
Age: 35
Education:
Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti. Crop 1	Jasmine	0.5	6	180000	125500
Horti. Crop 2	Tomato	0.5	45.8	45800	27800
Total				225800	153300

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Jasmine	0.5	7.4	240500	184500	23.3	47.01
Horti. Crop 2	Chrysanthemum	0.5	21	157500	135700	>100.0	>100.0
Total				398000	320200		108.87

Brief: The farmer used to get annual income of **Rs. 153300/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency, and pest & diseases management, *etc.* **Since the farmer was quite interested in exploring more flower crops, with DFI interventions like FLDs, OFT, Field visits, Trainings, etc. and scientist's suggestion he started cultivating high valued flower crops like Chrysanthemum and jasmine which fetched him annual income of Rs. 320200/-.**



Farmer has grown high valued Chrysanthemum flowers



Farmer Harvesting kakada jasmine in his field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Nijalingappa G Honnaikar Address:

Manakawad Tq. Navalagund Dist. Dharwad Karnataka

Age: 41

Education: 9th.

Size of land holding (in acre): 10 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	30.5	137250	99250
Field Crop 2	Cotton	2	10	40000	10000
Field Crop 3	Chickpea	4	22	94600	50600
Field Crop 4	Sorghum	2	15.5	31000	21000
Horti. Crop 5	Onion	2	175	175000	84500
Field Crop 6	cow	3	1620	40500	25500
Total				518350	290850

Component Description		Benchmark (Baseline 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	Greengram (DGGV-2)	6	35	210000	170000	14.8	71.3
Field Crop 2	Cotton (Bt. Hy.)	2	14	63000	26000	40.0	160.0
Field Crop 3	Chickpea (JG-11)	4	30	135000	89000	36.4	75.9
Field Crop 4	Sorghum (SPV-2217)	2	19.5	42900	30900	25.8	47.1
Horti.Crop 5	Onion (Bhima super)	2	215	322500	234500	22.9	177.5
Field Crop 6	cow	3	3240	97200	79200	100.0	210.59
Total				870600	629600		116.47

Brief: The farmer used to get annual income of **Rs. 290850/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency, and pest & diseases management, etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he started **cultivating improved varieties in his field replacing the local varieties and grown high yielding Onion (Bhima Super) and is getting annual income of Rs. 629600/-.**



Farmer demonstrating Sorghum (SPV-2217) and Cotton fields



Name of farmer: Madivalappa Malleshappa Tegur
 Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad
 Karnataka
 Age: 55
 Education: B.A
 Size of land holding (in acre): 6.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	15.50	55800	28152
Field Crop 2	Blackgram	2	9.10	32760	20760
Field Crop 3	Bengalgram	4	16.20	77760	53184
Field Crop 4	Wheat	1	5.30	18550	15050
Field Crop 5	Sorghum	1	5.90	11800	6940
Livestock 1	Dairy	2	1800	39600	22600
Total				236270	146686

Component Description		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	Greengram (DGGV-2)	4	22	121000	79000	41.94	180.62
Field Crop 2	Blackgram (DU-1)	2	12.7	76200	60200	39.6	190
Field Crop 3	Bengalgram (JG-11)	4	21.3	110760	70760	31.48	33.05
Field Crop 4	Wheat (UAS-446)	1	11.5	51750	45750	116.98	203.99
Field Crop 5	Sorghum (SPV-2217)	1	8.7	19140	14140	47.46	103.75
Livestock 1	Dairy	2	2250	67500	45500	25.00	101.33
Total				446350	315350		114.98

Brief: The farmer used to get annual income of **Rs.146686/-** from agriculture and animal husbandry etc. He faced problems like low yield, varietal selection, nutrient deficiency, pest & diseases management and reproductive disorder in animals etc. With DFI interventions like FLDs, OFT, Soil testing, Field visits, Trainings etc., **Farmer was very receptive to scientist's suggestion, he replaced the local varieties with the improved varieties, followed integrated crop management practices and he is getting annual income of Rs.315350/-.**



Photo-2



Name of farmer: Rudrappa Matiger
 Address: Kogilagere Tq. Dharwad, Dt. Dharwad
 Karnataka
 Age: 34
 Education: 10th Std.
 Size of land holding (in acre): 15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	6	180 t	270000	140000
Field Crop 2	Paddy	5	150 q	105000	75000
Field Crop 3	Maize	2	50 q	125000	30000
Horti. Crop 4	Mango	2	5.5t	120000	70,000
Total				620000	315000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (Abhilasha)	5	175q	207000	112000	16.67	49.33
Field Crop 2	Maize	8	350q	546000	357000	600	1090
Horti. Crop 3	Mango	2	7t	332500	277500	27.3	296.43
Total				1085500	746500		136.98

Brief: The farmer used to get annual income of **Rs. 315000/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, pest & diseases management etc. With DFI interventions like FLDs, Field visits, Trainings, advisory, market linkage etc., he is getting annual income of **Rs. 7,46,500/-**.



Farmers interaction about ICM in mango with special



Farmer demonstrating ICM in maize hybrid in his field



Name of farmer: Ishwarappa M. Chandragi
 Address: Pudukalakatti, Tq. Dharwad, Dt. Dharwad
 Karnataka
 Age: 53
 Education: 07
 Size of land holding (in acre): 6.32 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2.00	12 q	48000	28000
Field Crop 2	Cotton	2.0	16 q	64000	44000
Field Crop 3	Groundnut	2.0	16 q	76000	32157
Field Crop 4	Wheat	2.0	11.0	22000	10000
Field Crop 5	Chickpea	2.0	12.0	55200	33200
Field Crop6	Onion	0.32	8 ton	64000	41500
Livestock 1	Cow (local)	1 No.	360 litres	7920	4420
Total				337120	193277

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2.00	15 q	75000	53000	25	89.3
Field Crop 2	Cotton (Hy.) + Peas	2.0	29.59 q	133155	89155	85	102.6
Field Crop 3	Groundnut (Dh-256)	2.0	24 q	127200	91200	50	183.6
Field Crop 4	Wheat (UAS-375)	2.0	18.0	45000	21000	64	110.0
Field Crop 5	Chickpea (JG-11)	2.0	16.0	79200	55200	33	66.3
Field Crop 6	Onion (Bhima Super)	0.32	10 ton	100000	72500	25	74.7
Livestock 1	Cow (local)	1 No.	450 litres	9900	4500	25	1.8
Total				569455	386555		100

Brief: The farmer used to get annual income of **Rs. 193277** from agriculture and animal husbandry *etc.* He faced problems like low yield, varietal selection, weed management, pest & diseases management and reproductive disorder in animals *etc.* With DFI interventions like FLDs, OFT, Seed Production, Field visits, Trainings, Soil testing *etc.*, **He was enthusiastic to grow new varieties released in his farm , introduced Peas as intercrop in Cotton, followed integrated crop management practices as suggested by scientists which fetched him annual income of Rs. 386555/-.**



Farmer growing sole cotton in his field



Scientist visiting to farmer's field where he introduced Peas as intercrop in 2:1 ratio in cotton field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Tammanna Gundagovi Address:

Kurubagatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 48

Education: 5th

Size of land holding (in acre): 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	3	18	90000	35000
Field Crop 2	Groundnut	3	30	150000	105000
Total				240000	140000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area (Acre)/No	Productio n (Q/Liter/ No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Cotton+ Peas	2	22	121000	76000	22.2	117.14
Horti Crop 2	Chrysanthemum	1.5	25	125000	77000	>100	>100
Horti Crop 3	Tomato	0.5	58	58000	38000	>100	>100
Horti Crop 4	Beans	0.5	30	105000	61800	>100	>100
Horti Crop 5	Potato	1.5	92	184000	119000	>100	>100
Total				593000	371800		165.57

Brief: The farmer used to get annual income of Rs. **140000/-** from agriculture crops etc. He faced problems like low yield, varietal selection, weed management, pest & diseases management, etc. When we reached out with DFI interventions like Field visits, Trainings, Advisory over phone call etc., he was interested to take up Peas as intercrop in cotton, he introduced flower crop and vegetables and replaced Groundnut in his cropping system which fetched him annual income of Rs **371800/-**



Farmer in his Chrysanthemum and Cotton fields



Name of farmer: Shri Siddappa Muttagi Address:

Somapur, Tq. Dharwad, Dt. Dharwad Karnataka

Age:

Education: 10th

Size of land holding (in acre): 15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	20	100000	40000
Field Crop 2	Cotton	5	30	165000	67000
Total				265000	107000

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	4	24	156000	96000	20.0	140.0
Field Crop 2	Cotton+peas	5	45.5	273000	148000	51.67	120.90
Total				429000	244000		128.04

Brief: The farmer used to get annual income of Rs.107000/- from agriculture crop etc. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management etc. With DFI interventions like Field visits, Trainings, Advisory over phone call, soil testing etc., he took up **improved variety of greengram instead of local ones in his farm, introduced Peas as intercrop in Cotton** which helped him to earn annual income of Rs. 244000/-.



Scientist interaction with the farmer regarding pest management in Cotton field



Effect of DFI intervention

Name of KVK: ICAR-Krishna Vigyan Kendra

Name of farmer: Shri Basavaraj Managundi

Address: Gamanagatti Dt. Dharwad

Karnataka

Age: 46

Education: 12th Std.

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	3	18.2	58240	40240
Field Crop 2	Maize	3	44.8	67200	43200
Field Crop 3	Sorghum	3	15	30000	12000
Field Crop 4	Chickpea	3	12.5	47500	23500
Horti crop 1	Mango	4	280	280000	183095
Total				482940	302035

2) Status in 2020

Component Description		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	Soybean (DSb-21)	3	21.5	98900	78900	18.13	96.1
Field Crop 2	Maize(CP-818)	3	47.8	86040	60040	6.70	39.0
Field Crop 3	Sorghum (SPV-2217)	2	12	30000	18000	-20.00	50.0
Horti crop 1	Mango	4	367	458750	370350	31.07	102.3
	Mango+Palak (Pusa harit)	1	45	67500	48200	42.1	100
	Mango+Tomato (Hy.)	0.5	50	50000	36000	100.0	100
Total				791190	611490		102.5

Brief: The farmer used to get annual income of **Rs. 302035/-** from Agriculture and Horticulture etc. but he was having difficulties like varietal selection, weeds, pest & diseases management, etc. With KVK interventions like FLDs, OFT, Field visits, Trainings, etc., he introduced improved varieties, intercrops such as **Palak and tomato in mango orchards and also taken up mango special foliar spray to mango orchard** and he is getting annual income of **Rs. 611490/-**.



Photo-1



Photo-2

mango orchard

Introduction of new variety (Pusa Harit) of palak in

Name of farmer: Shri Nagaraj B. Moolimani

Address: Bandiwad Tq: Hubli Dt. Dharwad

Karnataka

Age: 32

Education: ITI.

Size of land holding (in acre): 6 acre



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8.25	37125	19125
Field Crop 2	Cotton	2	9.10	40950	16950
Field Crop 3	Chickpea	4	18.25	78475	43475
Field Crop 4	Soybean	2	9.60	34560	14560
Total				191110	94110

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	11.20	50400	32400	35.8	69.4
Field Crop 2	Bt.Cotton	2	12.25	55125	30125	34.6	77.7
Field Crop 3	Chickpea (JAKI-9218)	4	19.75	98750	68750	8.22	58.14
Field Crop 4	Soybean (DSb-21)	1	6.10	28060	8060	-36.5	-44.64
Horti crop 1	Onion (Bhima Super)	1	85	85000	61000	100.0	100
Total				317335	200335		112.87

Brief: The farmer used to get annual income of **Rs. 94110/-** from agriculture . With KVK scientists consultation and intervention he introduced improved varieties like **Greengram (DGGV-2), Chickpea (JAKI-9218) and Onion (Bhima Super)** in his cropping system and his annual income is of **Rs. 200335/-**.



Popularization of Onion Variety Bhima Super higher market price



Locally made low cost Onion grader for fetching



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Gurunath Managuli Address: Talemoraba Tq: navalagund Dt. Dharwad Karnataka

Age: 28

Education: ITI.

Size of land holding (in acre): 7 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	9	40500	22500
Field Crop 2	Cotton	2	9.5	42750	18750
Field Crop 3	Chickpea	4	16	68800	33800
Field Crop 4	Soybean	2	8	28800	8800
Horti crop	Onion	1	95	95000	73000
Field Crop 6	Sorghum	1	5	12500	4500
Total				288350	156850

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	11	49500	31500	22.2	40.0
Field Crop 2	Cotton	2	12	54000	29000	26.3	54.7
Field Crop 3	Chickpea(JG-11)	4	20	86000	51000	25.0	50.9
Field Crop 4	Soybean (DSb-21)	2	12	55200	35200	50.0	300.0
Horti crop	Onion (Bhima Super) seed production	1	2	360000	295000	>100.	>100
Livestock	Cow	2	1440	36000	20000	>100	>100
Total				640700	461700		194.36

Brief: The farmer used to get annual income of Rs. **156850/-** from Agriculture and Horticulture. He faced problems like varietal selection, weeds, Nutrient deficiency, pest incidence, etc. With DFI interventions like **FLDs, OFT, Field visits, Trainings**, etc, he took up seed production of **Bhima Super onion variety** and he grown improved varieties and his annual income is of Rs **461700/-**. Overall **194.36%** increase in annual income over base year



Onion seed production at farmers field



Diary unit and Honey bee box



Name of farmer: Parmesh Channaveerappa Angadi
 Address: Chikkamalligawad Tq/Dt. Dharwad Karnataka
 Age:32
 Education: PUC
 Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	60	108000	84000
Horti crop	Mango	3	85	106250	64250
Total				214250	148250

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (Abhilasha)	3	65	130000	109000	8.33	29.76
Horti crop	Mango	3	120	180000	135000	41.18	110.12
Other enterprise	Sericulture (Lease land)	01	5	175000	55000	>100	>100
Total				485000	299000		101.69

Brief: The farmer used to get annual income of Rs. **1,48,250/-** from **agriculture and Horticulture** crops . He felt that there is a problem like varietal selection, weed management, pest & diseases management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has introduced **sericulture component and used four foliar spray of mango special micro nutrient to his mango orchard** and is getting annual income of Rs. **2,99,000/-**.



Training on Mulberry cultivation to farmer



Demonstration of Sericulture unit



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

**Name of farmer: Mohammad Khilledar Address: Gudigeri Tq. Kundagol Dt. Dharwad Karnataka
Age:36
Education:7th
Size of land holding (in acre):02**

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	Cotton	1	5.6	25200	13200
Field Crop 2	Soybean	1	6.25	23750	15750
Livestock 1	Goat	4	6	24000	18000
Total				72950	46950

2) Status in 2020

Component Description		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	Cotton (Hy.)	1	8.9	40050	28050	58.93	112.50
Field Crop 2	Soybean (DSb-21)	1	9.5	43700	35700	52.00	126.67
Livestock 1	Goat (Local)	5	8.2	49200	37200	36.67	106.67
Other enterprize	Farm Pond fisheries	0.05 acre	8	32000	24000	>100	>100
Total		2		164950	124950		166.13

Brief: The farmer used to get annual income of **Rs. 46950/-** from agriculture and livestock. She is having less land holding and facing problems to get higher income. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., she started cultivating improved varieties, **introduced fishery component in her cropping system** and earning an annual income of **Rs. 124950/-**.



Farm women in Cotton field and Farm pond fisheries



Name of farmer: Praveen Sharevad Address: Ballaravad

Tq. Navalagund Dt. Dharwad Karnataka

Age: 36

Education: 10th

Size of land holding (in acre): 14 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	10	52	234000	110000
Field Crop 2	Cotton	4	24	108000	60000
Field Crop 3	Chickpea	6	30	135000	52000
Field Crop 4	Sorghum	2	9.5	19000	10000
Field Crop 5	Wheat	2	8	24000	13000
Horti crops	onion	5	360	360000	75000
Total				880000	320000

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	10	63	375000	280000	21.15	154.55
Field Crop 2	Cotton (Hy.)	4	31	155000	98000	29.2	63.33
Field Crop 3	Chickpea (JG-11)	6	33	158400	109400	10.0	110.38
Field Crop 4	Sorghum (SPV-2217)	2	11.5	25300	15300	21.1	53.00
Field Crop 5	Wheat (UAS375)	2	12.5	40000	27000	56.3	107.69
Horti crops	Onion (Bhima Super)	5	430	516000	448000	19.4	497.30
Livestock 1	Goat Farming	6	10 kids	50000	40000	66.7	122.2
Total				1319700	977700		205.53

Brief: The farmer used to get annual income of Rs. **320000/-** from agriculture and Horticulture. He faced problems like varietal selection, weed management, pest & diseases management and livestock management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has introduced new varieties of **greengram, sorghum and chickpea** and involved in Goat rearing in his farm and he is earning annual income of Rs. **977700/-**.



Demonstration of Greengram (DGGV-2) and Goat farming unit in farmer's field



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Sunanda Sogi

Address: Amaragol Tq. Hubballi Dt. Dharwad

Karnataka

Age: 36 Education:

12th

Size of land holding (in acre): 2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	1	6.70	30150	18150
Field Crop 2	Soybean	1	6.20	23560	11560
Field Crop 3	Groundnut (Summer)	1	8.50	34000	20000
Livestock 1	Cow	4	4320	108000	60000
Total				195710	109710

2) Status in 2020

Component Description		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	Cotton (Hy.)	1	8.5	42500	30500	26.87	68.04
Field Crop 2	Groundnut (GPBD-4)	0.5	5.10	22950	15750	-40.00	-21.25
Field Crop 3	Soybean (Dsb-21)	1	8.25	37950	25950	33.06	124.48
Horti crop	Tomato	0.5	42	42000	26000	>100.00	>100.00
Livestock 1	Cow	6	6480	226800	158800	50.00	164.67
Total				372200	257000		134.25

Brief: The farmer used to get annual income of Rs. **109710/-** from agriculture and livestock . She found difficulty in varietal selection, nutrient deficiency, pest & diseases management, and livestock management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., **she introduced improved varieties of groundnut, soybean and Horticulture crops** in her farm and her annual income is of Rs. **257000/-**.



Demonstration of Groundnut (GPBD-4) and Dairy unit



Name of farmer: Havalappa Homberi

Address: Narendra Dt. Dharwad

Karnataka

Age: 56

Education: 5th Std.

Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8	36000	28000
Field Crop 2	Soybean	3	18	57600	35600
Field Crop 3	Bengalgram	5	23	98900	78950
Total				192500	142550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti crop	Peas (Arkel)	2	60	180000	105000	>100.	>100.
Field Crop 1	Soybean	3	21	96600	74600	16.7	109.6
Field Crop 2	Bengalgram	5	27	121500	105500	17.39	33.6
Total				398100	285100		100

Brief: The farmer used to get annual income of **Rs. 142550/-** from agriculture crops etc. He faced problems like varietal selection, weed management, intercropping, pest & diseases management, etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., farmer introduced new high yielding **varieties of soybean and chickpea** and he also introduced **Peas (Arkel)** into his cropping system and he is getting annual income of **Rs. 285100/-**.



Scientist's interaction with the farmer in Bengalgram field at vegetative and at harvesting stage



Name of farmer: Santosh S. inchal
Address: Kanavihonnapur Tq. Dt. Dharwad
Karnataka
Age: 36 Education:
12th
Size of land holding (in acre): 4 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	38	68,400	39850
Field Crop 2	Soybean	2	12	45600	23600
Field Crop 3	Maize (After soybean)	2	28	42000	18000
Livestock 1	cow	3	2160	54000	39000
Total				210000	120450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (Abhilasha)	2	43	77,400	53,900	13.2	35.3
Field Crop 2	Soybean (Dsb-1)	2	16	72000	49500	33.3	109.7
Field Crop 3	Maize (Hy.) (After soybean)	2	32	57600	35100	14.3	95.0
Livestock 1	Cow	3	3240	113400	83400	50.0	113.8
Livestock 2	Poultry	0	100	50000	19000	>100	>100
Total				370400	240900		100.00

Brief: The farmer used to get annual income of **Rs. 120450/-** from agriculture and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management, and livestock management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he is **growing improved varieties of Paddy and soybean** in his farm, introduced poultry component in his farm and getting annual income of **Rs. 240900/-**.



Demonstration of Poultry Unit and cattle farm



Name of farmer: Basavanneppa Y. Adaragunchi Address: Belavantar Tq. Kalaghatagi, Dt. Dharwad Karnataka
Age: 53
Education: 10th
Size of land holding (in acre): 13acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	5	2200	396000	244000
Field Crop 2	Soybean	5	31.7	120460	62460
Field Crop 3	Maize	5	63.5	95250	40250
Horti crop	Mango	3	130	130000	82000
Livestock 1	cow	9	6480	162000	120000
Total				903710	548710

2) Status in 2020

Component Description		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	2800	616000	464000	27.27	90.16
Field Crop 2	Soybean (Dsb-21)	5	37.25	167625	109625	17.51	75.51
Field Crop 3	Maize (Hy.)	5	68.5	102750	47750	7.87	18.63
Horti crop 1	Mango	3	154	192500	146500	18.46	78.66
Livestock 1	cow	9	8910	267300	222300	37.5	85.3
Other enterprise	Sericulture	1	10	350000	230000	>100.0	>100.0
Total				1696175	1220175		122.37

Brief: The farmer used to get annual income of **Rs. 548710/-** from agriculture, Horticulture and livestock. He faced problems like varietal selection, weed management pest & diseases management, and livestock management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has grown improved **varieties of soybean (Dsb-21)** in his farm along with nutrient management and also started rearing **silkworms** to produce silk as an additional enterprise and he is getting annual income of **Rs. 1220175/-**.



Dairy unit



Mulberry cultivation



Name of farmer: Shri Madivallappa M Tegur Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 58

Education: 5 th

Size of land holding (in acre): 8acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	10	40000	30400
Field Crop 2	Soybean	4	16	57600	29952
Field Crop 3	Groundnut	2	10	40000	10000
Field Crop 4	Wheat	4	16	56000	42000
Field Crop 5	Bengalgram	2	11	52800	40512
Field Crop6	Sorghum	2	10	20000	10280
Livestock1	Dairy	2 No.	1440 litre	15840	12816
Total				282240	175960

2) Status in 2020

Component Description		Benchmark (Baseline 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	Greengram (DGGV-2)	2	13	84500	64220	30.00	111.25
Field Crop 2	Soybean	4	31	139500	98540	93.75	228.99
Field Crop 3	Groundnut	2	16	72000	42000	60.00	320.00
Field Crop 4	Wheat	4	20	90000	70560	25.00	68.00
Field Crop 5	Bengalgram	2	15	78000	61360	36.36	51.46
Field Crop 6	Sorghum	2	13	32500	18500	30.00	79.96
Livestock 1	Dairy	2 No.	2160 litre	23760	20736	50.00	61.80
Total				520260	375916		113.64

Brief: The farmer used to get annual income of **Rs. 175960/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he introduced improved varieties of green gram, soybean (Dsb-21), groundnut (G2-52) and Sorghum (SPV-2217) and is getting annual income of **Rs.375916/-**.



Introduction of GPBD-4 variety of groundnut



Comparison of GPBD-4 with old variety JL-1085



Name of farmer: Shri Prakash N. Banavannavar

Address: Tabakadahonnalli Dt. Dharwad Karnataka

Age: 36

Education: 12

Size of land holding (in acre): 6.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	780	140400	80400
Field Crop 2	Paddy (Dodagya)	2	25	37500	13500
Field Crop 3	Soybean (JS-335)	2	12	45600	23600
Livestock 1	cow	3	2160	54000	20000
Total				277500	137500

2) Status in 2020

Component Description		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 (Chandgad)	2	950	237500	177500	21.8	120.8
Field Crop 2	Maize (Hy.)	2	50	90000	64000	>100.	>100.
Field Crop 3	Soybean (DSb-21)	2	16	72000	48000	33.3	103.4
Livestock 1	cow	3	3240	97200	61200	50.0	206.0
Total				496700	350700		155.05

Brief: The farmer used to get annual income of Rs. **137500** /- from agriculture . He faced problems like varietal selection, weed management, pest & diseases management, animal management etc. With DFI interventions like **ICM, IPM in Maize, INM and new varieties like Soybean (DSb-21)** etc., he is getting annual income of Rs. **350700**/-.



Paddy (Dodyaga) field



Demonstration of FAW management in Maize



Name of farmer: Shri Gadigeppagouda Patil Address:

Mangalagatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 56

Education: 5th

Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	4	23.5	75200	40200
Field Crop 2	Greengram	2	9.7	43650	28650
Field Crop 3	Wheat	2	9.8	20580	9080
Field Crop 4	Bengalgram	2	9.8	49000	31000
Total				188430	108930

2) Status in 2020

Component Description		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	Soybean (Dsb-21)	4	26	119600	74600	10.64	85.57
Horti crop	Chrysanthemum	1	25	125000	75000	>100.	>100.
Field Crop 2	Bengalgram (JG-9218)	2	18	93600	77600	83.7	150.3
Horti crop	Marigold	0.5	13	97500	66500	>100.	>100.
Horti crop	Tomato	0.5	60	480000	455000	>100.	>100.
Total				915700	748700		587.32

Brief: The farmer used to get annual income of Rs. **108930/-** from agriculture. He faced problems to get higher income from the agriculture crops so he **introduced flower and vegetables and high yielding field crops** with KVK interventions like Field visits, Trainings, Advisory over phone call etc., Now he is getting annual income of Rs **748700/-**.by cultivating high valued crops.



Harvesting of Marigold crops



Harvesting of Chrysanthemum crops



Name of farmer: Shri Anand S. Durannavar
 Address: ShirurTq. Navalagund, Dt. Dharwad
 Karnataka
 Age: 38
 Education:
 Size of land holding (in acre): 4acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8.2	36900	18900
Field Crop 2	Cotton	2	9.1	40950	16950
Field Crop 3	Chickpea	2	8.7	37410	21410
Total				115260	57260

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	11.75	76375	56375	43.3	198.20
Field Crop 2	Cotton (Hy.)	1	8.2	39360	26360	80.2	55.52
Horti crop	Onion (Bhima Super)	1	93	93000	71000	>100.0	>100.0
Field Crop 4	Chickpea (JG-11)	2	10.5	46200	30200	20.7	41.06
Total				254935	183935		221.23

Brief: The farmer used to get annual income of Rs. **57260/-** from agriculture crops etc. He faced problems like varietal selection, pest & diseases management, etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has grown improved varieties of **greengram and chickpea** in and introduced **Onion** in his cropping system and is getting annual income of Rs. **183935/-**.





Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Bheemappa Mallappa Kempabasannavar Address:

Karadigudda, Dt. Dharwad

Karnataka

Age: 35

Education: 7th Std.

Size of land holding (in acre): 15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	18	64800	23328
Field Crop 2	Cotton	3	13.5	60750	30750
Field Crop 3	Blackgram	5	17.5	63000	33000
Field Crop 4	Groundnut	1	6	24000	9000
Field Crop 5	Bengalgram	5	19	91200	60480
Field Crop 6	Wheat	5	22	77000	59500
Field Crop 7	Sorghum	2	10	20000	10280
Livestock 1	Cow	2 No.	1800	36000	27000
Total				436750	253338

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	5	18.75	112500	60000	25.00	157.20
Field Crop 2	Cotton (Hy.)	3	18	90000	54000	33.33	75.61
Field Crop 3	Blackgram (DU-1)	4	20	120000	88000	42.86	166.67
Horti crop	Onion (Bhima Super)	1	63	63000	43000	>100.00	>100.00
Field Crop 5	Groundnut (DH-256)	2	16	72000	46000	33.33	411.11
Field Crop 6	Bengalgram (JG-11)	5	28	145600	95600	47.37	58.07
Field Crop 7	Wheat (UAS-375)	4	20	90000	66000	13.64	10.92
Field Crop 8	Sorghum	3	24	60000	45000	60.00	337.74
Livestock 1	Cow	2	2160	64800	54800	20.00	102.96
Total		15		817900	552400		118.05

Brief: The farmer used to get annual income of **Rs. 253338/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, nutrient deficiency, weed management, pest & diseases management, and mastitis in animals etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has started growing improved varieties of **greengram, blackgram, groundnut and sorghum** in his farm along with **Onion** and is getting annual income of **Rs. 552400/-**.



Introduction of new variety- Blackgram (DU-1)



Threshing of Greengram (DGGV-2)

Name of farmer: Shri Basavaraja Chandargi Address:
Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age:35

Education:8th

Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description			Benchmark (Baseline period 2016-17)		
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	15.50	55800	55800
Field Crop 2	Soybean	2	10.20	36720	27120
Field Crop 3	Blackgram	2	7.30	26280	14280
Field Crop 4	Groundnut	2	19.50	74100	44100
Field Crop 5	Bengalgram	4	17.50	84000	59424
Field Crop 6	Wheat	3	14.60	51100	40600
Field Crop 7	Sorghum	3	14.75	29500	14920
Livestock 1	Dairy	2 No.	1620	35640	26640
Total				393140	282884

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram (DGGV-2)	3	18.75	112500	81000	42.22	45.16
Field Crop 2	Soybean (DSb-21)	3	22	88000	57280	46.67	111.21
Field Crop 3	Blackgram (DU-1)	2	11.2	53760	37760	57.14	164.43
Horti crop	Onion (Bhima Super)	1	65	65000	45000	>100.00	>100.00
Field Crop 5	Groundnut (G2-52)	1	20.5	92250	72250	95.24	63.83
Field Crop 6	Bengalgram (JG-11)	5	26.3	136760	106760	52.94	79.66
Field Crop 7	Wheat (UAS-375)	3	26.8	120600	102600	92.86	152.71
Field Crop 8	Sorghum (SPV-2217)	2	21	52500	42500	40.00	184.84
Livestock 1	Dairy	2 No.	2250	67500	57500	37.5	115.84
Total				788870	602650		113.04

Brief: The farmer used to get annual income of **Rs. 282884/-** from agriculture and animal husbandry etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he introduced improved varieties of greengram, soybean, groundnut and chickpea along with Horti crop culture crop onion in his cropping pattern getting annual income of **Rs. 602650/-**.



Scientists visit to Groundnut (G2-52) field



Scientists explaining clean milk production



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shankaragouda Rayanagoudra

Address: Shirur Tq. Navalagund, Dt. Dharwad

Karnataka

Age: 43

Education: 10th

Size of land holding (in acre): 15acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	5	23.5	105750	53750
Horti crop	Onion	5	345	345000	270000
Field Crop 3	Chickpea	8	35.2	151360	83360
Field Crop 4	Sorghum	2	9.5	19000	9000
Horti crop	Guava	5	356	534000	420170
Total				1155110	836280

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	5	28.3	169800	121800	20.43	126.60
Horti crop	Onion (Bhima Super)	5	435	652500	574500	26.09	112.78
Field Crop 3	Chickpea (JG-11)	8	46.75	224400	159400	32.81	91.22
Field Crop 4	Sorghum (SPV2217)	2	11.3	24860	12860	18.95	42.89
Horti crop.	Guava	5	434	868000	804000	21.91	69.98
Total				1939560	1672560		100

Brief: The farmer used to get annual income of **Rs. 836280** /- from agriculture and Horti cropculture crops. He faced problems like varietal selection, weed management pest & diseases management and nutrient management etc. in his farm after interaction with KVK Scientists and DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he has grown improved varieties of field and Horti cropculture crops along with nutrient management and now he is getting annual income of **Rs. 1672560**/-.



Installation of Fruit fly traps in Guava field



Group discussion about plant protection



Name of farmer: Basavaraj Roogi
 Address: Shirur, Dt. Dharwad Karnataka
 Age:
 Education: 5 th
 Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	29	130500	58000
Horti crop	Onion	4	280	280000	58000
Field Crop 3	Chickpea	8	42	180600	58000
Field Crop 4	Sorghum	1	5	10000	5000
Field Crop 5	Wheat	1	4.5	6750	4500
Total				607850	183500

2) Status in 2020

Component Description		Benchmark (Baseline 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	Greengram (DGGV-2)	6	32	192000	132000	10.34	127.59
Horti crop	Onion (Bhima Super)	4	312	468000	407000	11.43	601.72
Field Crop 3	Chickpea (JAKI)	8	45	202500	142500	7.14	145.69
Horti crop	Onion seed production (Bhima Super)	2	4.3	430000	310000	>100.00	>100.00
Total				1292500	991500		440.33

Brief: The farmer used to get annual income of **Rs. 183500/-** from agriculture and Horti cropculture crops. He was not knowing about varietal selection, weed and nutrient management, pest & diseases management, etc. With the interaction with KVK scientists and DFI interventions like FLDs, OFT, Field visits, Trainings, etc he has taken seed up Onion seed production and started to grow improved varieties with integrated nutrient management in his farm. Now his annual income is **Rs. 991500/-**.





Name of farmer: Shri Basavaraj Annigeri
 Address: At. Shiraguppi Dt. Dharwad Karnataka
 Age: 46
 Education: 5th Std.
 Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	20.5	92250	53470
Field Crop 2	Cotton	2	12	54000	30000
Field Crop 3	Bengalgram	2	8.75	37625	22625
Field Crop 4	Safflower	2	6	18000	3000
Livestock 1	Cow (HF)	1 No.	720	18000	13000
Total				219875	122095

2) Status in 2020

Component Description		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	Greengram	4	24.2	145200	113200	18.0	87.9
Field Crop 2	Cotton	2	15.7	86350	62350	30.8	107.8
Field Crop 3	Bengalgram	2	9.5	45600	30600	8.6	35.2
Field Crop 4	Safflower	2	8	37800	22800	33.3	660.00
Livestock 1	Cow (HF)	1 No.	830	23240	15240	15.3	17.2
Total				338190	244190		100

Brief: The farmer used to get annual income of Rs. 122095 /- from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he is getting annual income of **Rs. 244190/-**.



Demonstration of A1 safflower variety



Scientists visit to safflower field



Name of farmer: **Shri Basavaraj Bali**
 Address: Shirur, Dt. Dharwad Karnataka
 Age: 32
 Education: BE.
 Size of land holding (in acre): 4 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8.5	38250	9750
Field Crop 2	Sorghum	1	4.2	7560	2860
Field Crop 3	Chickpea	1	4.5	15750	3250
Horti crop	Guava	2	195	390000	360000
Total		4		451560	375860

2) Status in 2020

Component Description		Benchmark (Baseline 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	Greengram	2	12.7	76200	46000	49.41	371.79
Horti crop	Onion (Bhima super)	1	1.5	225000	167000	100.00	100.00
Field Crop 3	Chickpea	1	6.2	27900	13700	37.78	321.54
Horti crop	Guava	2	220	550000	519000	12.82	44.17
Horti crop	Guava (Production of Layers)	0.5	2000	120000	70000		
Total				999100	815700		117.02

Brief: The farmer used to get annual income of Rs. **375860/-** from agriculture and Horti cropculture crops. He faced problems like varietal selection, weed management, nutrient deficiency, and pest & diseases management, etc. With the help of KVK scientists and DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started cultivating improved varieties in his field, introduced **onion crop** in his **cropping pattern and started producing Guava layers** and is getting annual income of Rs. **815700/-**.



Guava air layering



Bagging of layers



Name of farmer: Shri Gadigeppa K Mattigatti Address:

Nelagudda, Tq. Kundagol, Dt. Dharwad Karnataka

Age: 85

Education: 5 th

Size of land holding (in acre): 21 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	10	42000	25000
Field Crop 2	Groundnut	2	16	64000	36000
Horti crop 1	Onion	2	112	112000	67000
Horti crop 2	cabbage	2	110	115500	73500
Field Crop 3	wheat	2	15	31500	11500
Field Crop 4	Chickpea	6	30	129000	75000
Livestock 1	Buffalo	2	2160	64800	43800
Livestock 2	cow	1620	48600	24000	24600
Total				798800	356400

2) Status in 2020

Component Description		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	Greengram	2	16	72000	55000	60.0	120.0
Field Crop 2	Groundnut	2	22	99000	71000	37.5	97.2
Horti crop 1	Onion	2	145	174000	130000	29.5	94.0
Horti crop 2	cabbage	2	150	165000	81000	36.4	10.2
Field Crop 3	wheat	2	24	57600	40600	60.0	253.0
Field Crop 4	Chickpea	6	48	230400	176400	60.0	135.2
Livestock 1	Buffalo	2	2880	92160	71160	33.3	62.5
Livestock 2	cow	3	3240	113400	88400	-17.95	259.3
Total				1003560	713560		100.2

Brief: The farmer used to get annual income of **Rs. 356400/-** from agriculture and animal husbandry etc. farmer was not aware about varietal selection, intercropping, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like introduction of **new high yielding varieties of groundnut, greengram and introduction of onion cabbage**, he is getting annual income of **Rs 713560/-**



Introduction of groundnut variety G2-52



Groundnut + coriander mixed cropping along with cabbage



Effect of DFI intervention

Name of KVK: ICAR-Krishi Vigyan Kendra

Name of farmer: Shri Annappa Dasgond Address:

Shirkol, Navagund, Dt. Dharwad Karnataka

Age: 20

Education: SSLC

Size of land holding (in acre): 15 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	8	32	134400	66400
Field Crop 2	Blackgram	2	8	36000	19000
Field Crop 3	Onion	5	250	250000	125000
Field Crop 4	Sorghum	2	12	24000	9000
Field Crop 5	wheat	3	24	48000	25500
Field Crop 6	Chickpea	10	50	215000	106275
Livestock-1	Buffalo	2	2340	70200	47200
Total				777600	398375

2) Status in 2020

Component Description		Benchmark (Baseline 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	Greengram (DGGV-2)	8	48	201600	131600	50.00	98.19
Field Crop 2	Blackgram (DU-1)	2	14	63000	44000	75.00	131.58
Field Crop 3	Onion (Bhima Super)	5	350	420000	290000	40.00	132.00
Field Crop 4	Sorghum (SPV-2217)	2	14	28000	10000	16.67	11.11
Field Crop 5	Wheat (UAS-375)	3	24.5	51450	26450	2.08	3.73
Field Crop 6	Chickpea (JG-11)	10	75	322500	202500	50.00	62.00
Livestock-1	Buffalo	2	2880	115200	92200	23.08	95.34
Total				1201750	796750		100

Brief: The farmer used to get annual income of **Rs. 398375/-** from agriculture and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management and animal reproductive problems etc etc. With DFI interventions like FLDs, OFT, Field visits, Soil testing, Trainings, etc., he started **cultivating improved varieties in his farm followed by integrated crop management practices of crops and he is getting annual income of Rs. 796750/-.**



Farmer Scientist interaction in Greengram (DGGV-2) and Blackgram (DU-1) varieties demonstrated fields



Name of farmer: Shri Mallanagouda Dyavanagoudar

Address: Byahatti, Hubli Tq, Dt. Dharwad Karnataka

Age: 72

Education: SSLC

Size of land holding (in acre): 20 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	10	40	168000	124500
Field Crop 2	Blackgram	5	20	90000	48000
Field Crop 3	Onion	5	350	350000	230000
Field Crop 4	wheat	5	25	50000	10000
Field Crop 5	Chickpea	15	75	322500	226500
Livestock-1	Cow	2	2340	58500	35500
Total				1039000	674500

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Component s	Names	Area (Acre)/No	Production (Q/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Greengram (DGGV-2)	10	68	408000	360000	70.0	189.2
Field Crop 2	Blackgram (DU-1)	5	23.5	141000	96000	17.5	100.0
Field Crop 3	Onion (Bhima Super)	5	480	576000	431000	37.1	87.4
Field Crop 4	Wheat (UAS-375)	5	40	84000	44000	60.0	340.0
Field Crop 5	Chickpea (JG-11)	15	110	473000	353000	46.7	55.8
Livestock-1	Cow	2	2880	100800	75800	23.1	113.5
Total				1782800	1359800		101.6

Brief: The farmer used to get annual income of **Rs. 674500/-** from agriculture and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management and, animal reproductive problems etc etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he started cultivating improved varieties in his farm followed by proper health management of livestock, he is getting annual income of **Rs. 1359800/-**.



Monitored Seed production field of Greengram (DGGV-2)



Demonstration field of chickpea (JG-11)



Name of farmer: Shri Channabasappa B. Hembli

Address: Managundi, Dt. Dharwad
Karnataka

Age: 27 Education:
PUC

Size of land holding (in acre): 25 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Mango	15	80	400000	245000
Field Crop 2	Sugarcane	10	4000	720000	370000
Field Crop 3	Mango+Maize	5	90	162000	112000
Total				1282000	727000

2) Status in 2020

Component Description		Benchmark (Baseline 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	Mango	15ac	121	665500	5,05,500	51.25	106.33
Field Crop 2	Sugarcane	10	5000	1000000	7,00,000	25.00	89.19
Field Crop 3	Mango+Maize	5	98	245000	1,95,000	8.89	74.11
Field Crop 4	Mango+Soybean	5	30	150000	75,000	>100.00	>100.00
Field Crop 5	Mango+Groundnut	2.5	30	150000	1,34,000	>100.00	>100.00
Field Crop 6	Mango+Cowpea	0.5	2	12000	9,000	>100.00	>100.00
Total				2222500	1618500		122.63

Brief: The farmer used to get annual income of **Rs. 727000/-** from agriculture horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he started intercropping with improved varieties in Mango Orchards which fetched him annual income of **Rs. 1618500 /-**.



Vegetative stage maize field



Maize intercropping with mango orchard



Name of farmer: Mrs. Nagaratna K. Patil
Address: Nelliharavi, Tq. Kalaghatagi Dt. Dharwad
Karnataka
Age: 49
Education: 7th
Size of land holding (in acre): 12.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	8	3120	624000	414000
Field Crop 2	Maize	4	112	201600	156600
Total				825600	570600

2) Status in 2020

Component Description		Benchmark (Baseline period 2020-21)				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Horti. Crop 1	Arecanut(Sirsi)	4.5	200	1000000	745000	>100	>100
Field Crop 2	Sugarcane (Chandagadh)	3	1200	300000	188000	-61.5	-54.59
Field Crop 3	maize (Hy.)	4.5	172	309600	264600	53.6	69
Total				1609600	1197600		109.9

Brief: The farm women used to get annual income of Rs. **570600/-** from agriculture horticultre crops.He faced problems like varietal selection, weed, nutrient deficiency and pest & diseases management etc With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., she introduced arecanut (Sirsi) plantation in her and fetching field with annual annual income of Rs. **1197600 /-**.



Established Arecanut planatation



Chandagadh Sugarcane Variety grown in her field

Name of farmer: Shri Yallappa Chachadi Address:

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	Soybean	2	16	60800	38800
Field crop-2	Groundnut	2	25	125000	95000
Total		4		185800	133800

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. crop-1	Chilli	1	60	168000	133000	100.00	>100.00
Horti. crop-2	Chrysanthemum	1	32	192000	157000	100.00	>100.00
Total		2		360000	290000		116.74

Brief: The farmer used to get annual income of **Rs. 133800/-** from agriculture crops. He was unhappy with income getting from the filed crops and visited KVK. KVK scientists **introduced Chilli and Chrysanthemum (var. Marigold)** crops in his farm and he is earning annual income of **Rs. 290000/-** by DFI interventions.



Farmer shifted to Vegetable crops from field crops



Crop diversity with Flower crops from field crops

Name of farmer: Shri Krishnareddy G. Kalawad Address:

Tirlapur, Navalgund Tq Dt. Dharwad Karnataka

Age: 53

Education: SSLC

Size of land holding (in acre): 12 acres



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	5	25	105000	62500
Field Crop 2	Blackgram	2	8	33600	16600
Field Crop 3	Wheat	2	12	24000	9000
Field Crop 4	Chickpea	8	48	206400	103150
Horti. Crop 1	Onion	3	180	180000	105000
Horti. Crop 2	Chilli	2	8	144000	104000
Livestock -1	Cow	4	2880	72000	37000
Total				765000	437250

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	5	34	204000	161500	36.00	158.40
Field Crop 2	Blackgram (DU-1)	2	16	72000	55000	100.00	231.33
Field Crop 3	Wheat (UAS-375)	2	18	37800	22800	50.00	153.33
Field Crop 4	Chickpea (JG-11)	8	64	275200	203200	33.33	51.19
Horti. Crop 1	Onion (Bhima Super)	3	220	264000	189000	22.22	80.00
Horti. Crop 2	Chilli	2	10	220000	180000	25.00	73.08
Livestock -1	Cow	4	3600	108000	63000	25.00	70.27
Total				1181000	874500		100

Brief: The farmer used to get annual income of **Rs. 437250/-** from agriculture crops and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management and reproductive problems in animals *etc* With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started growing **improved varieties of greengram (DGGV-2), onion (Bhima Super) and introduced chilli instead of local varieties in his farm** and he is earning annual income of **Rs. 874500/-**.



Scientists and seed certification officer visited greengram





Name of farmer: Shri Siddappa S. Kolavi
 Address: Managundi, Dt. Dharwad Karnataka
 Age: 46
 Education: SSLC
 Size of land holding (in acre): 7 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	16	35200	15200
Horti. Crop 1	Mango	5	48	240000	190000
Horti + Field Crop 1	Mango+Maize	5	88	158400	108400
Total				433600	313600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Abhilasha)	2	24	60000	40000	50.00	163.2
Horti. Crop 1	Mango	5	85	505500	467500	77.08	166.1
Horti.+Field Crop 1	Mango+Soybean (Dsb-21)	2.5	20	90000	75000	100.00	>100.0
Horti.+Field Crop 2	Mango+ Paddy	2.5	30	150000	134000	100.00	>100.0
Total				805500	716500		128.47

Brief: The farmer used to get annual income of **Rs. 313600/-** from agriculture and horticulture crops. He was not having awareness about the intercropping in mango and high yielding varieties of field crops. With KVK interventions like FLDs, Field visits, Trainings, *etc.*, he started intercropping with improved varieties of Soybean and paddy in Mango Orchards which fetched him annual income of **Rs. 716500/-**.



Mango + maize intercropping field



Farmer in Mango+ paddy intercropping field



Name of farmer: Shri Siddappa Amminabhavi
 Address: Shirkola, Navalgund Tq Dt. Dharwad
 Karnataka
 Age:49
 Education: 8th
 Size of land holding (in acre): 8 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	5	19.5	81900	47900
Field Crop 2	Chickpea	7	29.3	125990	71990
Horti. Crop 1	Onion	2	118	118000	68010
Horti.+Field Crop 1	Guava+Wheat	2	20	40000	25000
Livestock-1	Cow	3	1890	56700	35700
Total				422590	248600

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	4	27.75	116550	78550	42.31	63.99
Field Crop 2	Chickpea (JG-11)	6	41.5	178450	118450	41.64	64.54
Horti. Crop 1	Onion (Bhima Super)	2	145	174000	118000	22.88	61.64
Horti. Crop 2	Guava (L-49)	2	40	60000	35000	>100.00	>100.0
Horti.+ Horti. Crop 1	Guava+Onion (Bhima Super)	2	95	95000	55000	>100.00	>100.0
Livestock -1	Cow	2	2880	115200	92200	52.38	158.26
Total				624000	497200		100

Brief: The farmer used to get annual income of **Rs. 248600/-** from agriculture crops and livestock. He visited the KVK and got information with respect to high yielding varieties of field crops, he started growing improved varieties instead of local varieties in his farm, **introduced Onion as intercrop in Guava** and he is earning annual income of **Rs. 497200/-**.



Scientist visit to Greengram seed production plot



Awareness programme on usage of onion storage



Name of farmer: Shri Gangadhar V Alagavadi

Address: Nelagudda, Kundgol Tq.

Karnataka

Age: 54

Education: SSLC

Size of land holding : 8 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	11	46200	29200
Field Crop 2	Groundnut	4	28	112000	56000
Field Crop 3	Wheat	2	16	33600	13600
Field Crop 4	Chickpea	6	30	129000	61450
Horti. Crop 1	Onion	2	112	112000	67000
Livestock -1	Buffalo	2	1440	43200	22200
Total				476000	249450

2) Status in 2020

Component Description		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	Greengram	2	16	72000	55000	45.45	88.36
Field Crop 2	Groundnut (G2-52)	4	35	157500	101500	25.00	81.25
Field Crop 3	Wheat	2	22	52800	35800	37.50	163.24
Field Crop 4	Chickpea	6	42	201600	147600	40.00	96.80
Horti. Crop 1	Onion	2	138	165600	121600	23.21	81.49
Livestock -1	Buffalo	2	1980	59400	37400	37.50	68.47
Total				708900	498900		100

Brief: The farmer used to get annual income of **Rs. 249450/-** from agriculture crops and livestock. He faced problems like varietal selection, weed management, nutrient deficiency, pest & diseases management and reproductive problems in animals *etc* With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started growing improved varieties instead of **greengram(DGGV-2), groundnut (G2-52) and onion(Bhima Super) instead of local varieties** in his farm, he is earning annual income of **Rs. 498900/-**.



Demonstration of high yielding groundnut variety G2-52



Awareness programme on seed production technology



Name of farmer: Shri Gurupadappa Angadi Address:
Managundi , Dhawrad Tq.
Karnataka
Age: 40
Education: 10 th
Size of land holding : 3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti. Crop 1	Mango	3	45	225000	187000
Horti.+Field Crop 1	Mango+Maize	3	48 (Maize yield)	86400	36400
Total				311400	223400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Mango	3	89.5	447500	405500	98.9	116.8
Horti.+Field Crop 1	Mango+Soybean	3	25 (Soybean yield)	112500	86500	>100.0	>100.0
Total				560000	492000		120.2

Brief: The farmer used to get annual income of **Rs.223400/-** from Horticulture crops. With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started growing **improved varieties of soybean(DSb-21) as intercrop in mango orchard** instead of local varieties in his farm , introduced Onion as intercrop in Guava and he is earning annual income of **Rs. 492000/-**.



Mango+ Maize intercropping system



Farmer in his Mango field



Name of farmer: Shri Gurunath Sattenavar Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka
Age: 41
Education: SSLC
Size of land holding (in acre): 4.0 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	4	32	144000	88000
Field Crop 2	Sorghum	2	10	45000	30000
Field Crop 3	Wheat	1	5	21500	13000
Field Crop 4	Chickpea	1	10	30000	18000
Livestock 1	Cow (HF cross)	4	4680	117000	77000
Total				357500	226000

2) Status in 2020

Component Description		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	Groundnut (G2-52)	4	45	270000	214000	40.6	143.2
Field Crop 2	Sorghum (SPV-2217)	2	13	71500	56500	30.0	88.3
Field Crop 3	Wheat	1	7	33600	25100	40.0	93.1
Field Crop 4	Chickpea (Jaki-9218)	1	15	54000	42000	50.0	133.3
Livestock 1	Cow (HF cross)	4	6120	171360	131360	30.8	70.6
Total				600460	468960		107.5

Brief: The farmer used to get annual income of **Rs. 226000/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, pest & diseases management, marketing and reproductive disorder in animals etc. With DFI interventions like FLDs, OFT, Seed Production, Field visits, Trainings, Market linkage etc., he started growing **improved varieties of groundnut, sorghum and chickpea**. he is getting annual income of **Rs. 468960/-**.



OFT on Evaluation of groundnut varieties



Seed production of groundnut variety JL-1085



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Shankaragouda Shivanagouda Patil

Address: Astakatti, Tq. Kalaghatagi, Dt. Dharwad

Karnataka

Age: 53

Education: 2nd Std.

Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	140 ton	280000	160000
Field Crop 2	Paddy	2	20 Q	36000	20000
Field Crop 3	Greengram	2	8 Q	32000	18000
Livestock 1	Cow (Khilari)	1 No.	540 litre	11880	5800
Total				359880	203800

2) Status in 2020

Component Description		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	110	264000	204000	57.14	27.5
Field Crop 2	Paddy	2	38	209000	193000	90.0	865.0
Field Crop 3	Greengram	2	12	57600	39600	50.0	120.00
Field Crop 4	Soybean as intercrop in Arecanut	1	15	54000	39000	>100.0	>100.0
Field Crop 4	Maize	1	1530	42840	27840	>100.0	>100.0
Livestock 1	Cow (HF cross)	1	720	17280	9280	>100.0	>100.0
Total				644720	512720		151.5

Brief: The farmer used to get annual income of **Rs.203800/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, intercropping, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he started growing **high yielding varieties of paddy sugarcane and introduced soybean as intercrop in areca nut.** he is getting annual income of **Rs.512720/-**.



Introduction of new greengram variety



(IPM2-14) in paddy fallow



Name of farmer: Prakash Neelappa Balanagoudar

Address: Shirur, Tq. Navalgund, Dt. Dharwad Karnataka

Age: 45

Education: BA

Size of land holding (in acre): 12 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Green gram	1	6	31800	19600
Field Crop 2	Bengalgram	3	18	89000	53900
Field Crop 3	Cotton	2	28	129375	76875
Horti. crop 1	Onion	3	90	126000	55400
Horti crop 2	Guava	5	300	150000	100000
Livestock 1	Cow	1	4	26400	18500
Total				552575	324275

2) Status in 2020

Component Description		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	Green gram	1	8	40000	26500	33.33	35.20
Field Crop 2	Bengalgram	3	24	112500	74500	33.33	38.22
Field Crop 3	Cotton+ Peas	2	29	145000	110000	3.57	43.09
Horti. crop 1	Onion (Bhima Super)	3	210	315000	195000	133.33	251.99
Horti crop 2	Guava	5	350	375000	250000	16.67	150.00
Livestock 1	Cow	1	6	39600	22300	50.00	20.54
Other enterprise (Specify)	Fisheries	1	8	14900	12800	100	100
Total				1042000	691100		113.12

Brief: The farmer used to get annual income of **Rs. 324275/-** from agriculture , Horticulture crops and animal husbandry etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., he started growing **improved varieties of greengram, chickpea, onion, introduced cotton + peas intercrop and fisheries**, he is getting annual income of **Rs. 691100/-**.



Nutrient deficiency and pest incidence in guava orchard (Before DFI crops/system)



Rejuvenated guava orchard after INM and IPM practices (After DFI crops/system)



Name of farmer: Shri Virupakshappa B. Angadi Address:
Devikoppa, Tq. Kalaghatagi, Dt. Dharwad Karnataka
Age: 35
Education: PUC
Size of land holding (in acre): 8 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	5	210	420000	220000
Field Crop 2	Maize	1	25	30000	15000
Field Crop 3	Soybean	1	8	25600	15600
Horti. Crop 1	Green chilli	1	70	140000	115000
Livestock 1	Cow (HF)	2 No.	1170	29250	7250
Total				644850	372850

2) Status in 2020

Component Description		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	280	616000	431000	33.3	79.6	
Field Crop 2	Maize	1	28	42000	25500	12	70	
Field Crop 3	Chia (On lease)	1	3	93000	35000	100	>100	
Horti. Crop 1	Green chilli	1	100	250000	221500	42.9	92.6	
Livestock 1	Cow (HF)	2 No.	1620	56700	32700	38.5	351.0	
Other enterprise (Specify)*	Mahagony, Teak	20 plants each	Planted during 2019-20					
Total				1057700	745700	-	100	

Brief: The farmer used to get annual income of **Rs. 372850/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, intercropping, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like Field visits, Trainings, etc., he introduced **sugarcane, turmeric, pepper and guava** he is getting annual income of **Rs. 745700/-**.



Introduction of turmeric crop



Intercropping of mahagony and arecanut with pepper plantation



Name of farmer: Shri Shankar Mokashi
 Address: Mulamuttala, Tq. Dharwad, Dt. Dharwad
 Karnataka
 Age: 52
 Education: 10th
 Size of land holding (in acre): 6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	4	24	108000	73000
Field Crop 2	Greengram	2	10	45000	30000
Field Crop 3	Bengalgram	2	10	50000	32000
Total				203000	135000

2) Status in 2020

Component Description		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	Soybean	4	26	156000	112000	8.3	53.40
Horti Crop 1	Chrysanthemum	1	25	125000	75000	100	>100
Horti Crop 2	Tomato	0.5	60	60000	35000	100	>100
Horti Crop 3	Chilli	0.5	30	75000	60000	100	>100
Total				416000	282000		108.8

Brief: The farmer used to get annual income of **Rs.135000/-** from agriculture crops etc. With DFI interventions like Field visits, Soil test, Trainings, Advisory over phone call etc., he was enthusiastic to grow flower crops and vegetables, scientists guided him and he introduced **chrysanthemum, tomato and chilli** in his cropping system, by following integrated management practices which helped him to earn annual income of **Rs.282000/-**.



Scientist visit to chilli plot and farmer has installed yellow sticky trap for IPM



Farmer introduced Chrysanthemum flower crop and installed yellow sticky traps in field which is one of the best selling product of KVK, Dharwad



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Gurusiddappa Hubballi

Address: Rayapur, Tq.Hubballi, Dt. Dharwad

Karnataka

Age: 36

Education: B.A

Size of land holding (in acre): 18 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	32	134400	104400
Field Crop 2	Blackgram	4	12	54000	22000
Field Crop 3	Soybean	5	30	114000	59000
Field Crop 4	Sorghum	5	30	66000	28500
Field Crop 5	Wheat	3	18	36000	13500
Field Crop 6	Chickpea	10	50	215000	125000
Horti. Crop 1	Onion	5	250	250000	125000
Livestock 1	Buffalo	2	2340	58500	35500
Total				927900	512900

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	4	38	228000	193000	18.8	84.9
Field Crop 2	Blackgram	4	16	96000	61000	33.3	177.3
Field Crop 3	Soybean (Seed production DSb-21)	5	40	240000	180000	33.3	205.1
Field Crop 4	Sorghum	5	35	80500	40500	16.7	42.1
Field Crop 5	Wheat	3	24.5	51450	26450	36.1	95.9
Field Crop 6	Chickpea	10	75	322500	227500	50.0	82.0
Horti. Crop 1	Onion	4	280	336000	206000	40.00	64.8
Horti. Crop 2	Onion seed production (Bhima Super)	1	2.5	450000	385000	>100.0	>100.0
Livestock 1	Buffalo	2	2880	100800	77800	23.1	119.2
Total				1905250	1397250		172.4

Brief: The farmer used to get annual income of **Rs. 512900/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, intercropping, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like Field visits, Trainings, Advisory over phone call etc., **he started seed production activity of soybean and onion, also started growing improved varieties instead of local ones** and is getting annual income of **Rs 1397250 /-.**



Scientists visit to seed production plots of improved variety of Soybean (dsb-21)



Name of farmer: Shri Basavaraj Kanikoppa Address:

Managundi, Tq. & Dt. Dharwad Karnataka

Age: 30 Education:

9th

Size of land holding (in acre): 03 acres

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	1	360	64800	29,800
Horti. Crop 1	Mango	2	38	190000	155000
Total				254800	184800

2) Status in 2020

Component Description		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 (Changad)	1	410	73800	33800	13.89	13.42
Horti. Crop 1	Mango	2	86	473000	435000	126.32	180.65
Horti+ Flower Crop 1	Mango+Marigold	0.5	16	80000	45000	>100	>100
Total				626800	513800		178.03

Brief: The farmer used to get annual income of **Rs. 184800/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management etc With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, **he introduced Marigold crop as intercrop in Mango and by following integrated crop management in Sugarcane and Mango, he is earning annual income of Rs. 513800/-.**



Farmer in his mango orchard



Farmer introduced marigold crop in mango orchard



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Somashekar Kale

Address: Amboli Dt. Dharwad

Karnataka

Age: 55

Education: PUC

Size of land holding (in acre): 29 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	15	600	1320000	666050
Field Crop 2	Paddy	10	100	120000	20000
Horti. Crop 1	Mango	4	115	230000	135000
Livestock 1	Buffalo	2	1260	31500	9500
Total				1701500	830550

2) Status in 2020

Component Description		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 (Chandgad)	15	752	1880000	1265000	25.33	75.69
Field Crop 2	Paddy	10	125	187500	37500	25.00	87.50
Horti. Crop 1	Mango	4	150	360000	255000	30.43	88.89
Horti+ Field Crop 1	Mango+Maize	2	50	75000	52000	>100	>100
Livestock 1	Buffalo	2	2160	75600	51600	71.43	443.16
Total				2578100	1661100		100

Brief: The farmer used to get annual income of **Rs. 830550/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management etc With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, **he introduced Maize crop as intercrop in Mango and by following integrated crop management in Sugarcane and Mango, he is getting annual income of Rs 1661100/-.**





Name of farmer: Shri Arjun H. Kale
 Address:Kogilagere Dt. Dharwad Karnataka
 Age: 45 Education:
 PUC
 Size of land holding (in acre): 2.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Horti. Crop 1	Mango	2.5	58	116000	68000
Livestock 1	Buffalo	2	1440	36000	14000
Total				152000	82000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Mango	2.5	70	168000	116000	20.69	70.59
Horti+ Field Crop 1	Mango+Maize	2	42	63000	40000	>100	>100
Livestock 1	Buffalo	2	2160	75600	51600	50.00	268.57
Total				306600	207600		153.17

Brief: The farmer used to get annual income of **Rs. 82000/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management etc With DFI interventions like FLDs, OFT, Field visits, Trainings, *etc.*, **he introduced Maize crop as intercrop in Mango and by following integrated crop management in Mango**, he is getting annual income of **Rs 207600/-**.





Name of farmer: Shri Chandrashekar Patil
 Address: Tabakadahonnihalli Tq: Kalaghatagi Dt. Dharwad Karnataka
 Age: 58 Education: B.
 Com
 Size of land holding (in acre): 6acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	15	22500	7500
Horti. Crop 1	Arecanut	4	200	700000	500000
Livestock 1	Cow	4	2880	72000	23000
Total				794500	530500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2	25	45000	27000	66.66	260.00
Field Crop 2	Maize in paddy fallow	1	36	54000	36000	>100	>100
Horti. Crop 1	Arecanut	4	300	1500000	1150000	50	130.00
Livestock 1	Cow	4	4320	151200	99200	50	331.30
Total				1750200	1312200		147.3

Brief: The farmer used to get annual income of **Rs. 530500/-** from agriculture, horticulture crops and dairy animals. He faced problems like varietal selection, paddy fallow land utilization, weed management, nutrient deficiency and pest & diseases management etc. With DFI interventions like Field visits, Trainings, Phone calls *etc.*, he introduced **maize crop as paddy fallow crop, pepper as multi storied crop in arecanut and by following integrated crop management in arecanut** he is earning an annual income of **Rs.1312200/-**.





Name of farmer: Shri Shivaji S. Durannavar
Address: Shirur, Tq. Navalagund Dt. Dharwad
Karnataka
Age:41
Education: 8th
Size of land holding (in acre): 19 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	10	51	229500	131500
Field Crop 2	Chickpea	12	54	232200	130200
Field Crop 3	Sorghum	2	9.5	19000	9000
Horti. Crop 1	Onion	4	260	260000	202000
Horti. Crop 2	Guava	5	365	547500	423450
Total				1288200	896150

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	10	56	336000	235000	9.80	78.71
Field Crop 2	Chickpea (JG-11)	12	58	278400	174900	7.41	34.33
Field Crop 3	Sorghum (SPV-2217)	2	12	26400	14400	26.32	60.00
Horti. Crop 1	Onion (Bhima Super)	4	360	540000	479000	38.46	137.13
Horti. Crop 2	Guava (L-49)	5	475	950000	889000	30.14	81.61
Total				2130800	1792300		100

Brief: The farmer used to get annual income of Rs. **896150/-** from agriculture and horticulture crops. With interventions of KVK scientist's he started growing improved varieties of **Greengram (DGGV-2), Onion (Bhima Super), Chickpea (JG-11), Sorghum (SPV-2217) and Guava (L-49)**. As per the scientist's suggestions he followed integrated nutrient management and is getting annual income of **Rs.1792300/-**



Scientist visited Onion (Bhima Super) field



Farmer in his improved variety of chickpea (JG-11) field



Name of farmer: Doddappa M.Madar

Address: Shibharagatti, Tq. Dt. Dharwad Karnataka

Age: 36

Education: 5th

Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	10	45000	33500
Field Crop 2	Soybean	2	14	53200	22000
Field Crop 3	Groundnut	1	11.5	52900	39400
Field Crop 4	Chickpea	1	5	21500	12000
Field Crop 5	Sorghum	2	9.5	19000	7250
Field Crop 6	Wheat	2	11	22000	11500
Livestock-1	Buffalo	2	1260	37200	17800
Total				250800	143450

2) Status in 2020

Component Description		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	2	54	108000	83500	>100.0	>100.0
Field Crop 2	Soybean (DSb-21)	2	16.5	79200	64200	17.9	191.80
Field Crop 3	Sorghum (SPV-2217)	2	12	26400	14400	26.3	98.6
Field Crop 4	Wheat (UAS-304)	2	13	27300	13300	18.2	15.7
Horti. Crop 1	Dil	0.5	15	67500	55500	>100.0	>100.0
Horti. Crop 2	Coriander	0.5	18	81000	66000	>100.0	>100.0
Livestock-1	Buffalo	4	4320	172800	110300	242.9	519.7
Total				562200	407200		183.862

Brief: The farmer used to get annual income of Rs. 132950/- from agriculture , horticulture crops and animal husbandry . With interventions of KVK scientist's, **he was advised to replaced his crops with improved varieties like Soybean (DSb-21), Sorghum (SPV-2217), Wheat (UAS-304) and leafy vegetables like Coriander and Dil in his cropping system** and with proper animal health management, he is getting annual income of Rs. 407200/-.





Name of farmer: Shri Mallikarjunagouda Y. Kurahatti

Address: Shirur, Tq. Navalagund Dt. Dharwad

Karnataka

Age: 27

Education: PUC

Size of land holding (in acre): 20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	12	47.9	215550	99550
Field Crop 2	Chickpea	12	52.5	225750	123750
Field Crop 3	Sorghum	2	9.2	18400	8400
Field Crop 4	Wheat	1	5.5	8250	3750
Horti. Crop 1	Onion	3	211	211000	167000
Horti. Crop 2	Guava	5	304	456000	363755
Livestock 1	Buffalo	1	630	18900	7950
Total				1153850	774155

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	12	59.5	357000	256000	24.22	157.16
Field Crop 2	Chickpea (JG-11)	12	57.2	274560	171060	25.00	38.23
Field Crop 3	Sorghum (SPV-2217)	2	11.5	25300	13300	36.36	58.33
Field Crop 4	Wheat (UAS-375)	1	7.5	15750	10550	43.60	181.33
Horti. Crop 1	Onion (Bhima Super)	3	303	363600	319600	8.95	91.38
Horti. Crop 2	Guava (L-49)	5	388	776000	708000	27.63	81.07
Livestock 1	Buffalo	2	2400	96000	69980	281.0	648.4
Total				1908210	1548490		100.02

Brief: The farmer used to get annual income of Rs. 774155/- from agriculture, horticulture crops and animal husbandry etc. As per scientists suggestions, started growing **improved varieties like Greengram (DGGV-2, Onion (Bhima Super), Chickpea (JG-11), Sorghum (SPV-2217), Wheat (UAS-375) and Guava (L-49)** followed integrated nutrient management practices and he is getting annual income of Rs. **1548490/-**.



Farmer in his improved variety Chickpea (JG-11) field



Scientist farmer interaction in Guava (L-49) orchard



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Appanna Dabakkennavar
 Address: Shirur, Tq. Navalagund Dt. Dharwad
 Karnataka
 Age: 81 Education:
 No
 Size of land holding (in acre): 02acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8.2	36900	21300
Field Crop 2	Chickpea	2	9	38700	22500
Livestock 1	Buffalo	2	1440	36000	11200
Total				111600	55000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Ac)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Greengram (DGGV-2)	1	6.2	37200	28200	51.22	32.39
Field Crop 2	Chickpea (JG-11)	2	15.7	78500	61000	74.44	171.11
Horti.Crop 1	Onion (Bhima Super)	1	84	100800	82800	>100	>100
Livestock 1	Buffalo	2	2070	72450	46450	43.8	314.7
Total				288950	218450		297.18

Brief: The farmer used to get annual income of Rs. 55000/- from agriculture and animal husbandry *etc.* he was enthusiastic to grow improved varieties in his cropping system like Greengram (DGGV-2, Onion (Bhima Super) and Chickpea (JG-11) as per the scientist's suggestions he followed integrated crop management along with proper animal health management and he is getting annual income of Rs. 218450/-.



Farmer in his Onion (Bhima super) bulb production field



Scientists visited mechanical harvesting of improved variety of Greengram (DGGV-2) field



Name of farmer: Shri Mailaragouda S. Balanagoudra

Address: Shirur, Tq. Navalagund Dt. Dharwad Karnataka

Age:47

Education: 7th Std.

Size of land holding (in acre): 02 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	7.8	35100	20300
Field Crop 2	Chickpea	2	8.2	35260	18760
Total				70360	39060

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	1	4.9	29400	20400	25.64	0.49
Field Crop 2	Chickpea (JG-11)	2	10.5	50400	33400	28.0	78.0
Horti. Crop 1	Onion (Bhima Super)	1	75	90000	72000	>100	>100
Livestock 1	Buffalo	2	2070	72450	46450	43.8	314.7
Total				242250	172250		340.90

Brief: The farmer used to get annual income of Rs. **39060/-** from agriculture crops . He was unaware of improved varieties, faced nutrient deficiency in crops and pest and disease problems. Scientists approached him suggested to go for **improved varieties Greengram (DGGV-2), Onion (Bhima super) and Chickpea (JG-11) and introduced dairy component** in his cropping system and getting annual income of **Rs. 172250/-**.



Farmer in his improved variety of Chickpea (JG-11) field



Scientist visited demonstration plot of improved variety



Name of farmer: Shri Prakash Angadi
 Address: Hiregunjyal Tq. KundagolDt. Dharwad
 Karnataka
 Age:31
 Education: PUC
 Size of land holding (in acre): 5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	3	12.5	56250	36050
Field Crop 2	Sorghum	1	4.5	8100	3100
Field Crop 3	Chickpea	4	18	77400	47400
Field Crop 4	Cotton	2	11	49500	21500
Livestock-1	Buffalo	2	1260	31500	6700
Total				222750	114750

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	3	18	108000	85500	44.0	137.2
Field Crop 2	Cotton	1	8	44000	32000	45.5	48.84
Field Crop 3	Sorghum (SPV-2217)	1	5.6	12320	6320	24.4	103.9
Field Crop 4	Chickpea (JG-11)	4	24	108000	76000	33.3	60.3
Horti. Crop 1	Chilli (Dry chilli)	1	2.5	112500	82500	>100.0	>100.0
Livestock-1	Buffalo	2	2160	75600	49600	71.4	640.3
Total				460420	331920		189.3

Brief: The farmer used to get annual income of **Rs. 114750/-** from agriculture crops and animal husbandry etc. **With scientist's suggestions he started growing improved varieties Greengram (DGGV-2), Sorghum (SPV-2217), chickpea (JG-11) and Chilli (Dry chilli) in his cropping system,** followed the integrated nutrient and pest management and he is getting annual income of **Rs. 331920/-**.



Scientist visited chilli field and interacted with farmers



Farmer in his improved variety of Sorghum (SPV-2217)



Name of farmer: Shri Fakirappa Bhimappa Tigadi Address:
 Shirur, Dt. Dharwad
 Karnataka
 Age: 62
 Education: 2nd Std.
 Size of land holding (in acre): 4 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	8.1	36450	21650
Field Crop 2	Chickpea	4	20	86000	56000
Horti. Crop 1	Onion	2	168.2	168200	116100
Total				290650	193750

2) Status in 2020

Component Description		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	Cotton	2	16.8	92400	67900	>100	>100
Horti. Crop 1	Onion (Bhima Super)	1	98	117600	99600	16.53	-18.83
Horti. Crop 2	Onion seed production	1	1.9	285000	220000	>100.0	>100
Total				495000	387500		100

Brief: The farmer used to get annual income of **Rs. 193750** /- from agriculture crops. He was interested to he started cultivating improved variety of **Onion (Bhima Super)** in his field, started seed production in **Onion (Bhima Super)** and he is getting annual income of **Rs. 387500**/-.



Onion Bulb production in farmer's Field



Scientist interaction with farmer regarding integrated Pest



Name of farmer: Shri Keshav Katkar

Address: Mugali, Tq. Dharwad Dt. Dharwad
Karnataka

Age: 25

Education: PUC

Size of land holding (in acre): 1 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	1	4.5	22500	14500
Field Crop 2	Chickpea	1	4.20	18900	10400
Total				41400	24900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Horti. Crop 1	Tomato	0.5	45.75	45750	27750	>100.0	>100.0
Horti. Crop 2	Cabbage	0.5	130	136500	94500	>100.0	>100.0
Total				182250	122250		390.96

Brief: The farmer used to get annual income of Rs. **24900/-** from agriculture crops. He was interested to change his cropping system with other vegetables, With scientist’s suggestions, he started cultivating improved hybrids like **Cabbage and tomato** in his field and is getting annual income of Rs. **122250/-**.



Scientists visited and interacted with farmers in cabbage field



Scientists visited and interacted with farmers in tomato field



Name of farmer: Shri Veerupakshappa V. Latti Address:

Hebballi Tq. Navalagund Dt. Dharwad Karnataka

Age: 56

Education: 7th standard

Size of land holding (in acre): 15 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	31	139500	82500
Field Crop 2	Chickpea	4	22.5	96750	52750
Field Crop 3	Sorghum	4	20.5	41000	21000
Field Crop 4	Wheat	2	16	24000	5000
Horti. Crop 1	Onion	4	320	320000	232000
Total				621250	393250

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	6	36.5	219000	162000	17.7	96.4
Field Crop 2	Chickpea(JG-11)	4	28.5	128250	84250	26.7	59.7
Field Crop 3	Sorghum (SPV-2217)	4	35.5	78100	58100	73.2	176.7
Field Crop 4	Cotton	4	35.0	175000	102000	>100	>100
Horti. Crop 1	Onion Bhima super	4	400	600000	512000	25.0	120.7
Total				1200350	918350		133.52

Brief: The farmer used to get annual income of **Rs. 393250/-** from agriculture crops. **He used to grow local varieties which were of low yield, with scientist’s suggestions, he started cultivating improved varieties of field crops of Greengram (DGGV-2), Chickpea (JG-11), Sorghum (SPV-2217) and Onion (Bhima Super) in his field** and by following integrated crop management practices, he is getting annual income of **Rs. 918350/-**.



Farmer in his improved variety chickpea (JG-11) field



Scientist visited cotton field along with farmer



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Shivanagouda Mareppagouda

Address: Gumgol, Tq. Navalagund Dt. Dharwad Karnataka

Age: 36

Education: 9th standard

Size of land holding (in acre): 8 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	20.5	92250	54250
Field Crop 2	Cotton	2	12	48000	18000
Field Crop 3	Chickpea	4	18	77400	33400
Field Crop 4	Sorghum	2	15.5	31000	21000
Horti. Crop 1	Onion	2	188	188000	136925
Total				436650	263575

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	4	28.5	171000	131000	39.0	141.5
Field Crop 2	Cotton (Bt. Hy.)	2	16	72000	26000	33.3	44.4
Field Crop 3	Chickpea (JG-11)	4	28.5	128250	82250	58.3	146.3
Field Crop 4	Sorghum (SPV-2217)	2	19.5	42900	30900	25.8	47.1
Horti. Crop 1	Onion (Bhima super)	2	230	345000	257000	22.3	78.5
Total				759150	527150		100

Brief: The farmer used to get annual income of Rs. 263575/- from agriculture and horticulture crops. With scientist interventions like FLDs, OFT, Field visits, Trainings, etc., he started cultivating improved varieties Viz., Greengram (DGGV-2), chickpea (JG-11), Sorghum (SPV-2217) and onion (Bhima super) in his field and he is getting annual income of Rs. 527150/-.





Name of farmer: Shri Rajesh Kulkarni

Address: Bharadwad Tq. Kundagol Dt. Dharwad Karnataka

Age: 31

Education: B.E

Size of land holding (in acre): 4.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Foxtail Millets	2	8.5	25500	15500
Field Crop 2	Sorghum	1	4.2	8400	3400
Field Crop 3	Chickpea	1	5.25	22575	14575
Field Crop 4	Cotton	2	11	49500	26500
Livestock-1	Buffalo	2	1800	54000	31500
Total				159975	91475

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	12.5	75000	52500	100.0	100.0
Field Crop 2	Cotton (Bt. Cotton)	1	8	44000	32000	45.5	1920.507
Field Crop 3	Sorghum (SPV-2217)	1	5.6	12320	6320	33.3	85.9
Field Crop 4	Chickpea (JG-11)	1	6.5	29250	19250	23.8	32.1
Horti. Crop 1	Chilli (DC-1007)	1	2.5	112500	82500	100.0	100.0
Livestock-1	Buffalo	2	2160	75600	49600	20.0	57.5
Total				348670	242170		164.7

Brief: The farmer used to get annual income of **Rs. 91475/-** from agriculture and livestock. He used to get low yield using local varieties. With scientist's interventions, he was advised to replace the local varieties by cultivating improved varieties of **Greengram (DGGV-2), Cotton (Bt. Cotton), Sorghum (SPV-2217), Chickpea (JG-11) and chilli (DC-1007)** in his farm, followed by proper health management of livestock which fetched him annual income of **Rs. 242170/-**.





Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Suresh Neelannavar Address:
 Bagadageri Tq.Kalaghatagi Dt. Dharwad Karnataka
 Age: 42
 Education: B.A
 Size of land holding (in acre): 4.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2	810	145800	85800
Field Crop 2	Maize	2	42	63000	39000
Field Crop 3	Soybean	2	12	45600	23600
Livestock-1	Cow	2	1440	36000	11000
Total				290400	159400

2) Status in 2020

Component Description		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 (Changad)	2	980	245000	185000	21.0	115.6
Field Crop 2	Maize (Hy.)	2	55	99000	73000	31.0	87.2
Field Crop 3	Soybean (DSb-21)	2	16	72000	48000	33.3	103.4
Livestock-1	Cow	2	2160	64800	34800	50.0	216.4
Total				480800	340800		113.80

Brief: The farmer used to get annual income of **Rs.159400/-** from agriculture and livestock. With scientist's interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started cultivating improved varieties **Sugarcane (Changad), Soybean (DSb-21) and Maize (Hybrid)** in his farm, followed by proper health management of livestock, he is getting annual income of **Rs. 340800/-**.



Scientist and Dept. Official visited improved variety Soybean (DSb-21) field



Farmer in Maize field where he followed integrated crop management practices



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Malleshappa Bisirotti Address:

Hiregunjal, Tq. Kundagol, Dt. Dharwad Karnataka

Age: 49

Education: P.U.C

Size of land holding (in acre): 08 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	2	12.5	56250	26250
Field Crop 2	Groundnut	4	29	133400	61400
Field Crop 3	Sorghum	4	21	37800	7800
Horti. Crop 1	Chilli (<i>B. Dabbi</i>)	2	2.2	66000	21000
Livestock 1	Cow	2	1836	45900	37900
Total				339350	154350

2) Status in 2020

Component Description		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	Cotton (Hy.)	2	17.9	93080	58080	43.20	121.26
Field Crop 2	Groundnut (Organic Dh-256)	4	35	175000	131000	20.69	113.36
Field Crop 3	Sorghum (SPV-2217)	4	28	61600	31600	33.33	305.13
Horti. Crop 1	Chilli (Organic <i>B. Dabbi</i>)	2	2.7	148500	83500	22.73	297.62
Livestock 1	Cow	2	2016	70560	55560	9.80	46.60
Other enterprise	Vermicompost (used in his own land)		250	250000	222000	>100.00	>100.00
Total				798740	581740		276.90

Brief: The farmer used to get annual income of **Rs. 154350/-** from agriculture crops. With DFI interventions like Field visits, Trainings, Advisory over phone call, soil testing *etc.*, He was enthusiastic to grow organic seed production, with Scientists suggestions he started growing **organic seed production in Chilli (*B. Dabbi*) and Groundnut (Dh-256) and now he is certified organic producer.** He is earning an annual income of **Rs. 581740/-**.



Farmer in his Organic Chilli (*B. Dabbi*) production field



Farmer demonstrating Vermicompost production unit



Name of farmer: Shri Kallayya Hiremath Address:

Somapur, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 42 Education:

9th

Size of land holding (in acre): 04 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	2	10.5	52500	30500
Field Crop 2	Cotton	2	14.2	65250	41400
Field Crop 3	Chickpea	2	11.5	40250	24250
Total				158000	96150

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	13.75	82500	60500	57.14	98.36
Field Crop 2	Cotton+peas	2	19	114000	64000	78.40	54.59
Field Crop 3	Chickpea (JG-11)	2	14.3	64350	124500	59.88	413.40
Total				260850	249000		158.97

Brief: The farmer used to get annual income of **Rs.96150/-** from agriculture crops. Scientists recommended him to replaced his cropping system with improved varieties of **greengram (DGGV-2) and chickpea (JG-11)**, introduced **Peas as intercrop in Cotton**, he followed all the integrated management practices which owned him an annual income of **Rs.249000/-**.



Scientist interaction with the farmer regarding pest management in Cotton field



Scientist interaction with the farmer in cotton +Peas field



Name of farmer: Shri Subhash Halagatti
 Address: kogilagere
 Karnataka
 Age: 59
 Education: BA
 Size of land holding (in acre): 12 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	1740	313200	193200
Field Crop 2	Soyabean	2	13.4	50920	28920
Field Crop 3	Maize	2	27	40500	23500
Horti.Crop 1	Mango	6	187	187000	122000
Livestock 1	Cow	3	2322	58050	43050
Total				649670	410670

2) Status in 2020

Component Description		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 (Changad)	4	2440	536800	416800	40.23	115.73
Field Crop 2	Soybean (Dsb-21)	2	15.6	70200	48200	16.42	66.67
Field Crop 3	Maize (Hy.)	1	17	30600	17600	25.92	-25.11
Field Crop 4	Chia	1	2.75	110000	90000	>100.00	>100.00
Horti. Crop 1	Mango (Mango special spray)	6	270	337500	292500	44.39	139.75
Livestock 1	Cow	3	3186	95580	75580	37.21	75.56
Total				1180680	940680		129.06

Brief: The farmer used to get annual income of **Rs.410670/-** from agriculture and horticulture crops. **Scientists recommended him to grow improved varieties Sugarcane (Changad), Soyabean (Dsb-21), Maize (Hy.) and Chia,** he followed all the integrated crop management practices, he took up **mango special spray to Mango** which fetched him an annual income of **Rs. 940680/-**.



Scientists' demonstrating mango special spray



Farmer introduced super food chia crop in his farm

Name of farmer: Saibaba Arjunappa Anegundi Address: Belvatagi, Navalgund Tq, Dt. Dharwad Karnataka
Age: 56
Education: B.com
Size of land holding (in acre): 5.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Maize	1	20	30000	20000
Field Crop 2	Greengram	3	16.5	74250	41250
Field Crop 3	Bengalgram	3	18.5	83250	43250
Horti. Crop 1	Guava (L-49)	1	70	105000	75000
Total				292500	179500

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	2	14.2	63900	43900	29.09	6.42
Field Crop 2	Chickpea (JG-11)	2	13.5	67500	42500	9.45	-1.73
Horti. Crop 1	Guava (L-49)	1	98	176400	126400	40.00	68.53
Horti. Crop 2	Papaya (Taiwan Red Lady)	2	560	620480	420480	>100.00	>100.00
Livestock	Poultry	32 birds	2846 eggs	34152	28852	>100.00	>100.00
Total				962432	662132		268.88

Brief: The farmer used to get annual income of **Rs. 179500/-** from agriculture and horticulture crops. With interventions of KVK scientists, he started growing improved varieties like **Greengram (DGGV-2)**, **Chickpea (JG-11)**, **introduced papaya in his cropping system and poultry** followed all the management practices as suggested by the scientists, since his land is adjacent to highway he started marketing his own produce as well as eggs which fetched him annual income of **Rs. 662132/-**



Farmer in his Guava (L-49) Orchard



Backyard poultry farm in his farm



Farmer in his sales point



Name of farmer: Shri Arunkumar M. Vagennavar

Address: Kalle , Dt. Dharwad

Karnataka

Age:31

Education: PUC

Size of land holding (in acre): 10 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4.0	19 Q	79800	45800
Field Crop 2	Blackgram	3.0	10.0 Q	42000	16500
Field Crop 3	Cotton	3	16.5 Q	74250	38250
Field Crop 4	Wheat	4	22 Q	44000	14000
Field Crop 5	Chickpea	3	15 Q	64500	37500
Livestock -1	Cow	3	2295 lit.	57375	38375
Total				361925	190425

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	4	27 Q	162000	128000	42.11	179.48
Field Crop 2	Blackgram (DU-1)	3	24.5 Q	110250	84750	145.00	413.64
Field Crop 3	Cotton (Hy.)	3	20 Q	110000	44000	21.21	15.03
Field Crop 4	Wheat (UAS-375)	4	32 Q	67200	37200	45.45	165.71
Field Crop 5	Chickpea (JG-11)	3	25 Q	107500	80500	66.67	114.67
Livestock -1	Cow	4	3600 lit	108000	63000	56.86	64.17
Other Enterprise	Fisheries	1	8 Q	14900	12800	>100.0	>100.0
Total				679850	450250		136.44

Brief: The farmer used to get annual income of **Rs. 190425/-** from agriculture crops and livestock. With scientists interaction, **he was very receptive to replace the local varieties to improved varieties Greengram (DGGV-2), Blackgram (DU-1), Wheat (UAS-375) Chickpea (JG-11) in his farm which helped him to earn annual income of Rs. 450250/-.**



Farmer in his Cotton (Hy.) and Wheat (UAS-375)field



Farmer releasing fingerlings into farm ponds



Name of farmer: Shri Laxman Gadigeppa Morabad

Address: Chabbi, Tq. Dharwad, Dt. Dharwad

Karnataka

Age: 31

Education: 6th Std.

Size of land holding (in acre): 25.0 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	12 Ac.	4200 Q	792000	538500
Field Crop 2	Maize	10 Ac.	200 Q	228000	171000
Field Crop 3	Soybean	10 Ac.	60 Q	180000	122000
Field Crop 4	Sorghum	1 Ac.	4 Q	6800	4700
Horti Crop 1	Guava	2 Ac.	80 Q	91200	56500
Livestock 1	Cows	2 Nos.	720 Liters	14400	8350
Total				1312400	901050

2) Status in 2020

Component Description		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	12 Ac.	6000 Q	100000	1200000	42.86	67.11
Field Crop 2	Maize	4 Ac.	100 Q	160000	118800	25.00	64.44
Field Crop 3	Soybean	4 Ac.	32 Q	128000	89000	33.33	48.33
Field Crop 4	Chickpea	8 Ac.	40 Q	208000	141600	>100.00	>100.00
Field Crop 5	Sorghum	3 Ac.	18 Q	36000	26000	50.00	78.72
Field Crop 6	Little millet	3 Ac.	18 Q	45000	31500	>100.00	>100.00
Horti Crop 1	Guava	2 Ac.	120 Q	180000	122400	50.00	116.64
Livestock 1	Cows	4 Nos.	2160 Liters	43200	29000	50.00	50.30
Livestock 2	Buffaloes	3 Nos.	2700 Liters	67500	45000	>100.00	>100.00
Total				2367700	1803300		100.13

Brief: The farmer used to get annual income of **Rs. 901050/-** from agriculture, horticulture crops and Dairy. The interest to make use of technologies diverted him to KVK. Scientists encouraged him to take up **variety of crops with improved technologies**. The interventions like Field visits, Trainings, Advisory over phone call etc., helped him to earn an annual income of **Rs 1803300/-**.



Farmer in guava plot



Cattle shed and dry fodder storage unit



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Channabasappa N. Honde

Address: Shanawad Tq. Navalagund Dt. Dharwad

Karnataka

Age: 56

Education: B.E.

Size of land holding (in acre): 6 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	2	14 Q	44800	29050
Field Crop 2	Greengram	4	10 Q	45000	30000
Field Crop 3	Bengalgram	4	21 Q	105000	87000
Field Crop 4	Wheat	2	11 Q	27500	16000
Total				194800	162050

2) Status in 2020

Component Description		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	Bengalgram	2	18 Q	93600	77600	-14.3	-10.8
Field Crop 2	Soybean	4	32 Q	147200	125200	128.6	331.00
Field Crop 3	Mulberry	2	10 Q	350000	175000	>100.0	>100.0
Field Crop 4	Marigold	1	25 Q	125000	75000	>100.0	>100.0
Field Crop 5	Tomato	0.5	60 Q	60000	35000	>100.0	>100.0
Total				775800	487800		201.02

Brief: The farmer used to get annual income of **Rs. 162050/-** from agriculture and horticulture crops. He faced problems like varietal selection, weed management, nutrient deficiency, and pest & diseases management, etc. With DFI interventions like Field visits, Trainings, etc., he started improved **sericulture practices** in his field, started growing **horticultural crops like marigold and tomato** and he is getting annual income of **Rs. 487800 /-**.



Scientist and dept. officials visited Silkworm rearing unit and interacted with farmers



Scientist and dept. officials visited Marigold field interacted with farmers



Name of farmer: Shri Gangadhar M Tegur

Address: Pudakalakatti, Tq. Dharwad, Dt. Dharwad Karnataka

Age: 58

Education: 5th Std.

Size of land holding (in acre): 15 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut	5	24 Q	96000	46000
Field Crop 2	Soybean	6	25 Q	80000	38000
Field Crop 3	Greengram	4	18 Q	64800	24800
Field Crop 4	Sorghum	4	16 Q	28800	10800
Field Crop 5	Bengalgram	6	24 Q	115200	57200
Field Crop 6	Wheat	5	23 Q	80500	64500
Field Crop 7	Cow	1 No.	540 Lit.	13500	1500
Total				478800	242800

2) Status in 2020

Component Description		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	Groundnut (GPBD-4)	5	34 Q	153000	91000	41.67	97.83
Field Crop 2	Soybean (Dsb-21)	6	32 Q	144000	89000	28.00	134.21
Field Crop 3	Greengram (DGGV-2)	4	24 Q	156000	114000	33.33	359.68
Field Crop 4	Sorghum (SPV-2217)	4	20 Q	44000	22000	25.00	103.70
Field Crop 5	Bengalgram (Jaki-9218)	6	30 Q	156000	96000	25.00	67.83
Field Crop 6	Wheat (UAS-304)	5	26 Q	117000	95000	13.04	47.29
Livestock 1	Cow	2 No.	1440 Lit.	50400	24400	166.67	1526.67
Total				820400	531400		118.86

Brief: The farmer used to get annual income of **Rs. 242800/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, intercropping, pest & diseases management, and reproductive disorder in animals etc. With KVK interventions like FLDs, OFT, Field visits, Trainings, etc., **he introduced new varieties of groundnut, soybean, sorghum and bengalgram** and is getting annual income of **Rs.531400/-**



Demonstration of Bengalgram new variety Jaki-9218)



Field day on new variety of Sorghum (SPV-2217)



Name of farmer: Vijayendra Nadajoshi Address:
Parasapur, Kalgatagi
Karnataka
Age:52
Education:BA
Size of land holding (in acre): 10 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	4	1700 Q	306000	186000
Field Crop 2	Soybean	4	28 Q	106400	64400
Field Crop 3	Maize (after soybean)	4	60 Q	90000	56000
Horti crop	Mango	2	140 Q	140000	108000
Livestock 1	Cow	1	540 Ltr.	13500	2500
Total				655900	416900

2) Status in 2020

Component Description		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	4	2500 Q	500000	375000	47.06	101.61
Field Crop 2	Soybean (DSb-21)	3.5	38.5 Q	173250	129250	37.50	100.70
Horti crop	Okra (Arka Anamika)	0.5	22 Q	44000	13000	>100.00	>100.00
Field Crop 3	Maize (after soybean)	4	83 Q	149400	111400	38.33	98.93
Horti crop	Mango	2	210 Q	262500	222500	50.00	106.02
Livestock 1	Cow (Desi)	4	3600 Ltr.	126000	101000	566.67	3940.00
Total				1255150	952150		128.39

Brief: The farmer used to get annual income of **Rs. 416900/-** from agriculture, Horticulture and livestock . He faced problems like varietal selection, weed, nutrient deficiency in soil and animals, pest & diseases management etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., **he introduced okra as intercrop in mango and cultivated improved varieties of soybean and increased herd size of desi cows** in his farm and is getting annual income of **Rs. 952150/-**





Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Basappa Naikar Address: Shiur Tq.

Navalagund Dt. Dharwad Karnataka

Age: 60

Education: 10th Std.

Size of land holding (in acre): 14 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	6	28	120400	62400
Field Crop 2	Cotton	5	32	144000	69000
Field Crop 3	Chickpea	4	18	77400	47400
Field Crop 4	Sorghum	1	5	10000	5000
Field Crop 5	Wheat	2	8	12000	2500
Horti crop	Onion	1	62	62000	42000
Horti crop	guava	2	162	243000	219000
Total				668800	447300

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	6	36	216000	156000	28.6	150.0
Field Crop 2	Cotton	5	36	172800	95300	12.5	38.1
Field Crop 3	Chickpea (JAKI)	4	24	115200	83200	33.3	75.5
Field Crop 4	Sorghum	1	6	13200	7200	20.0	44.0
Field Crop 5	Wheat	2	10	21000	10000	25.0	300.0
Horti crop	Onion (Bhima super)	1	94	141000	119000	51.6	183.3
Horti crop	guava	2	230	460000	435000	42.0	98.6
Total				1139200	905700		102.5

Brief: The farmer used to get annual income of **Rs. 447300/-** from agriculture and Horti cropculture crops etc. He was lacking knowledge on varietal selection, weed management, intercropping, pest & diseases management, etc. After the DFI interventions like FLDs, OFT, Field visits, Trainings, etc., and by introducing new varieties of field crops and planted Guava(L-49) and **soil test based fertilizer application**, he is getting annual income of **Rs. 905700/-**.





Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Basayya Mantayyanavar

Address: Agadi, Tq. Hubballi, Dt. Dharwad Karnataka

Age: 33

Education: PUC

Size of land holding (in acre): 9 acre

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Soybean	3	21 Q	67200	37200
Field Crop 2	Cotton	3	30 Q	135000	89000
Field Crop 3	Greengram	2	10 Q	50000	27500
Field Crop 4	Wheat	5	30.5 Q	91500	49000
Livestock 1	Cow	1	1260 Lit.	44100	26100
Total				387800	228800

2) Status in 2020

Component Description		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	Chiya	1	2 Q	40000	30000	>100.0	>100.0
Field Crop 2	Cotton	6	51 Q	280500	72000	13.3	54.4
Field Crop 3	Sugarcane	2	850 Q	212500	152500	>100.0	>100.0
Field crop 4	Soybean	2	16 Q	72000	48000	14.3	29.0
Field crop 5	Wheat	2	16 Q	51200	34900	60.0	26.9
Hort Crop 1	Drumstick	2	100 Q	100000	50000	>100	>100
Livestock 1	Cow	2	3360 Lit.	117600	82600	25	58.24
Total				873800	470000		105.42

Brief: The farmer used to get annual income of Rs. **228800/-** from agriculture and animal husbandry etc. He faced problems like varietal selection, weed management, pest & diseases management, and reproductive disorder in animals etc. With DFI interventions like Field visits, Trainings, Advisory over phone call etc., **he introduced a new crop chia into his cropping system, started growing Drumstick as intercrop along with improved agricultural practices, he is getting annual income of Rs 470000 /-.**



Interaction with scientist in drumstick intercropping with soybean field



Name of farmer: Shri Malleshappa Dasagond
 Address: Shirkola, Navalgund Tq Dt. Dharwad
 Karnataka
 Age:37 Education:
 SSLC
 Size of land holding (in acre): 10 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	8	32 Q	134400	66400
Horti Crop 2	Onion	2	112 Q	112000	67000
Field Crop 3	Wheat	2	20 Q	40000	25000
Field Crop 4	Chickpea	6	30 Q	129000	75000
Livestock -1	Buffalo	2	2160 Lit.	75600	54600
Total				415400	288000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Producti on	Income
Field Crop 1	Greengram (DGGV-2)	8	48 Q	220800	150800	50.0	127.1
Horti Crop 2	Onion (Bhima Super)	2	150 Q	225000	169000	33.9	152.2
Field Crop 3	Wheat (UAS-375)	2	30 Q	66000	46000	50.0	84
Field Crop 4	Chickpea (JG-11)	6	42 Q	189000	129000	40.0	72
Livestock -1	Buffalo	2	2880 Lit.	115200	92200	33.3	68.9
Total				700800	587000		103.8

Brief: The farmer used to get annual income of **Rs. 288000/-** from agriculture crops and livestock. With KVK interventions like FLDs, OFT, Field visits, Trainings, *etc.*, he started growing improved varieties of greengram and onion instead of local varieties in his farm and he is earning annual income of **Rs. 587000/-**.



Scientist visit to Greengram seed production plot and interaction with the farmers



Effect of DFI intervention

Name of KVK: ICAR-KVK, Dharwad

Name of farmer: Shri Arun V Menasinkai

Address: Thirlapur, Navalgund Tq Dt. Dharwad Karnataka

Age:23 Education:

PUC

Size of land holding (in acre): 12 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Cotton	2	10 Q	45000	14000
Field Crop 2	Greengram	4	20 Q	90000	56000
Field Crop 3	Maize	4	130 Q	195000	114000
Field Crop 4	wheat	4	32 Q	137600	109100
Field Crop 5	Bengalgram	4	20 Q	96000	66000
Livestock -1	cow	4	4320 Lit.	129600	84600
Total				693200	443700

2) Status in 2020

Component Description		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	Cotton	2	14 Q	63000	32000	40.0	128.6
Field Crop 2	Greengram	2	16 Q	72000	55000	-20.0	-1.8
Horti crop 1	Onion	2	155 Q	186000	111000	>100.0	>100.0
Field Crop 3	Maize	4	170 Q	255000	210000	30.8	82.6
Field Crop 4	Wheat	4	32 Q	137600	129100	0.0	18.3
Field Crop 5	Bengalgram	4	32 Q	153600	123600	60.0	87.3
Livestock -1	cow	4	7200 Lit.	252000	227000	66.7	168.3
Total				1119200	887700		100.07

Brief: The farmer used to get annual income of **Rs. 443700/-** from agriculture crops and livestock. With KVK interventions like FLDs, OFT, Field visits, dairy Trainings, *etc.*, **he started growing improved varieties of greengram and chickpea instead of local varieties in his farm and he undergone dairy training from KVK, Dharwad and he is earning annual income of Rs. 887700/-.**



Farmers with his cotton and chickpea field



Name of farmer: Shri Parappa Kallappa Ganiger

Address: Shirkola, Navalgund Tq Dt. Dharwad

Karnataka

Age:40 Education:

SSLC

Size of land holding (in acre): 10 acres

1) Before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	4	20 Q	90000	56000
Field Crop 2	Maize	4	160 Q	192000	112000
Field Crop 3	Cotton	2	10 Q	45000	14000
Field Crop 4	wheat	1	5 Q	21500	13000
Field Crop 5	chickpea	1	10 Q	30000	21500
Livestock -1	Buffalo	4	4320 (Ltr)	151440	129600
Total				529940	346100

2) Status in 2020

Component Description		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	Greengram	6	45 Q	270000	238000	125.0	325.0
Field Crop 2	Maize	2	110 Q	165000	120000	-31.30	7.1
Field Crop 3	Cotton	2	13 Q	71500	36500	30.0	160.7
Field Crop 4	wheat	2	16 Q	76800	46800	220.0	260.0
Field Crop 5	chickpea	1.00	15 Q	54000	39000	100	81.4
Livestock -1	Buffalo	4	6480 Ltr.	198600	163600	50.0	26.2
Livestock -1	Poultry	100	1.8	36000	23000	>100	>100
Other enterprise	Vermicompost		150	75000	52000	>100	>100
Total				946900	718900		107.71

Brief: The farmer used to get annual income of **Rs. 346100** from agriculture crops and livestock. With KVK interventions like FLDs, OFT, Field visits, dairy Trainings, etc., he started growing improved varieties of greengram and chickpea instead of local varieties in his farm and he undergone dairy training from KVK, Dharwad and he is earning annual income of **Rs. 718900/-**.



Farmer with his dairy and maize field

Name of farmer: Shri Prabhugouda Patil Address:

Betadur, Kundagol Dt. Dharwad Karnataka

Age:

Education: B. A

Size of land holding (in acre): 20 acres



1) before intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Greengram	5	21.5 Q	96750	53250
Field Crop 2	Blackgram	15	60 Q	270000	150000
Field Crop 3	Chickpea	20	110 Q	473000	313000
Total				839750	516250

2) Status in 2020

Component Description		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	Greengram (DGGV-2)	5	38 Q	228000	183500	76.7	244.6
Field Crop 2	Blackgram (DU-1)	15	88 Q	484000	361000	46.7	140.7
Field Crop 3	Chickpea (JG-11)	20	140 Q	672000	510000	27.3	62.9
Total				1384000	1054500		104.3

Brief: The farmer used to get annual income of **Rs. 516250** /-- from agriculture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management, etc. With DFI interventions like FLDs, OFT, Field visits, Trainings, etc., Looking at his keen interest, Scientists suggested him to replace the local varieties with improved varieties, he followed the suggestions practiced integrated crop management practices which helped him to earn annual income of **Rs. 1054500**/--.



Scientists interaction with farmers and Demonstration of Greengram (DGGV-2)



Name of farmer: Shri Basavaraj Kundagol Address:

Marewad Tq & Dt. Dharwad

Karnataka

Age: 62

Education: BSc

Size of land holding (in acre): 36 acres

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.)
Field Crop 1	Greengram	6	25	112500	77500
Field Crop 2	Blackgram	10	50	225000	188500
Field Crop 3	Chickpea	16	64	288000	160000
Field Crop 4	Sorghum	6	30	75000	45000
Field Crop 5	Mango	5	-	-	-
Field Crop 6	Soybean	10	80	320000	200000
Field Crop 7	Cotton	5	40	180000	105000
Total				1200500	776000

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
Field Crop 1	Greengram (DGGV-2)*	2	13	130000	110500	-48.0	42.6
Field Crop 2	Blackgram (DU-1)*	15	90	900000	795000	80.0	321.8
Field Crop 3	Chickpea (JG-11)*	14	77	924000	756000	20.3	372.5
Field Crop 4	Sorghum	4	20	60000	32000	-33.3	-28.9
Field Crop 5	Mango	5	500	500000	380000	>100	>100
Field Crop 6	Soybean (DSb-21)*	11	132	990000	847000	65.0	323.5
Field Crop 7	Cotton	4	52	260000	200000	30.0	90.5
Total				3764000	3120500		302.13

Brief: The farmer used to get annual income of **Rs.776000/--** from agriculture crops. He faced problems like varietal selection, weed management, nutrient deficiency and pest & diseases management, etc. With DFI interventions like FLDs, Field visits, Trainings and participatory seed production etc., Looking at his keen interest, Scientists suggested him to replace the local varieties with improved varieties, he followed the suggestions practiced integrated crop management practices which helped him to earn annual income of **Rs. 3120500/-**.



Scientists visit to mango orchard



Field visit to snail affected blackgram field