



Effect of DFI intervention

Name of KVK: KVK, Ramanagara

Name of farmer: Nanjundaswamy, A. S. Address: Aralakuppoddi, Channapatna Karnataka

Age: 26

Education: B.A.

Size of land holding (in): 3.6

on

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.0	Grain 7.8 Straw 19.2	24720	11,150.00
Field crop 2	Navane	0.1	1.2	3000	1650.00
Hort. Crop 1	Mango	2.5	160	1520	116,000.00
Total	-	-	-	179720	128,800.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi (KMR-340)	1.0	Grain: 9.3 Straw:23.6	37770	20720.00	19.2	85.82
Field crop 2	Navane (DHFT-109-3)	0.1	1.8	5760	3910.00	50.0	136.96
Hort. Crop 1	Mango	2.5	183	315600	191600.0	14.3	65.17
Fodder crop 1	Fodder (inter crop in mango)	0.1	106	15000	8,700.00	>100	>100
Cows	Hallikar	2	1920	57600	44000.00	>100	>100
Total	-	-	-	431730	268930.0	-	108.79

Brief: The farmer used to get annual net income of Rs. 128800,00 from Ragi, Mango and Navane. He faced problems like Fruit fly, flower dropping , low price for mango due to distress selling of garden, low price for mango, neck blast in Ragi and less yield in Ragi and Navane. With KVK interventions like introduction of Ragi (KMR-340), Navane (DHFT109-3), integrated nutrient management in mango, addition of animal components, direct marketing of mango, processing and selling of ragi and navane, he is getting annual net income of Rs 268930 by adopting various improved agricultural practices.



Direct Marketing of Mango



Introduction of white ragi KMR340

Name of farmer: Mariyappa

Address: Mudenahalli, Kanakapura
Karnataka

Age: 82

Education: SSLC

Size of land holding (in): 4.5



1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice (JGL 1798)	0.25	Grain 16 Straw 33.6	35040.00	22540.00
Field crop 2	Ragi (Sharavathi local)	1	Grain 9.6 Straw 22.8	31440.00	17590.00
Hort. crop 1	Coconut	2	8200	106600.00	89400.00
Hort. crop 2	Guava	1	23.6	70800.00	58000.00
Livestock 1	Cattle	3	2247	49434.00	25705.00
Total	-	-	-	293314.00	213235.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)	Production(/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Rice (RNR 15048)	0.25	Grain 17.2 Straw 35.2	41064.00	27264.00	7.5	20.95
Field crop 1	Ragi (ML 365)	1	11.6 Straw 26.8	43820.00	27170.00	20.83	54.46
Hort. crop 1	Coconut	2	10900	174400.00	144600.0	32.92	61.74
Hort. crop 2	Guava	1	32.6	156480.00	121980.0	38.13	110.31
Hort. Crop 2	Banana (Intercrop in Coconut)	0.2	28	102400.00	61800.00	>100	>100
Livestock 1	Cattle	3	3325	83125.00	48212.0	47.97	87.55
Total	-	-	-	601289.00	431026.0	-	102.13

Brief: The farmer used to get annual net income of Rs. 213235.00 from Rice , Ragi, Coconut, Guava and Cattle . He faced problems like low yield in guava and coconut due to improper nutrient management, damage in guava due to fruitfly. With KVK interventions like Introduction of improved variety of Rice RNR 15048 , Introduction of Multicut fodder sorghum variety CoFS-31, Ragi variety ML365 and integrated crop management in Coconut, Guava and Banana and balanced ration feeding in dairy animals, he is getting annual net income of Rs. 431026.00 from his farm by adopting integrated farming technologies.



Field visit to CoFS-31



Field day on Sesamum



Name of farmer: Puttaraju, L.

Address: Kalari, Magadi

Karnataka

Age: 41

Education: PUC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Ragi	2	Grain 21.2 Straw 46.3	69680.00	39080.00
Hort. Crop 1	Arecanut	1	5	140000.00	108000.00
Hort. Crop 2	French Bean	0.2	12.35	30875.00	15725.00
Hort. Crop 3	Coconut	0.2	6.66 (De husked)	17333.00	10533.00
Livestock 1	Cattle	4	10480	220080.00	114441.00
Total	-	-	-	477968.00	287779.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field crop 1	Ragi	2	Grain 24.6 Straw 58.3	93295.00	57595.00	16.03	47.37
Hort. Crop 1	Arecanut	1	6.8	238000.00	196000.0	36.0	81.48
Hort. Crop 2	French Bean	0.2	15.25	38125 .00	23475.00	23.48	49.28
Hort. Crop 3	Coconut	0.2	7.36 (De husked)	26496.00	18196.00	10.51	72.75
Livestock 1	Cattle	8	23680	544640.0	299552.0	125.95	161.75
Total	-	-	-	940556.00	594818.0	-	106.69

Brief: The farmer used to get annual net income of Rs. 287779 from Ragi, Arecanut, French Bean, Coconut and Cattle. He faced problems like neck blast in Ragi, Rhinoceros beetle in coconut, nutrient deficiency in Arecanut, diseases in French bean, lack of knowledge on diversified fodder crops, high feed cost and low milk yield. With DFI interventions like introduction of disease resistant French bean variety (Arka sharath), demonstration of INM in Arecanut and Coconut, introduction of diversified fodder crops (CoFS-31, Lucerne, Fodder oats, Hedge Lucerne), silage, Azolla and balanced ration feeding for cattle, he is getting annual net income of Rs. 594818.



Arecanut - Integrated
Nutrient Management



Introduction of multicut fodder
sorghum (CoFS-31)



Balanced feed management for
dairy cattle



Name of farmer: Ashok
Address: Jalamangala, Ramanagara
Karnataka
Age: 32
Education: SSLC
Size of land holding (in): 4.30

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	1	3	7,000	4,000
Hort. Crop 1	Mango	3.30	130	2,00,000	50,000
Total	-	-	-	2,07,000	54,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram	1	4.5	10,000	7,000	50	75
Hort. Crop 1	Mango	3.30	200	4,50,000	2,25,000	53.84	350
Other enterprise (Honey)	Beekeeping (Additional)	35	2.5	1,00,000	75,000	>100	>100
Total	-	-	-	5,60,000	3,07,000	-	468.51

Brief: The farmer used to get annual net income of Rs. 54,000 from Redgram and Mango. He faced problems like Wilt and Mosaic disease in Redgram and Mango hoppers, powdery mildew disease and lack of knowledge on scientific beekeeping. With KVK interventions like Introduction of high yielding var. Redgram BRG-5, Direct marketing of Mango and participation in skill development training on “Beekeeping”, he is getting annual net income of Rs. 3,07,000 from the production of Redgram, Mango and Beekeeping .



Beekeeping unit



Practice of INM in mango



Name of farmer: Mahesh
Address: Kannamangala, Channapatna
Karnataka
Age: 31
Education: II PUC
Size of land holding (in): 06

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	6.5	19,500	4,500
Field Crop 2	Redgram	1	3.2	16,000	4,600
Hort. Crop 1	Mango	4	200	3,00,000	2,00,000
Total	-	-	-	3,35,500	2,09,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	8	25,600	6,200	23.07	37.77
Field Crop 2	Redgram	1	4.2	21,050	9,200	31.25	100.00
Hort. Crop 1	Mango	4	250	8,00,000	7,00,000	25.00	250.00
Total	-	-	-	8,46,650	7,15,400	-	242.13

Brief: The farmer used to get annual net income of Rs. 2,09,100 from Ragi, Redgram and Mango. He faced problems like neck blast in Ragi, Wilt and Mosaic disease in Redgram, Mango hoppers, powdery mildew disease in Mango. With KVK interventions like Seed treatment with bio agents and bio fertilizers in Ragi, Introduction of Redgram var. BRG-5 , Integrated crop management and Direct marketing in Mango, he is getting annual net income of Rs. 7,15,400 from Ragi, Redgram and Mango.



Direct Marketing of Mango



Cultivation of Redgram var. BRG-3



Name of farmer: Vasu B C
Address: Bilagumba, Ramanagara
Karnataka
Age: 54
Education: SSLC
Size of land holding (in): 8

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2	12	36,000	8,200
Hort. Crop 1	Mango	6	220	4,20,000	2,40,000
Total	-	-	-	4,56,000	2,48,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2	16.5	52,800	11,200	37.50	36.58
Hort. Crop 1	Mango	6	340	19,50,000	12,30,000	54.54	412.50
Total	-	-	-	20,02,800	12,41,200	-	400.08

Brief: The farmer used to get annual net income of Rs. 2,48,200 from Ragi and Mango. He faced problems like neck blast in Ragi, powdery mildew, fruit fly damage, spongy tissue in Mango. With KVK interventions like ICM practices in Ragi & Mango and direct marketing, he is getting annual net income of Rs. 12,41,200 from the production of Ragi and Mango.



Evaluation of the fruit quality after mango special spray



Direct sale of Mango through Agriwar unit, Bangalore



Name of farmer: Krishnegowda B
Address: Thimmasandra, Channapatna (T)
Karnataka
Age: 46
Education: B. A.
Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2.5	9,594	1,53,504	1,04,304
Hort. Crop 2	Tomato	0.5	101.46	1,21,752	71,022
Hort. Crop 3	French Bean	0.5	22.7	49,940	22,700
Hort. Crop 4	Baby corn	0.5	12.1	12,100	6,000
Total	-	-	-	3,37,296	2,04,026

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	2.5	12,915	2,58,300	2,15,250	34.61	106.36
Hort. Crop 2	Tomato	0.5	143.76	2,01,264	1,29,38	41.69	81.78
Hort. Crop 3	French Bean	0.5	30.5	85,400	51,850	34.36	128.41
Hort. Crop 4	Baby corn	0.5	17.5	21,500	14,500	44.62	141.66
Total		-	-	5,66,464	4,10,984	-	101.43

Brief: The farmer used to get annual net income of Rs. 2,04,026 from Coconut, Tomato, French Bean and Baby corn. He faced problems like rhinoceros beetle and stem bleeding in Coconut, early blight and fruit borer in Tomato, Aphids and pod borer in French bean and Fall army worm in Baby corn. With DFI interventions like application of Bio fertilizers for improvement of soil structure, Spraying of Vegetable special, installation of blue and yellow sticky traps for management of whitefly and thrips, and installation of pheromone traps for the management of Rhinoceros beetle, fruit borer and American pin worm, he is getting annual net income of Rs. 4,10,984 in from the production of Coconut, Tomato, French Bean and Baby corn.



Training program on ICM in Tomato



Method Demonstration for rat control in coconut field



Name of farmer: Sampath
Address: kalya, Magadi
Karnataka
Age: 40
Education: Degree
Size of land holding (in): 2.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1	5.18	1,42,000	92,500
Hort. Crop 2	Turmeric	0.25	0.04	17,000	11,500
Livestock 1	Sheep and Goat	4	244	67,600	45,600
Total	-	-	-	226600	149600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Arecanut	1	7.92	2,35,000	1,90,500	52.89	105.94
Hort. Crop 2	Turmeric	0.25	0.08	37120	30920	100.0	168.86
Livestock 1	Sheep and Goat	12	456	1,13,000	85,000	86.88	86.40
Total	-	-	-	385120	306420	-	104.82

Brief: The farmer used to get annual net income of Rs. 149600 from Arecanut, Turmeric, Sheep and Goat. He faced problems like Button shedding, Budrot, Rhizome rot, low soil fertility. With KVK interventions like Micro nutrients and Bio-fertilizer application in Arecanut, integrated nutrient management in turmeric an intercrop in Arecanut, Feed management practices in Sheep and Goat and vermicompost preparation after participation in skill trainings from KVK helped him to get annual net income of Rs. 306420 in the production of Arecanut, Turmeric, Sheep and Goat.



Feed Management in

Sheep and Goat



Arecanut Field



Name of farmer: Nirmala

Address: Kalya, Magadi

Karnataka

Age: 39

Education: SSLC

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1.5	5.98	1,50,500	99,500
Hort. Crop 2	Coconut	1.0	3800	40,000	29,600
Livestock 1	Buffalo	2	1400	34,550	19,550
Total	-	-	-	2,25,050	1,48,650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Arecanut	1.5	7.12	1,78,920	1,37,920	19.06	38.61
	Redram,		15	45,000	38,000	>100.0	>100.0
	Field Bean (as Intercrop)		66	46,200	38,500	>100.0	>100.0
Hort. Crop 2	Coconut	1.0	4440	50,000	43,600	16.84	47.29
	Tomato (as Intercrop)		250	1,20,000	90,000	>100.00	>100.00
Livestock 1	Jersey	2	4800	1,15,200	80,200	>100.00	>100.0
Total	-	-	-	5,55,320	4,28,220	-	188.07

Brief: The farmer used to get annual net income of Rs. 1,48,650 from Arecanut, Coconut and Dairy enterprise. She faced problems like split nut in Arecanut and lower yield in coconut due to various nutrient deficiencies. With KVK interventions like Intercropping in Arecanut to get additional income, INM practices with vermicompost and she purchased Jersey and sold Buffaloes and adopted scientific dairy management practices using Fodder crops (CoFS-31, Lucerne, Azolla), she is getting annual net income of Rs. 4,28,220 from intercrops in Arecanut and Dairy enterprise.



INM practice in Arecanut field



Intercropping in Arecanut field



Name of farmer:Muguregowda
Address:Thimmasandra, Channapatna (T)
Karnataka
Age: 48
Education: SSLC
Size of land holding (in): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	0.5	1.45	7,250	4350
Field Crop 2	Ragi	1.0	7.5	18,750	10250
Hort. Crop 1	Coconut	2.5	10,086	1,41,204	92004
Hort. Crop 2	Tomato	1.5	316	3,31,800	169800
Total	-	-	-	499004	276404

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N o	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram	0.5	2.1	12,600	8,400	44.82	93.10
Field Crop 2	Ragi	1.0	10.5	33,600	21,000	40	104.87
Hort. Crop 1	Coconut	2.5	13530	2,43,540	2,00,490	34.14	117.91
Hort. Crop 2	Tomato	1.5	395	5,22,000	3,48,000	25	104.94
Total	-	-	-	811740	5,77,890	-	109.07

Brief: The farmer used to get annual net income of Rs. 2,76,404 from Redgram, Ragi, Coconut and Tomato. He faced problems like wilt and sterility mosaic disease in Redgram, neck blast in Ragi, low yield in Coconut due to rhinoceros beetle and rats incidence and Tomato due to early blight, pin worm and fruit borer. With DFI interventions like Introduction of high yielding and disease resistance variety in Redgram var. BRG-5, ICM in Ragi and IPDM in Coconut and Tomato, he is getting an annual net income of Rs. 5,77,890 from the production of Redgram, Ragi, Coconut and Tomato.



Trap installation in Tomato field



Off campus training in coconut field



Name of farmer: Chandrayya
Address: Halasabele, Magadi
Karnataka
Age: 55
Education: PUC
Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	0.5	4.8 Straw 11.0	15640	8715
Field Crop 2	Redgram	0.5	1.8	10080	3880
Field Crop 3	Field Bean	0.5	4.8	8,640	4,141
Hort. Crop 1	Mango	1.5	50	45,000	28,000
Hort. Crop 2	Arecanut	100	1.9	45,000	35,000
Hort. Crop 3	Coconut	20	2300	25,300	18,300
Total	-	-	-	149660	98036

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi	0.5	5.8 Straw 13.0	23120	14795	20.83	69.76
Field Crop 2	Redgram	0.5	2.5	15,500	8,700	38.88	124.22
Field Crop 3	Field Bean	0.5	6.6	13,200	7,900	37.5	90.77
Hort. Crop 1	Mango	1.5	69	1,03,500	68,500	38.0	144.64
Hort. Crop 2	Arecanut	100	2.35	89,300	67,300	23.6	92.28
Hort. Crop 3	Coconut	20	2840	45,448	39,440	23.47	115.51
Total	-	-	-	290068	206635	-	110.77

Brief: The farmer used to get annual net income of Rs. 98036 from Ragi, Redgram, Field Bean, Mango, Arecanut and Coconut. He faced problems like low yield in Ragi, Redgram, Field Bean, Arecanut, Mango and Coconut. With KVK interventions like ICM in Ragi and ICM and IPDM practices in Redgram, Field Bean, Arecanut, Coconut and Mango and participation in various trainings , he is getting annual net income of Rs. 206635 from the production of Ragi, Redgram, Field Bean, Mango, Arecanut and Coconut.



Field day on Field Bean var. HA-4



INM practice in Arecanut field



Name of farmer: Jayakumar K J
Address: Komanahalli, Channapatna
Karnataka
Age: 30
Education: B.A.
Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	50	3250	35750	19,250
Hort. Crop 2	Tomato	0.5	95	114000	65000
Livestock 1	Jersey/HF	3	5050	126250	50,500
Total	-	-	-	276000	134750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Coconut	50	4500	76500	61500	38.46	219.48
Hort. Crop 2	Tomato	0.5	120	168000	103000	26.31	58.46
Hort. Crop 3	GLV as intercrop in coconut	0.5	7.5	30000	17500	>100	>100
Livestock 1	Jersey/HF	3	7660	229800	130,220	51.6	157.86
Total	-	-	-	504300	312220	-	131.70

Brief: The farmer used to get annual net income of Rs. 134750 from Coconut, Tomato and Dairy enterprise. He faced problems like Pest and disease management in tomato, Coconut and low yield in milk. With KVK interventions like training on organic farming, FOCT training in Coconut management, Micro irrigation ASCI training and introduction of improved Fodder variety such as CoFS-31, hedge Lucerne and different types napier under grasses, silage and other consultancy services, he is getting annual net income of Rs. 312220 from the production of Coconut, Tomato, GLV and Dairy enterprise.



Field day on fodder var. CoFS-31



Demonstration on Silage preparation



Name of farmer: Chandrashekar

Address: Hosapalya, Magadi

Karnataka

Age: 38

Education: SSLC

Size of land holding (in): 3.00

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	1	3.5	19,250	8,770
Field Crop 2	Ragi	1	6.5	19,500	3,000
Hort. Crop 1	Banana (G-9)	1	493.6	3,52,000	2,51,200
Total	-	-	-	3,90,750	2,62,970

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Redgram (BRG-3)	1	4.6	27,600	16,400	31.40	87.00
Field Crop 2	Ragi	1	8.0	25,600	8,100	23.07	170.00
Hort. Crop 1	Banana (G-9)	1	678.7	6,78,700	5,43,700	37.50	116.44
Total	-	-	-	7,31,900	5,68,200	-	116.07

Brief: The farmer used to get annual net income of Rs. 2,62,970 from Redgram (BRG-1), Ragi and Banana (G-9). He faced problems like Fusarium wilt and pod borers damage in Redgram, neck blast in Ragi, bunchy top disease and nutrient deficiency in Banana. With KVK interventions like Introduction of resistant Redgram var. BRG-3 and Pulse Magic, Integrated nutrient and disease management in Ragi, Introduction of Banana special (Micro nutrient mixture) and integrated management in Banana., he is getting annual net income of Rs. 5,68,200 from the production of Redgram (BRG-3), Ragi and Banana (G-9).



Redgram BRG-3



Spraying of Banana special



Name of farmer: Mahadev
Address: Thattekere, Kanakapura
Karnataka
Age: 37
Education: ITI
Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	2	6.0	33,000	11,400
Field Crop 2	Ragi (GPU-28)	3	21	63,000	13,500
Hort.Crop 1	Banana (Yelakki)	2	206	2,47,200	1,42,200
Total	-	-	-	3,43,200	1,67,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Redgram (BRG-3)	2	10	60,000	34,720	66.66	204.56
Field Crop 2	Ragi (KMR-340)	3	25.5	91,800	36,300	21.42	168.88
Hort. Crop 1	Banana (Yelakki)	2	270	3,78,000	2,74,500	31.06	93.04
Total	-	-	-	5,29,800	345520	-	106.77

Brief: The farmer used to get annual net income of Rs. 1,67,100 from Redgram (BRG-1), Ragi (GPU-28) and Banana (Yelakki). He faced problems like Fusarium wilt and sterility mosaic disease in Redgram, Low yield and less market preference in Ragi and Panama wilt in Banana. With KVK interventions like Introduction of resistant var. (BRG-3) and Pulse Magic, Introduction of White Ragi var. KMR-340 and Integrated crop management in Banana, he is getting annual net income of Rs. 345520 from the production of Redgram (BRG-3), Ragi (KMR-340) and Banana (Yelakki).



Pulse Magic in Redgram var. BRG-3



White Ragi KMR-340



Name of farmer: Maruthi
Address: Doddasomanahalli, Magadi
Karnataka
Age: 31
Education: B.Com
Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	1	3500	35,000	29,600
Hort. Crop 2	Chrysanthemum	1	9.2	85,000	55,000
Livestock 1	Jersey	2	2,745	53,880	38,880
Total	-	-	-	1,73,880	1,23,480

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Coconut	1	4040	45,000	33,600	15.43	13.51
Hort. Crop 2	Banana	1	550	3,30,000	2,50,000	>100	>100
Livestock 1	Jersey	2	3,570	89,950	54,950	30.05	41.33
Other enterprise (Specify)	Tractor	1	728 (Yearly)	5,10,000	3,30,000	>100	>100
Total	-	-	-	9,74,950	6,68,550	-	441.4

Brief: The farmer used to get annual net income of Rs. 1,23,480 from Coconut, Chrysanthemum flowers and Dairy. He faced problems like rhinoceros beetle and stem bleeding in Coconut, increase in cost of cultivation in flower and feed cost for cows. With KVK interventions like demonstration of INM in Coconut, fertigation in Banana by replacing flower crop, growing fodders (CoFS-31, DHN-6, CO-3) for cows, participation in tractor operator training under ASCI., he is getting annual net income of Rs. 6,68,550 from the production of Coconut, Banana, Dairy and hiring charges for tractor services.



Banana crop



Field day on Coconut



Name of farmer: Vijay K J
Address: Kalya, Magadi
Karnataka
Age: 26
Education: M.Com
Size of land holding (in): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	3	80	96,400	46,700
Hort. Crop 2	Rose	1	9.5	76,000	37,600
Livestock 1	Cows	3	3840	1,03,680	43,700
Total	-	-	-	2,76,080	1,28,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Mango	3	130	1,95,500	97,900	62.50	109.63
Hort. Crop 2	Rose	1	13.5	1,41,750	76,300	42.10	102.92
Livestock 1	Cows	3	5520	1,87,200	93,600	43.7	114.18
Total	-	-	-	5,24,450	2,67,800	-	109.21

Brief: The farmer used to get annual net income of Rs. 1,28,000 from Mango, Rose and Dairy. He faced problems like powdery mildew, leaf hoppers and fruit fly in Mango, dieback and thrips in Rose and improper fodder management in cows. With KVK interventions like installation of fruit fly trap and spraying of Mango special in Mango, micro nutrient and Neem soap sprays in Rose and introduction of high protein content forage crops, he is getting annual net income of Rs. 2,67,800 from the production of Mango, Rose and Dairy.



Observation of Thrips affected rose plot before intervention



Officials visit to Rose field



Name of farmer: Krishnappa
Address: Jogipalya, Magadi
Karnataka
Age: 55
Education: SSLC
Size of land holding (in): 3.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.5	9.75	24,375	11,900
Hort. Crop 1	Chrysanthemum	0.5	12	66,500	36,200
Hort. Crop 2	Tomato	0.5	70	56,200	24,550
Hort. Crop 3	Brinjal	0.5	36	32,450	16,650
Total	-	-	-	1,79,525	89,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N o	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.5	13.25	43,060	23,100	35.89	94.11
Hort. Crop 1	Chrysanthemum	0.5	18	1,35,250	76,850	50.0	112.29
Hort. Crop 2	Tomato	0.5	105	1,05,150	51,800	50.0	110.99
Hort. Crop 3	Brinjal	0.5	52	56,300	34,100	44.44	104.80
Total	-	-	-	3,39,760	1,85,850	-	108.11

Brief: The farmer used to get annual net income of Rs. 89,300 from Ragi, Chrysanthemum flowers, Tomato and Brinjal. He faced problems like less yield in Ragi, Thrips and bud borer in Chrysanthemum, bacterial wilt and early blight in Tomato and shoot and fruit borer in Brinjal. With KVK interventions through trainings and consultancies on proper use of fertilizers, use of sticky traps and pheromone traps, he is getting annual net income of Rs. 1,85,850 from the production of Ragi, Chrysanthemum flowers, Tomato and Brinjal.



Field visit to Chrysanthemum plot



Field view of Brinjal plot

Effect of DFI intervention

Name of KVK: KVK, Ramanagara

Name of farmer: Kumarswamy H K

Address: HHG Palya, Magadi

Karnataka

Age: 38

Education: PUC

Size of land holding (in): 3.5



1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	Grain 22 Straw 53.6	41040.00	26240.00
Field crop 2	Ragi	1	10.6 Straw 25.8	34840.00	19540.00
Field crop 3	Cowpea	0.2	1.5	5250.00	2660.00
Hort. crop 1	Coconut	2	8800	123200.00	90700.00
Livestock 1	Cattle	3	2864	60144.00	31274.00
Total	-	-	-	264474.00	170414.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Rice	1	Grain 25.2 Straw 62.2	58400.00	42200.00	14.5	60.8
Field crop 1	Ragi	1	Grain 12.6 Straw 29.28	49260.00	32360.00	18.8	65.6
Field crop 3	Cowpea	0.2	2	9000.00	5400.00	33.3	103.01
Field crop 4	Field bean	0.2	6.8	13600.00	8300.00	>100	>100
Hort. crop 1	Coconut	2	10850	173600.00	151600.00	23.2	67.1
Livestock 1	Cattle	3	3325	83125.00	49875.00	16	59.47
Livestock 2	Sheep	10	3	105000.00	55000.00	>100	>100
Total	-	-	-	491985.00	344735.00	-	102.29

Brief: The farmer used to get annual net income of Rs. 170414.00 from Rice, Ragi, Coconut, Cowpea and Cattle . He faced problems like low yield in Coconut, Ragi and Rice due to nutrient deficiencies and indiscriminate use of fertilizers and poor crop quality due to pest and diseases. With KVK interventions like Introduction of improved variety of rice RNR 15048 , Introduction of Fodder variety CoFS-31, Field bean (HA-4), Ragi variety MR-6 and integrated crop management in coconut, compost preparation and balanced rationing in dairy cattle through consultancies and trainings, he is getting annual net income of Rs. 344735 from various interventions.





Name of farmer: Vijya Kumar, S
Address: Aralakuppe, Magadi
Karnataka
Age: 35
Education: BA
Size of land holding (in): 2.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	Grain 10.6 Straw 25.6	34800.00	21000.00
Field crop 2	Field bean	0.2	4.6	9200.00	4800.00
Hort. crop 1	Coconut	1	3600	50400.00	36600.00
Hort. Crop 2	Beans	0.2	11.32	28300.00	19700.00
Livestock 1	Cattle	2	2734	57414.00	31577.00
Total	-	-	-	180114.00	113677.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field crop 1	Ragi	1	13.6 Straw 32.8	51720.00	34900.00	28.3	66.5
Field crop 2	Field bean	0.2	7.2	15848.00	8248.00	56.5	71.8
Hort. crop 1	Coconut	2	5040	80640.00	55840.00	40.0	52.56
Livestock 1	Cattle	2	3344	83600.00	50160.00	22.3	58.8
Livestock 2	Goats	40	8.8	334400.00	94400.00	>100	>100
Total	-	-	-	491985.00	243548.00	-	114.2

Brief: The farmer used to get annual net income of Rs.113677.00 from Ragi, Coconut, Field bean, Beans and Cattle. He faced problems like low yield in Coconut, Ragi and Field bean due to nutrient deficiencies and indiscriminate use of fertilizers and poor crop quality due to pest and diseases. With KVK interventions like Introduction of improved variety of Ragi (MR-6), Field bean (HA-4), Fodder variety CoFS-31, Lucerne, Hedge lucerne, Azolla and Silage preparation with maize and integrated crop management in Coconut and balanced rationing in Cattle and Goats through trainings and consultancies, he is getting annual net income of Rs. 243548 from integrated farming technologies.



Goats



Silage preparation



Name of farmer: Prasheela
Address: Keremegaladoddi, Kanakapura
Karnataka
Age: 40
Education: SSLC
Size of land holding (in): 1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Sharawathi)	0.5	5.2	14560	5560
Field Crop 2	Groundnut (Local)	0.5	3.00	13500	7500
Field Crop 3	Fodder	0.5	95	14250	9250
Livestock 1	HF/Jersey	2	3150	78750	31500
Total	-	-	-	121060	53810

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/N.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 2	Ragi (KMR-340)	0.5	6.4	24520	15060	23.07	170.8
Field Crop 2	Groundnut (Local)	0.5	3.8	22800	15800	26.6	110.66
Field Crop 2	Fodder	0.5	110	22000	16500	15.78	78.37
Livestock 1	HF/jericy	2	3350	100500	45225	6.35	43.57
Other enterprises	Value addition to Ragi	-	200	40000	18000	>100	>100
Total	-	-	-	209820	110585	-	105.51

Brief: The farmer used to get annual net income of Rs. 53810 from Ragi, Groundnut, Fodder and Dairy. She faced problems like low yield in Ragi, Groundnut, Fodder and Dairy. With KVK interventions like ICM in Ragi var. KMR-340 and value addition, introduction of Fodder var. DHN-6, INM in Groundnut, through trainings and consultancies, she is getting annual net income of Rs. **110585** from the production of Ragi & its Value addition, Groundnut and Dairy .



Weeding with cycle weeder in Groundnut



KMR 340 Ragi Production



Name of farmer: Jagadish
Address: Gottigehalli, Kanakapura
Karnataka
Age: 47
Education: MA BEd
Size of land holding (in) : 4.14

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2	12	30000	8000
Field Crop 2	Horsegram	0.5	1.00	3800	1800
Field Crop 3	Redgram	0.5	1.60	8000	2200
Livestock 1	HF/Local	2	2100	58800	29400
Livestock 2	Sheep and Goat	4	1.12	31360	11360
Total	-	-	-	131960	52760

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-1)	1.0	7	21000	8000	8.3	175
Field Crop 2	Ragi (KMR -340)	1.0	6	27000	14000		
Field Crop 3	Horsegram	0.5	1.25	5625	3425	25	90.27
Field Crop 4	Redgram	0.5	1.8	9900	4400	12.5	100
Livestock 1	HF/Local	2	2450	73500	36750	16.66	25.0
Livestock 2	Sheep and Goat	10	2.80	105000	53000	150	366.54
Other enterprises	Value addition to Ragi	-	200	40000	18000	>100	>100
Total	-	-	-	282025	137575	-	160.75

Brief: The farmer used to get annual net income of Rs. 52760 from Ragi, Horsegram, Redgram, Dairy and Sheep and Goat unit. He faced problems like low yield in Ragi, Horsegram, Redgram and lack of knowledge on feed and fodder management in livestock. With KVK interventions like ICM in Ragi var. MR-1 and KMR-340 and value addition and IPDM practices in field crops, trainings on micro irrigation techniques, sheep and goat rearing practices, organic practices and consultancies on fodder crops, he is getting annual net income of Rs **137575** from the production of Ragi and its value addition, Horsegram, Redgram and with better management in livestock unit through different types of fodder and feeds and improved breed osmanabodi (goat), Bandur (Sheep).



Sheep and goat unit



KMR -340 White Ragi



Name of farmer: Rudresh, H S

Address: Halasabele , Magadi.

Karnataka

Age: 38

Education: II PUC

Size of land holding (in): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.5	10.5	28350	16300
Hort. Crop 1	Banana	1	80	240000	132000
Livestock 1	Buffalo	1	360	8640	5100
Total	-	-	-	276990	153400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.5	14.25	45600	24900	35.71	52.76
Hort. Crop 1	Banana	1	96	355200	212300	20.00	60.83
Hort. Crop 2	Papaya	0.5	130	104000	63500	>100	>100
Livestock 1	Buffalo	1	540	16200	8500	50.00	66.66
Total	-	-	-	521000	309200	-	101.56

Brief: The farmer used to get annual net income of Rs. 1,53,400 from Ragi, Banana and Buffalo rearing. He faced problems like low yield due to local variety and blast disease in Ragi, sigatoka leaf spot and panama wilt in Banana. With KVK interventions like introduction of new Ragi variety KMR-630, consultancies like use of Banana special, IPDM in Papaya and nutritious fodder crops such as CoFS-31, Lucerne, Hedge lucerne, Azolla etc., he is getting annual net income of Rs. 3,09,200 from the production of Ragi, Banana, Papaya and Buffalo rearing



Field visit to Papaya plot



Off campus program on Importance of Banana special in banana crop



Name of farmer: Basavaraju, H.K. S/O Kadegowda

Address: Halasabele, Magadi

Karnataka

Age: 65

Education: SSLC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.5	11.25	30950	17650
Field Crop 2	Paddy	0.75	14	22400	12700
Field Crop 3	Red gram	0.50	2	9800	5200
Livestock 1	Cow	1	1680	42000	25900
Total	-	-	-	1,05,150	61450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	9.5	30400	18200	26.67	3.11
Field Crop 2	Paddy	0.5	10	18500	9550	7.18	-24.80
Field Crop 3	Red gram	0.5	3	18000	9100	50.00	75.00
Hort. Crop 1	Banana	0.25	20.5	61500	33600	>100	>100
Hort. Crop 2	Chrysanthemum	0.4	16	72000	40300	>100	>100
Livestock 1	Cow	1	2160	64800	35850	28.57	38.41
Total	-	-	-	265200	146600	-	138.56

Brief: The farmer used to get annual net income of Rs. 61450/- from Ragi, Paddy, Redgram and Dairy enterprise. He faced problems like low yield due to use of old variety and neck blast in Ragi, brown plant hopper and leaf roller in Paddy, maruca and pod borer in Redgram and low yield of milk . With KVK interventions like introduction of new Ragi variety KMR-630, Redgram var. BRG-3, IPDM in Paddy, introduction of banana special spray in Banana crop, installation of traps in Chrysanthemum and introduction of new high yielding forage crops like CoFS-31., he is getting annual net income of Rs.146600 from the production of Ragi, Paddy, Redgram, Banana, Chrysanthemum and Dairy Enterprise.



Field visit to Chrysanthemum plot



Scientist farmer interaction regarding Banana crop



Name of farmer: Lokesh D
Address: Revanappanapalya, Magadi
Karnataka
Age: 44
Education: PUC
Size of land holding (in): 2 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Chrysanthemum	0.5	14	63000	34600
Hort. Crop 2	French bean	0.5	18	32400	18900
Livestock 1	Cow	2	3600	86400	53200
Total	-	-	-	181800	106700

2) Status in 2020

Component Description		Period 2020-21				% increase over base	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Chrysanthemum	0.5	16.5	97350	63200	17.85	82.65
Hort. Crop 2	French bean	0.5	23	49450	33500	27.77	77.24
Hort. Crop 3	China aster	0.5	8	36000	21700	>100	>100
Livestock 1	Cow	3	5760	167040	102500	60.0	92.66
Total	-	-	-	349840	220900	-	107.02

Brief: The farmer used to get annual net income of Rs.106700 from Chrysanthemum, French bean and Dairy enterprise. He faced problems like leaf blight and thrips in Chrysanthemum, aphids and mosaic disease in French bean and foot & mouth disease in Cattle. With KVK interventions like prophylactic fungicide spray and installation of sticky traps in Chrysanthemum, prophylactic insecticide/neem soap spray and installation of sticky traps in French bean and due to animal health camp cum vaccination drive for cattle and introduction of fodder crops such as CoFS-31, Lucerne, Hedge lucerne, Azolla etc., he is getting annual net income of Rs. 220900 from the production of Chrysanthemum, French bean, China aster and Dairy enterprise



Off campus training on ICM in Chrysanthemum



Field day on ICM in French bean var. Arka Arjun



Name of farmer: Manjunath H S

Address: Halasabele, Magadi

Karnataka

Age: 30

Education: M.Com

Size of land holding (in): 3 s

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	Ragi	1	7	18200	10100
Field Crop 2	Redgram	0.5	2	10900	6250
Hort. Crop 1	Mango	1	18	27000	14600
Hort. Crop 2	Jasmine (Kakada)	0.25	4.5	94500	61900
Livestock 1	Cow	1	1440	36000	22700
Total	-	-	-	186600	115550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	9.5	31350	17700	35.71	75.24
Field Crop 2	Redgram	0.5	2.75	16500	9400	37.5	50.40
Hort. Crop 1	Mango	1	24	43200	26900	33.33	84.24
Hort. Crop 2	Jasmine (Kakada)	0.25	6.0	126000	84600	33.33	36.67
Hort. Crop 3	Chrysanthemum	0.25	11	55000	31700	>100	>100
Hort. Crop 4	Crossandra	0.25	3	80500	45800	>100	>100
Livestock 1	Cow	1	1920	55680	36500	33.33	60.79
Total	-	-	-	408230	252600	-	118.60

Brief: The farmer used to get annual net income of Rs. 115550 from Ragi, Redgram, Mango, Jasmine, and Dairy enterprise. He faced problems like low yield due to local variety in Ragi, maruca and pod borer in Redgram, powdery mildew and fruit fly in Mango, mites in Kakada, foot and mouth disease in Cattle. With KVK interventions like introduction of new Ragi variety KMR-630, Redgram var. BRG-3, installation of pheromone traps in Redgram, installation of fruit fly trap in Mango, neem soap spray in Kakada and animal health camp cum vaccination programme by KVK and introduction of multicut fodder var. CoFS-31, Lucerne, Hedge lucerne, Azolla etc., he is getting annual net income of Rs.252600 from the production of Ragi, Redgram, Mango, Kakada, Chrysanthemum, Crossandra and Dairy enterprise.



KVK Scientists visit to Mango orchard



Off campus programme on ICM in Chrysanthemum



Name of farmer: Thimmegowda, M
Address: Mayanakanahalli, Magadi
Karnataka
Age: 28
Education: PUC
Size of land holding (in): 05

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	Ragi	2.0	Grain 20.2 Straw 43.8	66634	35034
Field Crop 2	Redgram	0.5	1.8	8640	4790
Hort. Crop 1	Mango	2.0	120	124640	94640
Hort. Crop 2	Garden peas	0.5	82	65600	50800
Livestock 1	Cattle (HF)	2	4230	88830	45680
Total	-	-	-	354344	230944

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2.0	Grain 27.6 Straw 56.8	92970	59370	36.63	69.4
Field Crop 2	Redgram	0.5	2.6	14300	9900	44.4	106.6
Hort. Crop 1	Mango	2.0	179	213200	16820	49.3	77.7
Hort. Crop 2	Garden peas	0.5	112	112000	93400	36.5	83.8
Livestock 1	Cattle (HF)	3	6645	166125	97900	57.0	114.3
Livestock 2	Sheep	6	2	72000	42000	>100	>100
Total	-	-	-	670595	470770	-	103.8

Brief: The farmer used to get annual net income of Rs. 230944 from Ragi, Redgram, Mango, Garden peas and Dairy. He faced problems like low yield in Ragi, Redgram, Garden peas due to pest and disease and low yield in Mango due to fruit fly and fruit dropping. With DFI interventions like introduction of Redgram variety (BRG-3), Integrated Crop management in Garden peas, Ragi and Mango and addition of animal components and fodder crops., he is getting annual net income of Rs.470770 by adopting various improved agricultural practices.



ICM in Garden peas



Introduction of Redgram variety (BRG-3)



Name of farmer: Ramachandraiah
Address: Gavinagamangala , Magadi
Karnataka
Age: 58
Education: BA
Size of land holding (in) : 08

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2.5	Grain 22 Straw 52.3	73368	32618
Field Crop 2	Redgram	1.0	2.3	11040	7390
Hort. Crop 1	Mango	3.0	180	284600	188600
Hort. Crop 2	Coconut	1.0	3600	43200	30900
Hort. Crop 3	Brinjal	0.5	33	33000	18700
Livestock 1	Cattle (HF)	4	7320	153720	61560
Live stock 2	Sheep	7	1.75	61250	31500
Total	-	-	-	660178	371268

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2.5	Grain 30 Straw 64.8	112200	71450	36.3	119.05
Field Crop 2	Redgram	1.0	3.8	20900	11900	65.2	61.02
Hort. Crop 1	Mango	3.0	233	528800	403800	29.7	114.10
Hort. Crop 2	Coconut	1.0	4200	58800	46000	16.6	48.86
Hort. Crop 3	Brinjal	0.5	45	54000	39100	36.3	109.09
Livestock 1	Cattle (HF)	5	13300	319200	143600	81.6	133.26
Livestock 2	Sheep	10	3.06	110160	72660	74.8	130.66
Total	-	-	-	1204060	788510	-	112.38

Brief: The farmer used to get annual net income of Rs.371268 from Ragi, Redgram, Mango, Coconut, Brinjal and animal components like cattle and Sheep. He faced problems like low yield in Ragi, Mango, Coconut due to poor nutrient management and pest and disease problems in Mango and Coconut and low milk yield from cows. With KVK interventions like introduction of high yielding varieties of Ragi (MR-6), Redgram (BRG-3) integrated crop management and direct marketing in Mango and coconut and scientific management of feed and fodder for dairy cattle as well as sheep has resulted in higher annual net income of Rs.788510



ICM in Brinjal



ICM in Mango



Name of farmer: Govindaraju H

Address: Dandenahalli, Magadi

Karnataka

Age: 50

Education: SSLC

Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(/Liter/No.)	Gross Income(Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2.0	Grain 21.3 Straw 44.6	69452	39052
Field Crop 2	Redgram	0.5	1.7	8160	4910
Hort. Crop 1	Mango	2.0	103	164800	99800
Hort. Crop 2	Coconut	1.0	3800	45600	31800
Hort. Crop 3	Sweet Potato	0.5	30	21000	14200
Livestock 1	Cows (HF)	2	4820	101220	52870
Livestock 2	Sheep &Goat	4	1	36000	18000
Others	Poultry	3000	45	225000	126000
Total	-	-	-	671232	386632

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2.0	Grain 24.6 Straw 51.6	91620	57120	15.4	46.2
Field Crop 2	Redgram	0.5	2.3	12650	9100	35.2	85.3
Hort. Crop 1	Mango	2.0	136	237675	164075	32.2	64.4
Hort. Crop 2	Coconut	1.0	4500	67500	50700	18.4	59.4
Hort. Crop 3	Sweet Potato	0.5	38	30400	21900	26.6	54.2
Livestock 1	Cows (HF)	5	9300	232500	134550	92.9	154.4
Livestock 2	Sheep &Goat	10	2.5	90000	54000	150	200.0
Others	Poultry	5000	76	494000	294000	68.8	133.3
Total	-	-	-	1256345	785445	-	103.1

Brief: The farmer used to get annual net income of Rs.386632 from Ragi, Redgram, Mango, Coconut, Sweet potato and animal components like cattle, Sheep, goat and poultry. He faced problems like low yield in Ragi, Mango, Coconut due to poor nutrient management and pest and disease problems in Mango and Coconut and low milk yield from cows and income from poultry unit. With KVK interventions like introduction of high yielding varieties of Ragi (MR-6), Redgram (BRG-3) integrated crop management in Mango and coconut and scientific management of feed and fodder for dairy cattle as well as sheep and goat and strict vaccination schedule for poultry has resulted in higher annual net income of Rs.785445.



ICM in Ragi (MR-6)



Improved fodder crop Chaya



Name of farmer: Darshan C. M.

Address: Chittanahalli Gejjagaraguppe, Magadi, Ramanagara

Karnataka

Age: 31

Education: PUC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.5	12.5 + 26	40200	23700
Hort. Crop 1	Mango	1.5	55	65040	35050
Hort. Crop 2	Coconut	1	4550	50500	38500
Livestock 1	Cattle	2	2880	60100	31500
Total	-	-	-	215840	128750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Acre)/No	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.5	12.5 + 25	40000	24500	-2.59	3.3
	Avare			2000	1200	>100	>100
	Castor		3	3000	2100	>100	>100
	Cowpea		2	2000	1100	>100	>100
		2					
Field Crop 2	Redgram(Intercrop in Mango)	1.5	3.2	17600	8500	>100	>100
Hort. Crop 1	Mango	1.5	75	122500	85000	36.33	142.51
Hort. Crop 2	Coconut	1	6250	93750	68750	37.36	78.57
Livestock 1	Cattle (HF)	2	3600	104400	80400	25	155.23
Total	-	-	-	385250	271550	-	110.91

Brief: The farmer used to get annual net income of Rs. 128750 from Ragi, Mango, Coconut and Dairy enterprise. He faced problems like low fertility in soil, low yield in Mango and Coconut. With KVK interventions like ICM in Mango, Coconut, Soil and water management, cultivation of Maize and Fodder as Intercrop used for cattle feed to increase the milk yield and better land cultivation, he is getting an annual net income of Rs. 271550 from the production of Mango, Redgram, Coconut, Ragi and Dairy enterprise.



Management of drip irrigation system



Intercrop of castor, sesamum in Ragi crop



Name of farmer: Nandeesh
Address: Kailancha, Ramanagara
Karnataka
Age: 33
Education: PUC
Size of land holding (in): 2 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2	9604 nuts	104040	76040
Hort. Crop 2	Sericulture (Cocoon production)	1	7.21	201600	76600
Livestock 1	Cattle (HF)	2	4320 liters	116640	68640
Total	-	-	-	422280	221280

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area ()/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Cowpea +Groundnut	0.25 0.25	CP-1.108 GN-1.9	4324 15400	3310 12300	>100	>100
Field Crop 2	Leafy Vegetable (Intercrop inMulberry)	0.5	34.9	98000	85500	>100	>100
Hort. Crop 1	Coconut	2.0	11760	146400	115400	22.45	51.76
Hort. Crop 2	Sericulture(Cocoon production)	1.0	7.40	223200	135200	2.63	76.50
Livestock 1	Cattle (3 Local +3 HF)	6	9000	270000	150000	108.33	118.53
Total	-	-	-	757324	501710	-	126.73

Brief: The farmer used to get annual net income of Rs. 221280 from Coconut, Sericulture and Dairy enterprise. He faced problems like weed, low yield, lack of knowledge in crop management. With KVK interventions like intercropping, ICM, Fodder crops as intercrop used for cattle feed, composting , weed management., he is getting annual net income of Rs.501710. In addition, there is cost saving from use of chemical fertilizer and adopting improved agriculture practices.



Ground nut as intercrop in mulberry garden



Bivoltine silk worm rearing



Name of farmer: Sukrutha N.R.
Address: K.G.Hosahalli, Ramanagara
Karnataka
Age: 31
Education: PUC
Size of land holding (in): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (followed by) Field bean	0.5	Ragi- 4.5 (Straw-10.2) Field bean -60	14640 31500	6840 23500
Hort. Crop 1	Mango	2	172	58500	38600
Hort. Crop 2	Coconut	2	9200	101200	86200
Livestock 1	Cattle (HF)	2	3880	104760	78700
Total	-	-	-	310600	233840

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area(Ac re)/No	Production(/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort+ Field Crop 1	Marigold (followed by) Field bean	0.5	19	60500	40100	100	486.26
			62	42800	35200	3.33	49.78
Hort. Crop 1	Sericulture –Cocoon production(Mulberry intercrop in coconut)	2	12	412000	252000	>100	>100
Hort. Crop 2	Mango	2	258	90300	68300	50	76.94
Hort. Crop 3	Coconut	2	12100	145200	132500	31.52	53.71
Livestock 1	Cattle (HF)	5	14400	385500	208500	271.13	164.93
Total	-	-	-	1136300	736600	-	215.00

Brief: The farmer used to get annual net income of Rs.233840 from Ragi, Field bean, Mango, Coconut and Dairy. He faced problems like weed, intercultivation, pest, nut drop in coconut, low yield in mango. With DFI interventions like fertilizer application based on soil test, proper utilization of farm waste and sericulture waste through composting, application of bio fertilizer, proper utilization of space through intercropping, introduction of flower crop, cultivation of varieties of fodder (CoFS-31), he is getting annual net income of Rs. 736600 from the production of Marigold, Sericulture, Mango, Coconut and Dairy enterprise.



Cattle fed with different varieties of fodder



Composting of sericulture waste using waste decomposer



Name of farmer: Kamalamma
Address: Mayaganahalli, Ramanagara
Karnataka
Age: 42
Education: SSLC
Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	0.5	1.4	3500	1700
Field Crop 2	Ragi with Cowpea	0.5	Grain 4.2 Straw 8 13	13360 19500	4800 15500
Hort. Crop 1	Mango	2	92	138000	103000
Hort. Crop 2	Sericulture (Cocoon production)	2	12.12	340000	172500
Live stock 1	Cow	2	2880 liters	77760	41760
Total	-	-	-	592120	339260

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area ()/No	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram	0.25	2.1	6300	4800	50	182.35
	Cowpea	0.25	14.2	28400	23400	9.2	50.96
Hort. Crop 1	Mango	2	115	345000	285000	25	176.69
Hort. Crop 2	Sericulture(Cocoon production)	2	15.42	540000	360000	27.22	108.69
Hort. Crop 3	Capsicum	0.5	11 tons	770000	550000	>100	>100
Live stock 1	Cow	5	7300	208800	110800	153.47	165.32
Total	-	-	-	1898500	1334000	-	293.2

Brief: The farmer used to get annual net income of Rs. 339260 from Redgram, Ragi, Cowpea, Sericulture, Mango and Dairy enterprise. She faced problems like low yield, fruit drops in mango, low soil fertility, lack of knowledge on pest and disease management. With KVK interventions like ICM in Mulberry and Mango, direct marketing of mango, export of capsicum cultivated in green house, recycling of farm waste through vermicomposting., she is getting annual net income of Rs.1334000 from the production of Redgram, Cowpea, Mango, Sericulture, Capsicum and dairy enterprise.



V1 variety of mulberry cultivation



Capsicum grown in green house



Name of farmer: Keshav Murthy N

Address: Ankonepalya, Magadi

Karnataka

Age: 49

Education: B.E.

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	2	94	112800	82800
Hort. Crop 2	Coconut	2	8820 nuts	105840	63840
Live stock 1	Cow (HF)	2 nos	2880 liters	77260	41760
Total	-	-	-	295900	188400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Productio(/Liter/no)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Mango	2	125	225000	159500	32.97	92.63
Hort. Crop 2	Guava+Custard	2	2.4	7200	5500	>100	>100
	Apple+Sapota		6.4	29600	14800	>100	>100
	(Intercrop in Mango)		2.4	19200	8200	>100	>100
Hort. Crop 3	Coconut	2	11070	143910	102410	25.51	60.41
Hort. Crop 4	Lemon (Intercrop in Coconut)	2	38.40	268800	157800	100	100
Live stock 1	Cow (Local)	2	960	29760	5760	-66.66	-86.20
Live stock 2	Sheep and Goat	25	875	218750	123250	>100	>100
Live stock 3	Poultry (Local)	15	37.5	11250	8750	>100	>100
Total	-	-	-	953470	585970	-	211.02

Brief: The farmer used to get annual net income of Rs. 188400 from Mango, Coconut and Dairy enterprise. He faced problems like lack of knowledge on cultivation practices, low yield and low income. With KVK interventions like good agriculture practices, nutrient management, intercropping of high value crops, direct marketing, integrated farming system, mechanization, organic farming., he is getting annual net income of Rs. 585970 from the production of Mango, Guava+Custard+Sapota, Coconut, Lemon, Sheep and Goat, Poultry and Dairy enterprise.



Lemon crop as intercrop in coconut orchard



sheep and goat as a component in IFS



Name of farmer: K. Shivakumar

Address: Nasepalya, Magadi

Karnataka

Age: 42

Education: B.A.

Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	0.5	Grain 4.8 Straw 11	15640	8700
Hort. Crop 1	Coconut	0.5	1950	20900	12400
Hort. Crop 2	Sericulture (Cocoon production)	1	7.80	234000	118500
Live stock 1	Cattle	2	2400	64800	28800
Total	-	-	-	335340	168400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	0.5	Grain 4.9 Straw 11	15950	9450	2.08	8.62
Field Crop 2	Sesamum+castor+Redgram (Intercrop in Ragi)	0.5	1.5	5550	3450	>100	>100
Hort. Crop 1	Coconut	0.5	2350	31500	23500	20.51	89.51
Hort. Crop 2	Sericulture (Cocoon production)	1	12.40	434000	385500	58.97	225.31
Live stock 1	Cattle	4	5250	152250	59750	118.75	107.46
Total	-	-	-	639250	481650	-	186.01

Brief: The farmer used to get annual net income of Rs. 168400 from Ragi, Coconut, Sericulture and Dairy enterprise. He faced problems like less yield, low income and lack of knowledge on balanced fertilizer application. With KVK interventions like training on cultivation practice and coconut climbing using climber, ICM in Mulberry, recycling of Agriculture waste, different fodder cultivation., he is getting annual net income of Rs. 481650 from the production of Ragi, Coconut, Sericulture, Sesamum+castor+Redgram as an intercrop in Ragi and Dairy enterprise.



V1 variety mulberry cultivation



Training on Coconut climbing using coconut climber machine



Name of farmer: Tirumalegowda
Address: Marasandra, Kanakapura
Karnataka
Age: 47
Education: 1st std
Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	Grain 9.5 Straw 19	30400	16900
Hort. Crop 1	Coconut (Border crop)	150	14700	161700	106500
Hort. Crop 2	Sericulture (Cocoon production)	2	11.2	313600	118600
Live stock 1	Cattle	2	1920	51840	35840
Live stock 2	Sheep and Goat	4	115	57500	37500
Total	-	-	-	615040	311340

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area ()/No	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	Grain 10.5 Straw 22	33800	20800	10.52	23.07
Hort. Crop 1	Coconut (Border crop)	150	18000	216000	180500	22.44	69.48
Hort. Crop 2	Sericulture (Cocoon production)	2	18	594000	399000	60.71	236.42
Live stock 1	Cattle	4	2480	61920	49920	29.16	39.28
Live stock 2	Sheep and Goat	10	315	165000	120500	173.91	221.33
Total				1070720	770720		147.55

Brief: The farmer used to get annual net income of Rs. 311340 from Ragi, Coconut, Sericulture, Sheep and goat and Dairy enterprise. He faced problems such as low soil fertility, water scarcity during summer, lack of knowledge on balanced nutrient application. With DFI interventions like cultivation practices of Tree mulberry, bio fertilizer application, RDF based on soil test, IPDM in Mulberry, good agriculture practices, introduction of fodder crops such as CoFS-31, Lucerne, Hedge lucerne, Azolla etc, he is getting annual net income of Rs. 770720 from the production of Ragi, Coconut, Cocoon production, Sheep and goat and Dairy enterprise.



Rearing silk worm for bivoltine cocoon production



Feeding mulberry leaves and variety of fodders to goats



Name of farmer: Hemaraju

Address: Kalya Village, Kasaba Hobli, Magadi.

Karnataka

Age: 33 years

Education: SSLC

Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Local)	1	6	18000	4500
Field Crop 2	Red gram (BRG-1)	1	3	15000	7000
Field Crop 3	Pole Beans	1	30	60000	28000
Hort. Crop 1	Arecanut	2	10	250000	150000
Total	-	-	-	343000	189500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Productio (/Liter/no)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (KMR 630)	1	9	28800	13300	50	195.55
Field Crop 2	Red gram (BRG-3)	1	5	27500	17600	66.66	151.42
Field Crop 3	Pole Beans	1	46	119600	86000	53.33	207.14
Hort. Crop 1	Arecanut	2	14.5	406000	316000	45	110.66
Total	-	-	-	581900	432900	-	128.44

Brief: The farmer used to get annual net income of Rs. 189500 from Ragi, Redgram, Pole beans and Arecanut. He faced problems like water logging and blast disease in Ragi, fusarium wilt and SMD disease in Redgram, yellow mosaic virus disease in Pole beans, nut splitting & bud rot disease in Arecanut. With DFI interventions like integrated nutrient and disease management in Ragi, introduction of newly released wilt and SMD resistant variety BRG-3 in Redgram, demonstration of integrated management practices for yellow mosaic virus in Pole beans and integrated crop management in Arecanut, he is getting annual net income of Rs. 432900 from the production of Ragi (KMR 630), Redgram (BRG-3), Pole beans and Arecanut.



Integrated management practices for yellow mosaic virus in Pole beans



Integrated crop management in Arecanut



Name of farmer: Bhanuchethan, K.H.

Address: Kalya Village, Kasaba Hobli, Magadi taluk

Karnataka

Age: 32 years

Education: ITI

Size of land holding (in): 3 s

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	Redgram (BRG-1)	1	3.2	17600	10100
Field Crop 2	Pole beans	1	31	68200	35200
Hort. Crop 1	Dolichos (Local)	1	24	72000	44000
Total	-	-	-	157800	89300

2) Status in 2020

Component Description		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	Redgram (BRG-3)	1	4.7	25850	19850	46.87	96.53
Field Crop 2	Pole beans	1	45	126000	88000	45.16	150
Hort. Crop 1	Dolichos (HA-4)	1	30	135000	91000	25.00	106.81
Total	-	-	-	286850	198850	-	122.67

Brief: The farmer used to get annual net income of Rs. 89300 from Redgram, Pole beans, Dolichos. He faced problems like fusarium wilt and SMD in Redgram, photosensitive low yielding and pod borer infestation in Dolichos, yellow mosaic virus in Pole beans. With DFI interventions like introduction of newly released wilt and SMD resistant variety BRG-3 in Redgram, introduction of photo-insensitive Dolichos variety HA-4 and integrated pest management practices and demonstration of ecofriendly and integrated management practices for yellow mosaic virus in Pole beans, he is getting annual net income of Rs.198850 from the production of Redgram (BRG-3), Pole beans and Dolichos (HA-4).



Management practices for yellow mosaic virus in Pole beans



Introduction of wilt and SMD resistant Redgram variety BRG-3



Name of farmer: Devaraju K B

Address: Kalya Village, Kasaba Hobli, Magadi taluk

Karnataka

Age: 42

Education: SSLC

Size of land holding (in): 3 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	1	2.9	14500	7500
Field Crop 2	Pole beans	1	31	71300	39300
Hort. Crop 1	Dolichos (Local)	1	22	66000	38000
Total	-	-	-	151800	84800

2) Status in 2020

Component Description		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	Redgram (BRG-3)	1	4.9	26950	19950	68.96	166
Field Crop 2	Pole beans	1	44	123200	88200	41.93	124.42
Hort. Crop 1	Dolichos (HA-4)	1	29	130500	95500	31.81	151.31
Total	-	-	-	280650	203650	-	140.15

Brief: The farmer used to get annual net income of Rs. 84800 from Redgram, Pole beans, Dolichos. He faced problems like fusarium wilt and pod borer damage in Redgram, photosensitive varieties and pod borer damage in Dolichos, yellow mosaic virus and downey mildew disease in Pole beans. With DFI interventions like introduction of disease resistant variety BRG-3 and integrated management of pod borers in Redgram, introduction of photo-insensitive variety HA-4 and holistic management of pod borers and demonstration of ecofriendly management practices for yellow mosaic virus in Pole beans., he is getting annual net income of Rs.203650 from the production of Redgram (BRG-3), Pole beans and Dolichos (HA-4).



Management practices for yellow mosaic virus in Pole beans



Introduction of photo-insensitive Dolichos variety HA-4



Name of farmer: Ashwathanarayana
Address: Kurubarahalli, Kanakapura
Karnataka
Age: 39
Education: M.A., B.Ed.
Size of land holding (in): 8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	2	14	42000	10000
Hort. Crop 1	Mango	6	220	420000	240000
Total	-	-	-	462000	250000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	2	19	60800	27800	35.71	178.0
Hort. Crop 1	Mango	6	300	120000	800000	36.36	233.33
Total	-	-	-	728000	827800	-	231.12

Brief: The farmer used to get annual net income of Rs. 250000 from Ragi and Mango. He faced problems like lodging and neck blast disease in Ragi and spongy tissue, Mango hoppers, fruit fly damage and low market price in Mango. With KVK interventions like Introduction of newly released variety KMR-630, ICM and direct marketing in Mango, he is getting annual net income of Rs.827800 from the production of Ragi and Mango.



Ragi variety KMR-630



Integrated Crop Management in Mango



Name of farmer: Ramesh
Address: Anchepalya, Magadi
Karnataka
Age: 52
Education: B.Sc.
Size of land holding (in) : 8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	1	2.5	12500	6000
Hort. Crop 1	Ginger	1	45	220000	120000
Hort. Crop 2	Papaya	1	250	250000	150000
Hort. Crop 3	Guava	1	60	300000	200000
Hort. Crop 4	Mango	4	200	400000	200000
Total	-	-	-	1182500	676000

2) Status in 2020

Component Description		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	Redgram (BRG-3)	1	4.4	24200	15200	76.0	153.33
Hort. Crop 1	Ginger	1	60	340000	220000	33.33	83.33
Hort. Crop 2	Papaya	1	370	444000	310000	48.0	106.66
Hort. Crop 3	Guava	1	80	400000	300000	33.33	50.00
Hort. Crop 4	Mango	4	250	750000	550000	25.00	175.00
Total	-	-	-	1958200	1395200	-	106.39

Brief: The farmer used to get annual net income of Rs. 676000 from Redgram, Ginger, Papaya, Guava and Mango. He faced problems like Fusarium wilt in Redgram, soft rot in Ginger, Ringspot virus in Papaya, stylus end rot and kajji bug in Guava, Mango fruit drop and nutrient deficiency. With KVK interventions like introduction of wilt and SMD resistant variety BRG-3, IPDM measures in Ginger, whitefly management in Papaya, IPDM practices in Guava, Introduction of Mango special and direct marketing in Mango, he is getting annual net income of Rs.1395200 from the production of Redgram, Ginger, Papaya, Guava and Mango.



Integrated management of ring spot virus in Papaya



IPDM measures in Ginger



Name of farmer: Hanumantharayappa H N

Address: Hosahalli, Magadi

Karnataka

Age: 56

Education: SSLC

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-2)	1	2.5	10000	6000
Hort. Crop 1	Cabbage	1	132.8	159360	127760
Hort. Crop 2	Chrysanthemum	0.5	15	82500	62500
Total	-	-	-	251860	196260

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (BRG-5)	1	4.2	21000	16000	68	166.66
Hort. Crop 1	Cabbage	1	173.6	312480	288880	30.72	126.11
Hort. Crop 2	Chrysanthemum	0.5	20	180000	155000	33.33	148.0
Total	-	-	-	513480	459880	-	134.32

Brief: The farmer used to get annual net income of Rs. 196260 from Redgram, Cabbage and Chrysanthemum. He faced problems like wilt in Redgram, DBM and other lepidopteron insect damage in Cabbage, thrips and low yield due to non-judicious use of nutrients. With KVK interventions like introduction of wilt resistant variety BRG-5 in Redgram, eco-friendly management of diamond back moth (DBM) in Cabbage through integrated approach, ICM in Chrysanthemum with special reference to nutrients and pests, he is getting annual net income of Rs. 459880 from the production of Redgram, Cabbage and Chrysanthemum.



Integrated Crop Management in Chrysanthemum



Management practices for DBM in Cabbage



Name of farmer: Thimmegowda S/o Puttaiah

Address: Basavenahalli, Magadi

Karnataka

Age: 56

Education: SSLC

Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	2	Grain - 20 Straw - 48	65600	30600
Field Crop 2	Red gram (Local)	0.5	1.8	9000	5400
Field Crop 3	Groundnut (Samrat)	1	4.4	24000	13200
Field Crop 4	Cowpea (Local)	1	2	9200	5520
Hort. Crop 1	Banana	1	90	225000	148000
Hort. Crop 2	Veg. Cowpea	0.5	15	45000	28800
Livestock 1	Cattle (Hallikar)	2	1830	45750	27450
Total	-	-	-	423550	258970

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area ()/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	2	Grain - 26.7 Straw - 54.3	97650	58750	33.5 13.33	91.99
Field Crop 2	Redgram(BRG-5)	0.5	2.6	15080	8480	44.44	57.03
Field Crop 3	Groundnut (GKVK-5)	1	8.6	51600	35950	95.45	172.34
Field Crop 4	Cowpea (KBC-9)	1	3.6	16560	9680	80.0	75.36
Hort. Crop 1	Banana	1	126	378000	291400	40.0	96.89
Hort. Crop 2	Veg. Cowpea	0.5	22	70400	49700	46.66	72.56
Livestock 1	Cattle (Hallikar)	2	2230	62440	39340	21.85	43.31
Livestock 2	Sheep (Local)	5	1.25	37500	26250	>100	>100
Total	-	-	-	729230	519550	-	100.62

Brief: The farmer used to get annual net income of Rs. 258970 from Ragi, Redgram, Groundnut, Banana, Veg. Cowpea, Cowpea and Dairy enterprise. He faced problems like low yield in Ragi, Redgram, Groundnut and veg. Cowpea, pest and disease problems in Banana(sucker planting), poor nutrient and water use efficiency, low price (Rs. 25/kg). With KVK interventions such as introduction of high yielding Ragi var. MR-6, Redgram BRG-3, Groundnut var. GKVK-5, Integrated crop management in Banana such as selection of tissue culture plants, fertigation with water soluble fertilizers, Banana special spray and marketing at Nelamangala APMC @ rate of Rs. 30/ kg and with Scientific livestock management, he is getting annual net income of Rs.519550 from his farm by adopting integrated farming practices.



ICM in Banana



ICM in Cowpea



Name of farmer: Shankaraiah, D S/o Daddaiah

Address: Topaiahnapalya, Magadi

Karnataka

Age: 58

Education: PUC

Size of land holding (in): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	2.5	Grain – 30 Straw – 63.8	96760	52810
Field Crop 2	Redgram (BRG-1)	1	3.2	18560	9630
Field Crop 3	Cowpea (Local)	1	2.8	11200	5400
Hort. Crop 1	Garden Peas (Magadi Local)	0.5	12	120000	85000
Hort. Crop 2	Banana	1	98	196000	110000
Hort. Crop 2	Mango	1	66	79000	50000
Livestock 1	Cattle (HF)	2	3360	70560	30930
Total	-	-	-	592080	343770

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	2.5	Grain – 35 Straw – 73.4	128515	83565	16.7 15.5	58.2
Field Crop 2	Redgram (BRG-3)	1	4.4	25520	14290	37.5	48.3
Field Crop 3	Cowpea (KM-5)	1	4	19200	12100	42.8	124.0
Hort. Crop 1	Garden Peas (Magadi Local)	0.5	16.8	151200	114900	40	35.1
Hort. Crop 2	Banana	1	137	342500	250550	39.7	127.7
Hort. Crop 2	Mango	1	79	125000	88000	19.6	76
Livestock 1	Cattle (HF)	3	4758	133000	89800	41.6	190.3
Livestock 2	Sheep	7	2.4	84000	55440	>100	>100
Total	-	-	-	1008935	708645	-	106.1

Brief: The farmer used to get annual net income of Rs. 343770 from Ragi, Redgram, Cowpea, Garden peas, Banana, Mango and Dairy enterprise. He faced problems like low yield in Ragi, Redgram due to improper nutrient management , low yield in Garden peas, Banana and Mango due to pest and disease incidences. With KVK interventions like introduction of high yielding varieties of Ragi (MR-6), Redgram (BRG-3), Cowpea (KM-5) and integrated pest and disease management in garden peas, Mango and Integrated crop management in Banana such as selection of tissue culture plants, fertigation with water soluble fertilizers, Banana special spray and marketing in APMC @ rate of Rs. 25/ kg, balanced feed and fodder management in Livestock, he is getting annual net income of Rs. 708595 from the production of Ragi, Redgram, Cowpea, Garden peas, Banana, Mango, Sheep and Dairy enterprise.



ICM in Banana



ICM in Ragi



Name of farmer: Jayanna S/o M Ramaiah
Address: Mudenahalli, Kanakapura T .
Karnataka
Age: 65
Education: SSLC
Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy(Local)	1	19	35150	12150
Field Crop 2	Redgram (BRG-1)	1	2.7	13500	7500
Total	-	-	-	48650	19650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (RNR 15048)	1	31	60140	30640	63.15	152.18
Field Crop 2	Redgram (BRG-3)	1	4.5	24750	18250	66.66	143.33
Total	-	-	-	84890	48890	-	148.80

Brief: The farmer used to get annual net income of Rs. 19650 from cultivation of Paddy and Redgram. He faced problems like Yellow stem borer, leaf folder damage and blast disease in Paddy and Fusarium wilt and sterility mosaic disease in Redgram. With DFI interventions like integrated pest and disease management practices in Redgram and Paddy, introduction of high yielding new variety RNR 15048 in paddy and wilt and SMD resistant var. BRG-3 and pod borer management practices in Redgram, he is getting annual net income of Rs. 48890 from the production of Rice and Redgram.



IPM in Redgram



Seed production in Paddy



Name of farmer: Gopal Reddy S/o Gopal Reddy M

Address: Mudenahalli, Harohalli Hobli, Kanakapura Taluk, Ramanagara

District

Karnataka

Age: 37

Education: SSLC

Size of land holding (in): 4 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	20	37000	11140
Field Crop 2	Red gram	1	2.6	13000	7000
Hort. Crop 1	Ridge gourd	1	85	68000	32000
Hort. Crop 2	Cauliflower	1	110	132000	80500
Total				250000	130640

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/N o	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1	30	58200	25200	50	126.21
Field Crop 2	Red gram (BRG-3)	1	4.5	15950	15950	73.07	127.85
Hort. Crop 1	Ridge gourd	1	110	90000	90000	29.41	181.25
Hort. Crop 2	Cauliflower	1	156	164900	164900	41.81	104.84
Total				433350	296050	-	126.61

Brief: The farmer used to get annual net income of Rs. 130640 from Paddy, Red gram, Ridge gourd and Cauliflower. He faced problems like yellow stem borer and leaf folder in Paddy; fusarium wilt, sterility mosaic disease in Red gram, yellow vein mosaic virus caused by white flies in Ridge gourd, diamond black moth infestation in Cauliflower. With DFI interventions like integrated pest and disease management practices in Paddy, introduction of wilt and SMD resistant variety BRG-3, integrated management of yellow mosaic virus in Ridge gourd, eco-friendly and holistic management of DBM in Cauliflower, he is getting annual net income of Rs. **296050** from the production of Paddy, Red gram, Ridge gourd and Cauliflower.



IPM in Ridge gourd



Seed production in Paddy



Name of farmer: Chandrasekhar H. C S/o Channappa
Address: S.M. Doddi, Virupakshipura Hobli, Channapatna Taluk ,
Ramanagara District
Karnataka
Age: 38
Education: PUC
Size of land holding (in) : 3 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana (Yelakki)	1	93.8	187600	95600
Hort. Crop 2	Chrysanthemum	1	28	224000	168000
Hort. Crop 3	Tomato	1	104	156000	80000
Total				567600	343600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Banana (Yelakki)	1	132.3	330750	245750	41.04	157.06
Hort. Crop 2	Chrysanthemum	1	39	468000	402000	39.28	139.28
Hort. Crop 3	Tomato	1	120	240000	165000	15.38	106.25
Total				1038750	812750	-	136.53

Brief: The farmer used to get annual net income of Rs. 343600 from Banana , Chrysanthemum, Tomato. He faced problems like panama wilt, sigatoka disease in banana, non-judicious use of nutrients and thrips infestation in chrysanthemum, severe pest and diseases in tomato. With KVK interventions like integrated effective management practices for panama wilt, ICM in Chrysanthemum, IPDM in Tomato, he is getting annual net income of Rs. 812750 from the production of Banana , Chrysanthemum, Tomato.



Integrated Management in Banana



ICM in Chrysanthemum



Name of farmer: Ramu S/ Late Nagarajaiah

Address: Bilagumba, Kasaba Hobli, Ramanagara taluk and district

Karnataka

Age: 47

Education: PUC

Size of land holding (in): 6.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	4	180	360000	240000
Hort. Crop 2	Coconut	2.5	8000	96000	66000
Total				456000	306000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Mango	4	240	960000	610000	33.33	154.16
Hort. Crop 2	Coconut	2.5	11000	165000	130000	37.50	96.96
Total				1125000	740000	-	141.83

Brief: The farmer used to get annual net income of Rs. 306000 from Mango, Coconut. He faced problems like infestation of stem borer, hoppers, fruit flies, low quality fruits and less market price in Mango; nut shedding and pest infestation in Coconut. With KVK interventions like integrated crop management and direct marketing in Mango, introduction of micro-nutrient mixture (Mango Special), integrated management of nutrients and pests in Coconut, he is getting annual net income of Rs. 740000 from the production of Mango and Coconut.



Integrated management of nutrients and pests in coconut



Introduction of micro-nutrient mixture (Mango Special)



Name of farmer: Balakrishna S/o Lingappa

Address: Hosuru Village, Bidadi Hobli, Ramanagara Taluk and district

Karnataka

Age: 48

Education: B.A.

Size of land holding (in): 3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Baby corn	1	60	24000	18000
Other enterprise (Specify)	Sericulture (Cocoon production)	2.5	15.15	454500	235625
Total				472500	253625

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Baby corn	1	85	42500	35500	41.66	97.22
Other enterprise (Specify)	Sericulture (Cocoon production)	2.5	19.27	689500	479500	27.19	103.50
Total				732000	515000	-	103.05

Brief: The farmer used to get annual net income of Rs. 253625 from Baby corn and Sericulture. He faced problems like fall armyworm infestation in Baby corn, Leaf roller in Mulberry and Ujifly infestation in rearing house. With KVK interventions like integrated management of fall army worm in baby corn, integrated management practice in mulberry and use of sex pheromones to manage ujifly in silkworm rearing house, he is getting annual net income of Rs. 515000 from the production of Baby corn and marketing of cocoons.



Integrated management practice in mulberry



Use of sex pheromones to manage ujifly in silkworm rearing house



Name of farmer: Abhilash S/o Shivanna
Address: Balegowdanadoddi, Ramanagara
Karnataka
Age: 28
Education: M.Sc.
Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	7.75	20150	10900
Field Crop 2	Redgram (Intercrop)	0.5	1.25	5625	2950
Hort. Crop 1	Mango	2	38	45600	24600
Hort. Crop 2	Coconut	1	3375	37125	21300
Livestock 1	Cow	2	2160	54000	30700
Total	-	-	-	162500	90450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi (MR-1)	1	9.75	31200	15650	25.80	43.57
Field Crop 2	Redgram	0.5	1.75	9975	5050	40.00	71.18
Hort. Crop 1	Mango	2	55	82500	41250	44.73	67.68
Hort. Crop 2	Coconut	1	4275	64125	32700	26.66	53.52
Hort. Crop 3	Frenchbean	0.5	24	43200	24600	>100	>100
Hort. Crop 4	Banana	1	78	234000	126800	>100	>100
Livestock 1	Cow	3	2880	80640	42450	33.33	38.27
Total	-	-	-	545640	288500	-	218.96

Brief: The farmer used to get annual net income of Rs. 90450 from Ragi, Redgram, Mango, Coconut and Dairy enterprise. He faced problems like blast in Ragi, pod borer and fusarium wilt in Redgram, powdery mildew and fruit fly in Mango, beetle in Coconut, and improper fodder management in Dairy. With KVK interventions like prophylactic sprays in Ragi and Redgram, installation of suitable traps in Redgram, Mango and coconut, introduction of fodder crops like CoFS-31 and DHN-6, ICM in French bean and banana cultivation, he is getting annual net income of Rs. 288500 from the production of Ragi, Redgram, Mango, Coconut, Frenchbean, Banana and Dairy enterprise.



Field view of Banana plot



Field View of Ragi Plot



Name of farmer: Nagendra S/o Yelakkigowda

Address: Dandenahalli, Magadi

Karnataka

Age: 25

Education: B.A.

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	8	20800	10950
Hort. Crop 1	Arecanut	1	6.5	208000	113750
Hort. Crop 2	Coconut	2	6300 nos	66150	37300
Livestock 1	Cow	2	1920 litres	46080	25040
Total	-	-	-	341030	187040

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	10.5	33600	17200	31.25	57.07
Hort. Crop 1	Arecanut	1	7.5	307500	165600	15.38	45.58
Hort. Crop 2	Coconut	2	8100	117450	65200	28.57	74.79
Livestock 1	Cow	3	3240	93960	49600	68.75	98.08
Livestock 2	Poultry	4000	48	432000	176000	>100	>100
Total	-	-	-	984510	473600	-	153.20

Brief: The farmer used to get annual net income of Rs. 187040 from Ragi, Arecanut, Coconut and Dairy enterprise. He faced problems like blast in Ragi, bud rot in Arecanut, Red palm weevil in Coconut and imbalanced nutrition management in Dairy. With KVK interventions like balanced nutrition management and prophylactic sprays in Ragi, Arecanut; installation of traps in Coconut ; introduction of Fodder crops like CoFS-31 and DHN-6 and introduction of poultry (Swarnadhara birds), he is getting annual net income of Rs. 473600 from the production of from Ragi, Arecanut, Coconut, Poultry and Dairy enterprise.



Farmer - Scientist interaction programme regarding field level problems



Youth farmer involved in dairy farming



Name of farmer: Mahesh S/o Puttaramaiah

Address: Komanahalli, Channapatna

Karnataka

Age: 48

Education: PUC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	Grain – 10.2 Straw – 26.8	32320	15220
Field Crop 2	Paddy	1.5	Grain – 30 Straw – 82.4	59420	37120
Field Crop 3	Sugarcane	1	350	115500	77500
Hort. Crop 1	Tomato	0.5	90	72000	49200
Livestock 1	Cattle (HF)	4	7230	151830	93670
Livestock 2	Sheep	2	0.6	19500	13600
Total	-	-	-	450570	286310

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi	1	Grain – 14.8 Straw – 33.8	55810	36910	45.0 26.0	142.5
Field Crop 2	Paddy	1.5	Grain – 37.5 Straw – 93.8	86760	58600	25.0 13.8	57.8
Field Crop 3	Sugarcane	1	420	151200	117330	20.0	51.3
Hort. Crop 1	Tomato	0.5	120	144000	117000	33.3	137.8
Livestock 1	Cattle (HF)	5	11600	324800	220880	60.4	135.8
Livestock 2	Goats	5	1.25	40625	26562	>100	>100
Total	-	-	-	803195	577282	-	101.6

Brief: The farmer used to get annual net income of Rs. 286310 from Ragi, Paddy, Sugarcane, Tomato, Sheep and Dairy enterprise. He faced problems like low yield in Paddy, Ragi, Sugarcane and Tomato due to improper nutrient management. With KVK interventions like Integrated crop management in Ragi, Paddy (Introduction of RNR 15048 variety, seed treatment, micro nutrient application, spraying of 19:19:19 water soluble fertilizer timely pest and disease management), Sugarcane and Tomato and cultivation of diversified fodder crops, Azolla and adoption of scientific Feed and fodder management in dairy and sheep/goat rearing, he is getting annual net income of Rs. 577282 from the production of Ragi, Paddy, Sugarcane, Tomato, and livestock.



Cultivation of improved fodder crops



ICM in Paddy



Name of farmer: Manjesh S/o Ramakrishna

Address: Chakkere, Channapatna

Karnataka

Age: 28

Education: PUC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	Grain – 21 Straw – 50.3	40302	23502
Field Crop 2	Ragi	1	Grain – 10.6 Straw – 26.8	35700	18410
Hort. Crop 1	Banana	1	90	225000	169000
Hort. Crop 2	Coconut	1	3750	45000	34800
Livestock 1	Cattle (HF)	2	1800	39600	25344
Livestock 2	Sheep	5	1.5	37500	24750
Total	-	-	-	423112	295806

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1	Grain – 25.5 Straw – 58.6	55320	35338	21.4 16.5	50.3
Field Crop 2	Ragi	1	Grain – 13.8 Straw – 32.1	52185	32585	30.1 19.7	76.9
Hort. Crop 1	Banana	1	124	372000	298400	37.7	76.5
Hort. Crop 2	Coconut	1	4920	68880	54280	31.2	55.9
Hort. Crop 2	Tomato (Intercrop in Coconut)	0.5	93	74400	44640	>100	>100
Hort. Crop 2	Cucumber (Intercrop in Coconut)	0.5	22	44000	24200	>100	>100
Livestock 1	Cattle (HF)	2	2520	75600	42000	40.0	65.7
Livestock 2	Sheep	10	2.8	92400	55440	86.66	124
Livestock 3	Poultry	100	1.6	40000	24400	>100	>100
Total	-	-	-	874785	611283	-	106.6

Brief: The farmer used to get annual net income of Rs. 295806 from Paddy, Ragi, Banana, Coconut, Sheep and Dairy enterprise. He faced problems like low yield in Paddy, Ragi and Banana due to improper nutrient management and pest and disease. With KVK interventions like ICM in Paddy, Ragi, Banana and proper nutrient management in Coconut, introduction of intercrops in Coconuts; introduction of Poultry and feed and fodder management in livestock, he is getting annual net income of Rs. 611283 from the production of Paddy, Ragi, Banana, Coconut, Tomato and Cucumber as intercrop in Coconut and livestock



Field View of Ragi plot



Sheep rearing by youth farmer



Name of farmer: Andani K B S/o Boraiah

Address: Kalya Colony, Magadi T .

Karnataka

Age: 46

Education: PUC

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	1	3.75	16875	8950
Hort. Crop 1	Tomato	0.5	105	84000	45700
Livestock 1	Sheep	3 nos	0.42 (Meat)	21000	12300
Livestock 2	Poultry	20 nos	0.28 (meat)	2940	1630
Total	-	-	-	124815	68580

2) Status in 2020

Component Description		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	Redgram (BRG-3)	1	5.75	33925	17650	53.33	97.20
Hort. Crop 1	Tomato	1	258	258000	136750	145.71	199.23
Hort. Crop 2	Chilli	0.15	13.5	24300	14560	>100	>100
Hort. Crop 3	Crossandra	0.1	0.7	23300	14100	>100	>100
Livestock 1	Sheep	3	0.51	33150	18800	21.42	52.84
Livestock 2	Poultry	30	0.48	6720	3700	71.42	126.99
Total	-	-	-	379395	205560	-	199.73

Brief: The farmer used to get annual net income of Rs. 68,580 from Redgram, Tomato, Sheep and Poultry. He faced problems like fusarium wilt and pod borer in Redgram, early blight and fruit borer in Tomato, thrips and mites in Chilli, brucellosis in Sheep. With KVK interventions like introduction of wilt resistant Redgram var. BRG-3 and installation of pheromone traps; introduction of blight resistant Tomato var. Arka Rakshak and installation of traps to overcome the fruit borer problem, installation of yellow and blue sticky traps for thrips and mites, introduction of crops like Chilli and Crossandra, regular vaccination in Sheep and introduction of Swarnadhara birds, he is getting annual net income of Rs. 2,05,560 from the production of Redgram, Tomato, Chilli, Crossandra, Sheep and poultry .



Field view of Crossandra plot



Field view of Tomato crop



Name of farmer: Umesh K.V S/o Veerabhadraiah

Address: Kalya, Magadi

Karnataka

Age: 47

Education: SSLC

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1.5	9.75	316875	176350
Hort. Crop 2	Pole beans (Intercrop)	0.25	10.5	16800	9900
Livestock 1	Cattle	2	1920	46080	25650
Total	-	-	-	379755	211900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Hort. Crop 1	Pole beans (Intercrop)	0.25	12.5	23750	13950	19.04	40.90
Hort. Crop 2	Cucumber (Intercrop)	0.25	17.5	19250	12300	>100	>100
Hort. Crop 3	Arecanut	1.5	11.25	444375	310700	15.38	76.18
Hort. Crop 4	Tomato (Intercrop)	0.5	82	86100	51300	100	100
Livestock 1	Cattle	2	2280	63840	36250	18.75	41.32
Total	-	-	-	637315	424500	-	100.33

Brief: The farmer used to get annual net income of Rs. 211900 from Arecanut, Pole beans and Dairy enterprise. He faced problems like button shredding in Arecanut, mosaic in pole beans, American pin worm in Tomato, and imbalanced nutrition in Dairy sector. With KVK interventions like micro nutrient (boron and Zinc), application in Arecanut, Neem soap sprays in Pole beans, consultancies for installation of pheromone traps in Tomato, fruit fly trap in Cucumber and introduction of DHN-6, CO-5 and BG-2, he is getting annual net income of Rs. 424500 from the production of Pole beans, Cucumber, Arecanut, Tomato and Dairy enterprise.



Field view of tomato as intercrop under Arecanut



Cross learning programme to other farmers of district from progressive farmer



Name of farmer: Shanmuga S/O Narayana Reddy

Address:, Mudenahalli, Kanakapura

Karnataka

Age: 29

Education: BA

Size of land holding (in): 2.5 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	19	36100	23500
Field Crop 2	Ragi (GPU-28)	0.5	Grain: 4 Straw : 8	12800	7500
Livestock 1	Cattle	2	1850	49950	21500
Other enterprise (Specify)	Sericulture (Cocoon Production)	1.5	10	300500	125050
Total				399350	177550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	0.5	25	57500	38500	31.57	63.82
Field Crop 2	Ragi (GPU-28)	0.5	Grain: 4.8 Straw :10.5	15500	10550	20.00	40.66
Livestock 1	Cattle	3	2520	75600	46100	36.21	114.41
Other enterprise (Specify)	Sericulture(Cocoon production)	1.5	15	525000	327500	50	161.89
Total				673600	422650	-	138.04

Brief: The farmer used to get annual net income of Rs. 177550 from Paddy, Ragi, Cattle and Cocoon production. He faced problems like low yield and less income due to lack of knowledge on scientific cultivation practices. With DFI interventions like balanced application of nutrients, Use of biofertilizers viz VAM, Azatobacter, foliar spray of POSHAN, proper utilization of land by taking 12 mulberry crops per year to rear silkworms with advanced practices and nutrient management in mulberry cultivation, feed and fodder management in cattle, he is getting annual net income of Rs.422650 from the production of Paddy, Ragi, Cattle and marketing of cocoons.



Training on INM



Rearing of silk worm



Name of farmer: Ramesh S/O Venkataraj
Address: K.G. Hosahalli, Ramanagara T & District
Karnataka
Age: 42
Education: SSLC
Size of land holding (in): 1

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram	1	5	30500	24550
Field Crop 2	Ragi (GPU-28) (After Redgram)	1	Grain: 8 Straw : 15	25400	18500
Hort. Crop 1	Coconut (Border crop)	1	2250	24750	13500
Livestock 1	Cattle (HF)	1	1050	28350	13500
Total				109000	70050

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Component s	Names	Area ()/No	Production(Q /Liter/No.)	Gross Income	Net Incom	production	incom e
Hort. Crop1	Coconut (Border crop)	1	2600	34125	22125	15.55	63.88
Livestock 1	Cattle (2 Local, 2HF)	4	2100	63000	39500	100	192.59
Other enterprise (Specify)	Sericulture (Cocoon production)	1	17	595000	375000	>100	>100
Total				692125	436625	-	523.30

Brief: The farmer used to get annual net income of Rs.70050 from Ragi, Coconut, Redgram and Cattle .He faced problems like low yield and income due to the practice of monocropping of Ragi and traditional method of cultivation. With DFI interventions like changing to high remunerative crop like mulberry with scientific method of cultivation, recycling of sericulture waste into compost, INM, IPM, he is getting annual net income of Rs. 436625 from the production of Coconut, Cattle, marketing of cocoons.



INM in mulberry



Composting of sericulture wastes



Name of farmer: Cheluvamma W/O Narasimaiah

Address: Subbannana palya, HulikalKuduru Hobli, Magadi taluk

Ramanagara District

Karnataka

Age: 48

Education: -

Size of land holding (in): 2 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1	6.2	167400	117500
Hort. Crop 2	Coconut	1	4550	50050	31050
Hort. Crop 3	Sapota (Intercrop)	1	5	14500	7400
Livestock 1	Cattle (Local)	2	2520	68040	41500
Total				299990	197450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Arecanut	1	8.25	313500	218600	33.06	86.04
Field Crop 2	Banana + Cardomom (Intercrop in Arecanut)	1	110	132500	85600	100	100
Hort. Crop 1	Coconut	1	5250	68250	48250	15.38	55.39
Hort. Crop 2	Sapota (Intercrop in Coconut)	1	7	17500	11200	40	51.35
Livestock 1	Fish pond	1	10.50	94500	59500	>100	>100
Livestock 2	Sheep	30	950	475000	350000	>100	>100
Livestock 3	Cattle (HF-2)	2	6300	189000	95500	150	130.12
Livestock 4	Poultry (Local)	950	4.75	142500	95200	>100	>100
Total				1432750	963850	-	388.14

Brief: The farmer used to get annual net income of Rs.197450 from Arecanut, Coconut, Sapota and Cattle. She faced problems like less income due to monocropping and lack of knowledge on agri-based subsidiary activities. With KVK interventions like integrated farming system , efficient utilization of land, sun light and water through drip irrigation, fishery, mechanization ,feed and fodder management, she is getting annual net income of Rs. 963850 from the production of from Arecanut, Coconut, Sapota, Cattle, Banana, Cardamoms and livestock enterprises.



Fish rearing in farm pond



Multi storied cropping system



Name of farmer: Venkatesh, S/O Ramaiah
Address: Hoojagal , Kasaba Magadi, Ramanagara
Karnataka
Age: 55
Education: SSLC
Size of land holding (in) : 2 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (MR-1)	1.5	Grain: 14 Straw: 29	43500	25400
Field Crop 2	Cowpea	1.5	2.5	6250	5050
Hort. Crop 1	Garden Peas (Magadi local)	0.5	8.2	90200	55500
Livestock 1	Cattle (HF)	1	1470	39690	24500
Total				176940	110450

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi (MR-1)	1.5	Grain: 16 Straw: 29	50600	38500	14.29	51.57
Field Crop 2	Polebeans	1.5	46	111500	95500	>100	>100
Hort. Crop 1	Beans	1.5	27	55500	40500	>100	>100
Hort. Crop 2	Garden Peas (Magadi local)	0.5	11	220000	195000	34.14	251.35
Livestock 1	Cattle (HF)	2	3150	94500	59700	114.28	143.67
Livestock 2	Sheep and Goat	4	1.15	47500	38500	>100	>100
Total				579600	467700	-	323.44

Brief: The farmer used to get annual net income of Rs. 110450 from Ragi, Cowpea, Magadi garden peas and dairy. He faced problems like low income due to high expenditure on indiscriminate use of fertilizers and pesticides . With KVK interventions like fertigation in garden pea (Magadi Local), foliar spray of vegetable special and application of microbial consortium , IPM and feed and fodder management of livestock, he is getting annual net income of Rs. 467700 from the production of Ragi, Polebeans, beans, Magadi garden peas and livestock enterprises.



ICM in Magadi local garden pea



Training on application of AMC in garden pea



Name of farmer: Puttaswamy H. S. S/O Sanjeevaiah

Address: K.G. Hosahalli, Ramanagara District

Karnataka

Age: 54

Education: SSLC

Size of land holding (in): 3 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	32	57600	39600
Field Crop 2	Ragi (GPU-28)	0.5	Grain: 4.5 Straw : 10	14200	8100
Hort. Crop 1	Sericulture (Cocoon production)	0.5	3.7	111500	62500
Hort. Crop 2	Coconut	1	4850	53350	31500
Livestock 1	Cattle (HF)	2	4200	113400	57400
Total				350050	199100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy	1	51	107100	74500	59.37	88.13
Field Crop 2	Ragi (MR-6)	0.5	Grain: 5.1 Straw: 10.5	16300	10500	13.33	29.62
Hort. Crop 1	Sericulture (Cocoon production)	0.5	5.5	192500	125500	48.64	100.8
Hort. Crop 2	Coconut	1	5250	68250	43250	8.24	37.30
Livestock 1	Cattle (HF)	4	6300	189500	94500	50	64.63
Other enterprise (Specify)	Secretary in Dairy	-	11000	132000	118800	>100	>100
Total				705650	467050	-	134.58

Brief: The farmer used to get annual net income of Rs. 199100 from Paddy, Ragi, Sericulture, Coconut and cattle rearing. He faced problems like low soil fertility due to imbalance soil nutrient application. With DFI interventions like INM in mulberry, mechanization, IPM, feed and fodder management, he is getting annual net income of Rs.467050 from the production of Paddy, Ragi, Coconut, Dairy and cocoon marketing.



Field of mulberry applying Dr soil



Training on application of azatobacter and VAM in mulberry



Name of farmer: Usha G. W/o Sreenath
Address: Kondahalli, Kasaba Hobli, Magadi
Karnataka
Age: 40
Education: M com
Size of land holding (in): 5.ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi MR -1	2.0	19.0	53200	17200
Field Crop 2	Redgram (local)	0.5	1.6	8000	2200
Field Crop 3	Fodder(Maize)	2.50	360	54000	18000
Livestock 1	HF/Jersey/Local	14	12600	352800	163800
Total	-	-	-	469200	201200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (KMR-340)	0.5	6.4	23040	13240	10	81.04
Field Crop 1	Ragi MR -1	1.5	14.5	46200	17900		
Field Crop 3	Redgram BRG-3	0.5	2.00	11000	5200	25	136.36
Field Crop 4	Fodder(Maize, co-4)	2.50	400	60000	30000	11.11	66.66
Livestock 1	HF/jercy	22	25200	806400	362880	100	121.53
Other enterprises	Value addition to lemon, citron, ragi	-	2	32000	12800	>100	>100
Total	-	-	-	964440	442020	-	119.69

Brief: The farm women used to get annual net income of Rs. 201200 from Ragi, Redgram, Fodder and Dairy. She faced problems like low yield in Ragi, Redgram, Fodder and milk production. With KVK interventions like ICM and introduction of Ragi var. KMR-340 , Redgram variety BRG-3 and value addition, introduction of Fodder var. Co-4 and silage preparation , feed management in dairy , value ADDITION TO Citron, Lemon and White Ragi , she is getting annual net income of Rs. 442020 from the production of Ragi, Redgram, Milk and marketing of other value added products.



Redgram Plot



Dairy Enterprise



Name of farmer: Manjula w/o Kumar

Address: Biskur, Magadi Taluk, Ramanagara District

Karnataka

Age: 42

Education: SSLC

Size of land holding (in): 3ac

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi MR-1	1.00	11	30800	8900
Field Crop 2	Redgram (local)	0.5	1.6	8000	2200
Field crop 3	Field bean (local)	0.4	4.0	18000	8300
Horti.Crop 1	Arecanut	1.10	6	174000	105000
Horti crop 2	Ridgegourd (Intercrop in Arecanut)	1.10	52	78000	32000
Livestock 1	HF/Jersey	2	4200	117600	47040
Total	-	-	-	444400	203440

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi MR-1	1.00	14	44800	23800	27.27	167.41
Field Crop 2	Redgram BRG -5	0.5	1.9	10640	4440	18.75	101.81
Field crop 3	Field bean (HA-4)	0.4	4.2	23100	13050	5	57.22
Hort. Crop 1	Arecanut	1.10	6.8	210800	130800	13.33	24.57
Horti crop-2	Ridgegourd (Intercrop in Arecanut)	1.10	65	130000	79000	25	146.87
Horti crop-3	snakegourd (Intercrop in Arecanut)	1.10	48	96000	51000	>100	>100
Livestock 1	HF/jercy	4	6720	215040	109220	60	132.18
Other enterprises	Value addition to Ragi	-	Malt-200 Papad-200	40000 20000	18000 90000	>100	>100
Total	-	-	-	770380	519310	-	155.26

Brief: The farm women used to get annual net income of Rs. 203440 from Ragi, Redgram, Field bean, Arecanut and Dairy. She faced problems like low yield in Ragi, Redgram and milk production. With KVK interventions like ICM in Ragi, Redgram (BRG-5), Field bean (HA-4), Arecanut and promotion of intercrop in Arecanut with IPDM practices, introduction of Fodder var. DHN-6 and value addition through trainings and consultancies, she is getting annual net income of Rs. 519310 from the production of Ragi & its Value addition, Redgram, Field bean and milk production.



Dairy enterprise



Ragi crop



Value addition to Ragi

Name of farmer: Chandrashekhar A.R S/o Rajashekaraiiah

Address: Areshankharmatta Hosahalli, , Magadi

Karnataka

Age: 42

Education: Degree

Size of land holding (in): 6



1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field crop 1	Redgram (Local)	1	2.9	14500	8700
Hort. Crop 1	Arecanut	2	6.5	208000	113750
Hort. Crop 2	Banana(G-9)	0.5	245.0	176000	125600
Livestock 1	Cows(HF)	4	6720	141120	30930
Enterprise	Arecanut plate making unit	1	156250	400000	146250
Total	-	-	-	1050500	425230

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field crop 1	Redgram (BRG-5)	1	4.2	25200	16800	44.82	93.10
Hort. Crop 1	Arecanut	1	7.5	307500	135600	15.38	19.20
Hort. Crop 2	Banana(G-9)	0.5	339	339000	271850	38.36	116.44
Livestock 1	Cows (HF)	6	9516	266000	198600	41.60	542.09
Livestock 2	Sheep and Goat	4	1.12	31360	11360	>100	>100
Enterprise	Arecanut plate making unit	2	280000	750000	306200	79.2	109.36
Total	-	-	-	1411560	940410	-	121.15

Brief: The farmer used to get annual net income of Rs. 425230 from Arecanut, Redgram, Banana, Dairy and Arecanut plate making unit. He faced problems like Button shedding, Budrot, Rhizome rot, low soil fertility, low yield in banana and low milk yield. With KVK interventions like Micro nutrients and Bio-fertilizer application in Arecanut and Banana, ICM in Redgram (BRG-5), Feed and fodder management practices in dairy animals, scientific Sheep and Goat rearing etc., after participation in various trainings of KVK helped him to get annual net income of Rs. **940410** from the production of Redgram, Arecanut, Banana, Dairy, Sheep and Goat and Arecanut plate making enterprise.



Arecanut field



Arecanut pate making unit



Name of farmer: Bhagyalakshmi w/o Rajanna

Address: Narasahanumayyana palya, Magadi

Karnataka

Age: 35

Education: SSLC

Size of land holding (in): 2.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (MR-6)	1	8	20000	8950
Horti.Crop 2	Arecanut	0.5 (300 nos.)	3	85000	49000
Hort. Crop 2	Tomato(intercrop in arecanut)	0.5	70	56200	24,550
Livestock 1	Cows	3 nos.	3840	103680	43,700
Total	-	-	-	105000	126200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-1)	0.5	5	15500	9500	18.75	162.56
Field Crop 2	Ragi (KMR -340)	0.5	4.5	27000	14000		
Horti.Crop 1	Arecanut	0.5	3.9	120900	75900	30	54.89
Hort. Crop 2	Brinjal	0.2	11.32	28300	19700	>100	>100
Hort. Crop 2	Tomato (intercrop in arecanut)	0.5	90	90090	45600	28.57	85.74
Livestock 1	Cows	3	5520	187200	93600	43.75	114.18
Live stock 3	Poultry (Swarnadhara)	15	37.5	11250	8750	>100	>100
Total	-	-	-	480240	267050	-	111.6

Brief: The farmer used to get annual net income of Rs. 126200 from Ragi, Arecanut and Dairy unit. She faced problems like low yield in Ragi, Arecanut and lack of knowledge on feed and fodder management in livestock. With KVK interventions like ICM in Ragi var. MR-1 and KMR-340 and value addition and IPDM practices in field and horticulture crops, micro irrigation techniques, consultancies on poultry, fodder crops and irrigation, she is getting annual net income of Rs 267050 from the production of Ragi and its value addition, Arecanut, vegetable crops and with better management in livestock unit using different types of fodder, azolla and feeds and poultry unit.



Brinjal crop



Backyard poultry



Name of farmer: Nanjamma W/O Parama shivaiah

Address: Kalari, Magadi (T), Ramanagara (D)

Karnataka

Age: 45

Education: SSLC

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	1	Grain: 8 Straw : 22	26900	13500
Field Crop 2	Redgram (BRG-1)	0.5	2.5	13000	8000
Hort. Crop 1	Coconut	1	3600	44000	32000
Hort. Crop 2	Brinjal (Intercrop in Coconut)	0.5	20	40000	25000
Livestock 1	Cow	1	1800	45000	28000
Total	-	-	-	1,68,900	1,06,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	1	Grain: 10 Straw: 25	35000	20000	25.00 13.63	48.10
Field Crop 2	Redgram (BRG-3)	0.5	3.0	18000	12400	20.00	55
Hort. Crop 1	Coconut	1	5000	68000	51000	38.88	59.37
Hort. Crop 2	Brinjal (Intercrop in Coconut)	0.5	32	68000	50000	60.00	100
Hort. Crop 3	Tomato (Intercrop in Coconut)	0.5	70	86000	61000	>100	>100
Livestock 1	Cow	2	4800	134400	53760	33.33	92.00
Total	-	-	-	4,09,400	2,48,100	-	132.9

Brief: The farmwoman used to get annual income of Rs. 1,06,500 from Ragi, Redgram, Coconut, Brinjal and Dairy. She faced problems like low yield in Ragi, Redgram due to poor nutrient management and wilt disease in Redgram, nut shedding in Coconut and less milk production due to improper feeding practices. With KVK interventions like introduction of BRG-3 Redgram variety and integrated crop management in Ragi, Redgram, Coconut and introduction of intercrops in Coconut and integrated pest and disease management in Vegetables and improved dairy practices resulted in net income of Rs. 2,48,100.



Introduction of BRG-3 Redgram variety



Field day conducted in Redgram field



Name of farmer: Prabhurama S/O Ramaiah

Address: Beur Mandya, Channapatna (T), Ramanagara(D)

Karnataka

Age: 50

Education: BA, LLB

Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Indaf-7)	1	Grain: 10 Straw: 26	34000	18000
Hort Crop 1	Coconut	2	7800	95000	65000
Hort. Crop 2	Fodder(Local)(Utilized for Cows)	1	250	50000	35000
Livestock 1	Cow (HF)	7	13200	300000	200000
Other enterprise (Specify)	Mulberry (Cocoon yield)	1	6	180000	100000
Total	-	-	-	6,59,000	4,18,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	1	Grain: 12 Straw: 30	45000	27800	20.00 15.38	54.44
Field Crop 2	Coconut	2	10000	150000	115000	28.20	76.92
Hort. Crop 1	Fodder (DHN-6)	2	640	128000	85000	156.00	142.80
Livestock 1	Cows (HF)	10	20000	560000	390000	51.51	95
Livestock 2	Sheep	20	5	150000	80000	>100	>100
Other enterprise (Specify)	Mulberry (Cocoon yield)	1	6.5	227000	160000	8.33	60
Total	-	-	-	12,60,000	8,57,800	-	105.21

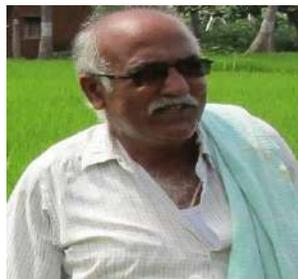
Brief: The farmer used to get annual income of Rs. 4,18,000 from Ragi, Coconut, Dairy and Sericulture. He faced the problems like low yield in Ragi, Coconut and Mulberry due to improper nutrient management and pest and diseases and low milk yield due to shortage of Green fodder. With KVK interventions like integrated crop management in Ragi, Coconut, Mulberry and introduction of diversified fodder crops such as DHN-6 and CoFs-31 and scientific livestock feeding practices has resulted in net income of Rs. 8,57,800.



Diversified fodder crops management



Scientific dairy management practices



Name of farmer: Kemparaju S/O Junjappa

Address: Gejagara Kuppe, Magadi(T), Ramanagara (D)

Karnataka

Age: 55

Education: II PUC

Size of land holding (in): 9

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi(GPU-28)	2	Grain: 20 Straw: 48	66000	30000
Field Crop 2	Paddy(IR-64)	2	Grain: 22 Straw: 70	40000	22000
Field Crop 3	Redgram(Local)	1	3	17000	9000
Hort. Crop 1	Coconut	2	8000	96000	65000
Hort. Crop 2	Mango	2	90	175000	140000
Livestock 1	Cow	1	1800	72000	50000
Total	-	-	-	4,66,000	3,16,000

Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	2	Grain: 25 Straw: 60	92000	52000	25.00 25.00	73.33
Field Crop 2	Paddy (RNR15048)	1	Grain: 26 Straw: 78	46600	27100	136.36 122.86	23.18
Field Crop 3	Redgram (BRG-5)	1	4.5	25000	14300	50.00	58.80
Hort. Crop 1	Coconut	2	10500	155000	120000	31.25	84.61
Hort. Crop 2	Mango	2	115	265000	224000	27.70	60
Livestock 1	Cows (Sahival)	3	5000	200000	155000	177.70	210
Livestock 2	Sheep	10	2.5	75000	45000	>100	>100
Total	-	-	-	8,58,600	6,37,400	-	101.70

Brief: The farmer used to get annual income of Rs.3,16,000 from Ragi, Paddy, Redgram, Coconut, Mango and Dairy . He faced problems like low yield in Ragi, Paddy, Redgram and Coconut due to improper nutrient management and low yield in Mango due to pest & disease infestation and less production due to imbalanced feed and fodder management. With KVK interventions like scientific nutrient management using improved varieties in Ragi (MR-6), Paddy (RNR-15048), Redgram (BRG-5) and Coconut , introduction of Sahival breed of Cows and Sheep with balanced feed and fodder management has resulted in higher net income of Rs.6,37,400.



Scientific nutrient management in Paddy



Scientific feed and fodder management



Name of farmer: Appaji S/O Shivalingaiah
Address: Ankanahalli, Ramanagara (T), Ramanagara (D)
Karnataka
Age: 50
Education: II PUC
Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	1	Grain: 11 Straw: 26	36800	21500
Field Crop 2	Redgram (BRG-1)	0.5	2	11300	5000
Hort. Crop 1	Mango	2	55	130000	100000
Hort. Crop 2	Coconut	1.5	5000	75000	50000
Livestock 1	Sheep	10	2.2	66000	40000
Livestock 2	Cow	2	2000	50000	30000
Total	-	-	-	3,69,100	2,46,500

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	1	Grain: 14 Straw: 33	51000	32500	27.27 26.92	51.16
Field Crop 2	Redgram (BRG-5)	0.5	3	18000	10000	50	100
Hort. Crop 1	Mango	2	90	225000	150000	63.43	50.00
Hort. Crop 2	Coconut	1.5	6500	95000	67000	30	34.00
Livestock 1	Sheep	20	5	165000	90000	127.27	125
Livestock 2	Cow	2	2800	85000	52000	40	73.33
Livestock 3	Poultry (Nati)	1000	22	175000	100000	>100	>100
Total	-	-	-	8,14,000	5,01,500	-	103.40

Brief: The farmer used to get annual income of Rs. 2,46,500 from Ragi, Redgram, Mango, Coconut and livestock. He faced the problems like low yield in Ragi, Redgram and Coconut; due to improper nutrient management and low yield in Mango; due to pests and disease infestation. With KVK interventions like Consultancy & training on balanced feed and fodder management for livestock and introduction of poultry as an enterprise high yielding varieties of Ragi (MR-6), Redgram (BRG-5) and integrated crop management in Coconut. Mango enhanced the net income of Rs.5,01,500.



Fodder management practices



Poultry Rearing Unit



Name of farmer: Divya W/O Revanasiddaiah
Address: Kalari , Magadi (T), Ramanagara (D)
Karnataka
Age: 30
Education: II PUC
Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU 28)	1	Grain: 7.5 Straw: 14	23800	12500
Field Crop 2	Redgram (Local)	0.5	1.5	8250	5250
Hort. Crop 1	Arecanut	0.5	2.5	80000	32500
Hort. Crop 2	Chrysanthemum	0.5	15	90000	62000
Hort. Crop 3	Tomato	0.5	51	61200	31000
Livestock 2	Cattle (HF)	4	5100	137700	89700
Total	-	-	-	4,00,950	2,32,950

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Ragi (MR -6)	1	Grain: 9 Straw : 18	29000	15000	20.00 28.57	20.00
Field Crop 2	Redgram (BRG- 3)	0.5	2.3	13800	9500	53.33	80.95
Hort. Crop 1	Arecanut	0.5	3.9	136500	105000	56	223.0
Hort. Crop 2	Chrysanthemum	0.5	21	168000	125000	40	101.61
Livestock 1	Tomato	0.5	61	109800	80000	19.60	158
Livestock 2	Cattle (HF)	4	6450	193500	135000	26.47	50.50
Total	-	-	-	6,50,600	4,69,500	-	101.54

Brief: The farmwomen used to get annual income of Rs. 2,32,950 from Ragi, Redgram, Arecanut, Chrysanthemum, Tomato and Dairy . She faced problems like low yield due to poor soil fertility management, nut splitting in Arecanut; late blight, early blight and fruit drop in Tomato; leaf blight and Thrips in Chrysanthemum; pod borer in Redgram. With DFI interventions like integrated crop management in Chrysanthemum like RDF, fertigation, MC application, Neem cake application and use of sticky traps; management of nut splitting in Arecanut, IPM in Tomato, Introduction of BRG-3 variety, pheromone traps installation and foliar spray of Pulse magic in Redgram, fodder cultivation management and introduction of CoFS-31 fodder, She is getting annual income of Rs.4,69,500 from the production of Ragi, Redgram, Arecanut, Chrysanthemum, Tomato and Dairy .



Integrated crop management Chrysanthemum



Integrated crop management in Tomato



Name of farmer: Ankappa A.C. S/O Lingegowda
Address: Anigere, Channapatna (T) , Ramanagara (D)
Karnataka
Age: 48
Education: BA
Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Indof -8)	1	Grain: 10.5 Straw: 25.1	33580	15580
Field Crop 2	Paddy (JGL 1798)	1	Grain: 21.5 Straw: 52.8	41950	30950
Hort. Crop 1	Coconut	3	13095	117855	92855
Total	-	-	-	1,93,385	1,39,385

2) Status in 2020

Component Description4640		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	1	Grain: 12.25 Straw: 25.9	44460	27960	16.66 3.18	79.46
Field Crop 2	Paddy (Omkar)	1	Grain: 25.25 Straw: 62.15	53215	41715	17.44 17.70	34.78
Hort. Crop 1	Coconut	3	16200	194400	175400	23.71	88.89
Hort. Crop 2	Tomato (Intercrop in Coconut)	3	405	324000	219000	>100	>100
Total	-	-	-	6,16,075	4,64,075	-	232.94

Brief: The farmer used to get annual income of Rs. 1,39,385 from Ragi, Paddy and Coconut. He faced problems like low yield due to neck blast in Ragi, poor soil fertility management and nut dropping in Coconut; brown plant hopper and leaf roller in Paddy. With KVK interventions like IPM and mechanization in Ragi; IPM in Paddy, recommended dose of fertilizers application, application of ZnSO₄ and borax to Coconut, plucking coconut by using Coconut climber, introduction of intercrop in Coconut, he is getting annual income of Rs.4,64,075 from the production of Ragi, Paddy, Coconut and Tomato as intercrop in Coconut.



Training on micro irrigation



Shredding of Coconut fronds for composting



Name of farmer: Sathish S/O Shivnanjaiah

Address: Krishnarajapura , Kootagal , Ramanagara (T), Ramanagara (D)

Karnataka

Age:43

Education: II PUC

Size of land holding (in): 5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Mango	4	610	289500	190500
Field Crop 2	Mulberry (Cocoon production)	1	7.21	201880	79500
Total	-	-	-	4,91,380	2,70,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Mango	4	785	392500	295500	28.69	55.11
Field Crop 2	Tree mulberry (Cocoon production)	1	8.25	275750	185200	14.4	132.96
Hort. Crop 2	Leafy vegetables (Intercrop in Mulberry)	1	55	110000	99500	>100	>100
Total	-	-	-	7,78,250	5,80,200	-	114.88

Brief: The farmer used to get annual income of Rs.2,70,000 from Mango and Mulberry. He faced problems like low yield and low income due to poor soil fertility management, fruit fly & fruit drop in Mango. With KVK interventions like composting of Sericulture waste using waste decomposer, Biodigester and applying li uid biofertilizers through drip system, promotion of tree mulberry and utilization of inter space in Mulberry for growing of leafy vegetables like Fenugreek , Coriander, Spinach, Dill leaves, Amaranthaus etc., he is getting annual income of Rs.5,80,200 from the production of Cocoon, Mango and leafy vegetables.



Preparation of Vermicompost from Sericulture and farm waste



Application of li uid fertiliser through drip from Biodigester



Name of farmer: Cheluvraj S/O Dasegowda

Address: Doddamaralvadi, Maralvadi, Kanakapura (T), Ramanagara (D)

Karnataka

Age: 33

Education: II PUC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sericulture (Cocoon production)	2	15	450000	310000
Field Crop 2	Banana (G-9)	2	130	390000	234000
Livestock 1	Cattle	4	3520	95040	52840
Total	-	-	-	9,35,040	5,96,840

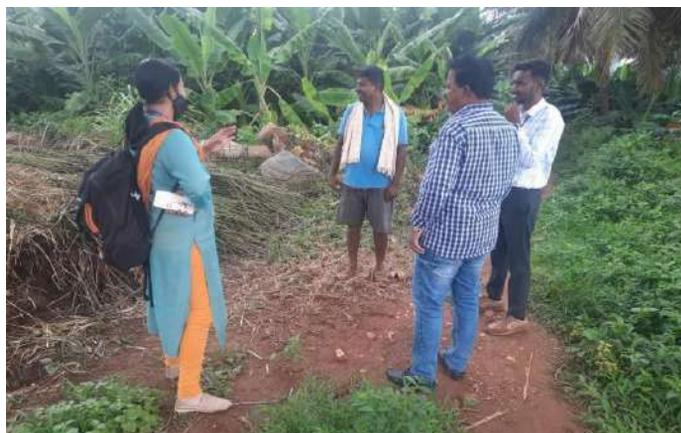
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Sericulture (Cocoon production)	1.5	17.40	661200	521200	54.67	68.12
Field Crop 2	Banana (G-9)	2.0	150	510000	413000	15.38	76.49
Hort. Crop 1	Papaya	0.5	140	210000	170000	>100	>100
Livestock 1	Cattle	7	4620	143220	98220	31.25	85.88
Total	-	-	-	15,24,420	12,02,420	-	101.46

Brief: The farmer used to get annual income of Rs. 5,96,840 from Banana, Cocoon production and Dairy. He faced problems like low yield and less income due to lack of knowledge in scientific cultivation practices, poor soil nutrient management. With KVK interventions like balanced application of nutrients, foliar spray of micronutrients, Banana special in Banana, Poshan spray in Mulberry, biofertilizers application, recycling of Sericulture waste using waste decomposer, proper utilization of land by taking 12 Mulberry crops per year to rear Silkworm, with advanced practices, feed and fodder management in Cattle, he is getting annual income of Rs. 12,02,420 from the production of Banana, Papaya, Cocoon production and Dairy.



Papaya grown under ICM



Field visit by Scientist and department officials



Name of farmer: Jyothi B . Nagaraj W/O Nagaraj Subramanya

Address: Kadujaksandra , Harohalli, Kanakapura (T), Ramanagara (D)

Karnataka

Age: 45

Education: BE

Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Mango	1	20	5000	31000
Field Crop 2	Jackfruit	0.5	300 nos	10000	7000
Hort. Crop 1	Sapota	0.5	2	6000	5000
Livestock 1	Cattle	2	2100	56700	21700
Total	-	-	-	1,22,700	64,700

2) Status in 2020

Component Description		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	1	30	100000	51000	50	64.51
Field Crop 2	Jackfruit	0.5	400nos	18000	15500	33.33	121
Hort. Crop 1	Sapota	0.5	3.5	15750	13500	75.0	170
Livestock 1	Cattle	2	2680	77720	54200	27.62	149.86
Other enterprise (Specify)	Value addition Jackfruit	-	Chips – 0.5 Papad – 200 packs	15000 20000	9000 12000	>100	>100
Other enterprise (specify)	Value addition in Mango	-	Jam- 2	50000	41000	>100	>100
Total	-	-	-	2,96,470	1,96,220	-	203.27

Brief: The farmwomen used to get annual income of Rs.64,700 from Mango, Jackfruit, Sapota and Dairy farming. She faced problems like marketing of Jackfruit and Mango, low price for the produce, poor soil fertility management. With KVK interventions such as consultancies & trainings on farming mechanization , Vermicomposting, application of microbial consortium, waste decomposer, feed and fodder management, direct marketing of produce, value addition of Jackfruits into papad & chips, jam preparation from Mango, she is getting annual income of Rs.1,96,220 from the production of Mango, Jackfruit, Sapota, Dairy enterprise, Value addition in Jackfruit and Mango.



Field visit by scientists



Mechanization



Name of farmer: Veena W/O Anandaswami

Address: Achalu , Ramanagara (T),Ramanagara(D)

Karnataka

Age: 38

Education: II PUC

Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU- 28)	0.5	Grain: 8 Straw: 18	26500	16500
Field Crop 2	Paddy (BPT)	0.5	Grain: 10 Straw : 21	24300	11800
Hort. Crop 1	Mulberry (Cocoon production)	1	7.1	213000	117000
Total	-	-	-	2,63,800	1,45,300

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR- 6)	0.5	Grain: 12 Straw: 24.5	38500	28500	50.00 36.11	72.72
Field Crop 2	Paddy (Omkar)	0.5	15 28	36150	26650	50 33.33	125.85
Hort. Crop 1	Mulberry (Cocoon production)	1	11.5	402500	306000	61.97	161.54
Total	-	-	-	4,77,150	3,61,150	-	148.55

Brief: The farmwomen used to get annual income of Rs.1,45,300 from Ragi, Paddy and Cocoon production. She faced problems like low yield and low income due to low soil fertility management, leaf roller, stem borer in Paddy, neck blast in Ragi, pest and disease in Silkworm. With KVK interventions like integrated nutrient, pest & disease management in Mulberry, microbial consortium, Poshan, RDF application, need based application of pesticides, trenching and mulching in Mulberry, adoption of advanced scientific method of Silkworm rearing , introduction of high yielding varieties of Ragi and Paddy, she is getting annual income of Rs.3,61,150 from the production of Ragi, Paddy and Cocoon production.



Mulberry field visit by scientists



Soil sampling in Mulberry garden



Name of farmer: Veerabadra S/O Rudraiah
Address: Kalari , Magadi (T), Ramanagara (D)
Karnataka
Age: 31
Education: SSLC
Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Arecanut	1	5.2	140400	90400
Field Crop 2	Rose	1	80.5	201250	141250
Hort. Crop 1	Chrysanthemum	2	88	440000	335000
Total	-	-	-	7,81,650	5,66,650

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Arecanut	1	7.98	239400	191400	53.46	111.72
Field Crop 2	Rose	1	101	303000	263000	25.46	86.19
Hort. Crop 1	Chrysanthemum	2	107.90	863200	773200	22.61	130.80
Total	-	-	-	14,05,600	12,27,600	-	116.64

Brief: The farmer used to get annual income of Rs.5,66,650 from Arecanut, Rose and Chrysanthemum .He faced problems like blight and poor quality flowers in Chrysanthemum, nut splitting in Arecanut, Bud rot in Rose. With DFI interventions like application of Borax, Zinc sulphate, RDF, Microbial consortium, neem cake and green manuring in Arecanut, ICM and fertigation in Chrysanthemum, ICM in Rose, he is getting annual income of Rs.12,27,600 from the production of Arecanut, Rose and Chrysanthemum.



Training on INM in Arecanut



Chrysanthemum field visit by scientists



Name of farmer: S. Padmaraju S/O late Shivalingaiyah

Address: Shanaboganahalli , Kutagal Hobli , Ramanagara (T), Ramanagara (D)
Karnataka

Age: 60

Education: SSLC

Size of land holding (in): 4

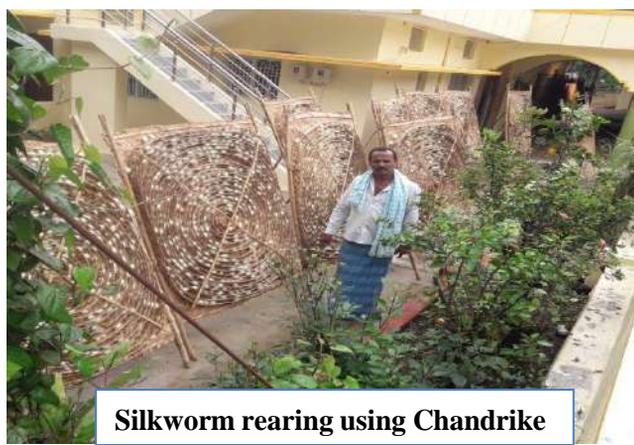
1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2	6200	77500	53,500
Hort. Crop 2	Papaya	1	162	97200	69200
Other enterprise (Specify)	Sericulture (cocoon production)	1	5.2	1,66,400	91400
Total	-	-	-	34,11,00	2,14,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	2	8200	123000	91000	32.25	70.09
Hort. Crop 2	Papaya	1	255	204000	168000	57.40	142.77
Other enterprise (Specify)	Sericulture (cocoon production)	1	7.7	3,46,510	226500	48.07	147.81
Total	-	-	-	6,73,510	4,85,500	-	126.76

Brief: The farmer used to get an annual income of Rs. 2,14,100 from Coconut, Papaya and Cocoon production. He faced problems like black headed caterpillar and whiteflies infestation and stem bleeding disease in Coconut; ring spot virus incidence in Papaya; leaf folder infestation in mulberry and Ujifly infestation in Silkworm rearing house. With KVK interventions like integrated management practices of nutrient, pest and diseases in Coconut; integrated management of Whiteflies and nutrient application in Papaya; integrated pest management practices in Mulberry and Ujifly management in Silkworm rearing house, he is getting an annual income of Rs.4,85,500 from the production of Coconut, Papaya and Cocoon production.



Silkworm rearing using Chandriki



Root feeding for stem bleeding management in Coconut



Name of farmer: P.N. Shankarappa S/O late Nagappa

Address: Paddavanayanapalya, Harohalli Hobli, Kankpura (T), Ramanagara (D)

Karnataka

Age: 52

Education: BA

Size of land holding (in): 5 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-2)	1	1.4	7000	3000
Field Crop 2	Paddy (BPT-5204)	1	19	35150	10583
Hort. Crop 1	Dolichos (Local)	1	22	66000	41000
Hort. Crop 2	Coconut	2	6400	80000	54000
Total	-	-	-	1,88,150	1,08,583

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (BRG-5)	1	2.9	14500	10500	107.14	250.00
Field Crop 2	Paddy (BPT-5204)	1	28.5	55290	25365	50.00	139.67
Hort. Crop 1	Dolichos (HA-4)	1	28.7	129150	99150	30.45	141.82
Hort. Crop 2	Coconut	2	8240	131840	99340	28.75	83.96
Total	-	-	-	3,30,780	2,34,355	-	115.81

Brief: The farmer used to get an annual income of Rs. 1,08,583 from Redgram, Paddy, Dolichos and Coconut. He faced problems like yield loss due to fusarium wilt in Redgram; leaf folder and stem borer infestation in Paddy; pod borer infestation in Dolichos, non-judicious application of fertilizers and pest infestations in Coconut. With KVK interventions like introduction of wilt resistant Redgram variety BRG-5; demonstration on integrated pest management practices in Paddy; introduction of sex pheromone traps to monitor and manage pod borers in Dolichos, integrated crop management in Coconut, he is getting an annual income of Rs. 2,34,355 from the production of Redgram, Paddy, Dolichos and Coconut.



Integrated Crop Management in Paddy



Climbing of tree using Coconut climber



Name of farmer: Ramakrishna S/O Late Boraiah

Address: Kurubarahalli , Kutagal Hobli, Ramanagara(T), Ramanagara (D) Karnataka

Age: 63

Education: II PUC

Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango (Badami)	4	210	3,50,000	2,20,000
Hort. Crop 2	Coconut	2	6500	78,000	56,000
Total	-	-	-	4,28,000	2,76,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Mango (Badami)	4	250	1250000	800000	19.04	263.63
Hort. Crop 2	Coconut	2	8750	140000	1,10,000	34.61	96.42
Total	-	-	-	13,90,000	9,10,000	-	229.71

Brief: The farmer used to get an annual income of Rs. 2,76,000 from Mango and Coconut. He faced problems like less yield due to application of fertilizers and nutrients, fruit fly infestation in Mango; lack of knowledge on nutrients and pest management in Coconut. With KVK interventions like integrated crop management of Mango and direct marketing, demonstrations on scientific application of fertilizers, micronutrients and pest management practices in Coconut, he is getting an annual income of Rs. 9,10,000 from the production of Mango and Coconut.



Methyl eugenol traps to manage Fruit flies



Release of *Goniozus nephantidis* parasitoid in Coconut orchards



Name of farmer: Siddaraju S/O Late Revanna

Address: Basaranapalya, Kasaba Hobli, Magadi(T), Ramanagara(D)

Karnataka

Age: 62

Education: SSLC

Size of land holding (in): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	4	180	3,00,000	2,10,000
Hort. Crop 2	Rose	1	9.2	73,600	35,600
Hort. Crop 3	Banana (G-9)	1	177	141600	91600
Livestock 1	Ridge gourd	1	80	72,000	42,000
Total	-	-	-	5,87,200	3,79,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Mango	4	220	13,20,000	9,10,000	22.22	333.33
Hort. Crop 2	Rose	1	12.9	1,29,000	89,000	40.21	150.00
Hort. Crop 3	Banana (G-9)	1	204	244800	202800	15.25	121.39
Hort. Crop 4	Ridge gourd	1	105	1,26,000	86,000	31.25	104.76
Total	-	-	-	18,19,800	12,87,800	-	239.60

Brief: The farmer used to get an annual income of Rs. 3,79,200 from Mango, Rose, Banana and Ridge gourd. He faced problems like low yield due to fruit fly incidence and less market price in Mango; thrips infestation in Rose; yellow vein mosaic virus in Ridge gourd, lack of quality fruits and low yield in Banana. With KVK interventions like integrated nutrient and pest management, safe ripening and direct marketing in Mango; integrated nutrient and pest management in Rose ; integrated management of yellow vein mosaic virus in Ridge gourd, and integrated crop management in Banana (G-9), he is getting an annual income of Rs.12,87,800 from the production of Mango, Rose, Banana and Ridge gourd.



ICM in Banana (G-9)



Innovative activity on safe ripening using ethrel and direct marketing in Mango



Name of farmer: Balakrishna S/O Ramadasappa

Address: Kyasapura , Kuragal hobli ,Ramanagara (T), Ramanagara (D)

Karnataka

Age: 41

Education: B.Sc.

Size of land holding (in): 5 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango	3	140	2,50,000	1,70,000
Hort. Crop 2	Coconut	1	3300	39,600	28,600
Other enterprise (Specify)	Sericulture (Cocoon production)	1	5.5	2,20,000	1,12,000
Total	-	-	-	5,09,600	3,10,600

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Mango	3	187	6,54,000	5,04,000	33.57	196.47
Hort. Crop 2	Coconut	1	4300	64,500	52,500	30.30	83.56
Other enterprise (Specify)	Sericulture (Cocoon production)	1	7.8	3,51,000	2,31,000	41.81	106.25
Total	-	-	-	10,69,500	7,87,500	-	153.54

Brief: The farmer used to get an annual income of Rs. 3,10,600 from Mango, Coconut and Cocoon production. He faced problems like Mango hoppers and fruit fly incidence in Mango, low market price; non-judicious use of nutrients and pest problems in Coconut; and Mulberry; Uji fly infestation in Silkworm rearing house. With KVK interventions like demonstrations on integrated crop management, safe ripening and direct marketing in Mango; integrated management of nutrients and pests in Coconut and Mulberry and introduction of sex pheromone traps for the management of Ujifly in silkworm rearing house, he is getting an annual income of Rs. 7,87,500 from the production of Mango, Coconut and Cocoon production.



Integrated nutrient and pest management in Mulberry



Demonstration on Arka borer formulation to manage stem borer infestation in Mango



Name of farmer: Dasappa S/O Kalabori

Address: Bannikuppe, Harohalli Hobli , Kanakapura (T), Ramanagara (D)

Karnataka

Age: 60

Education: 4th

Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (MR-6)	1	6.5	19500	5000
Hort. Crop 1	Brinjal	1	88	79200	44200
Hort. Crop 2	Ridge gourd	1	79	86900	51900
Total	-	-	-	1,85,600	1,01,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	1	9.5	29440	11440	46.15	128.80
Hort. Crop 1	Brinjal	1	105	126000	83000	19.31	87.78
Hort. Crop 2	Ridge gourd	1	111	155400	114400	40.50	120.42
Total	-	-	-	3,10,840	2,08,840	-	106.56

Brief: The farmer used to get an annual income of Rs. 1,01,100 from Ragi, Brinjal and Ridge gourd. He faced problems like neck blast disease in Ragi; shoot and fruit borer infestation in Brinjal; low yield due to yellow mosaic virus disease in Ridge gourd. With KVK interventions like demonstration on integrated nutrient and disease management in Ragi; integrated management on Brinjal shoot and fruit borer; effective management approaches to yellow mosaic virus in Ridge gourd, he is getting an annual income of Rs. 2,08,840 from the production of Ragi, Brinjal and Ridge gourd.



Integrated management of shoot and fruit borer in Brinjal



Integrated management of yellow mosaic virus in Ridge gourd



Name of farmer: Mohan Kumar K S/O Kambegowda

Address: Aralakuppe, Madbalu Hobli, Magadi (T), Ramanagara (D)

Karnataka

Age: 32

Education: Diploma (Computer Science)

Size of land holding (in): 9 s

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	6	42900	471900	270800
Hort. Crop 2	Chow Chow (Intercrop in Coconut)	1	135	135000	72900
Hort. Crop 3	Kakada	0.1	2.64	79200	42850
Hort. Crop 4	China aster	0.5	7.3	36500	20300
Total	-	0.5	-	7,22,600	4,06,850

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	6	52800	712800	505200	23.07	86.55
Hort. Crop 2	Chow Chow (Intercrop in Coconut)	1	175	210000	135700	29.62	86.14
Hort. Crop 3	Tomato	1	245	257250	152300	>100	>100
Hort. Crop 4	Kakada	0.1	3.05	106750	62750	15.53	46.44
Hort. Crop 5	Brinjal	1	109.7	131640	79300	>100	>100
Hort. Crop 6	Drumstick (Intercrop in Coconut)	1	28	112000	65700	>100	>100
Total				15,30,440	10,00,950	-	146.02

Brief: The farmer used to get annual income of Rs. 4,06,850 from Coconut, Chowchow, Kakada and China aster. He faced problems like Rhinoceros beetle and Black headed caterpillar in Coconut, Late blight and Bacterial wilt in Tomato, Shoot and fruit borer in Brinjal and Flower drop in Drumstick. With KVK interventions like installation of RB lure trap in Coconut, Prophylactic sprays in Tomato, Installation of Pheromone traps in Brinjal and consultancies to ICM in Chow chow, Kakada, China aster and Drumstick, he is getting annual income of Rs. 10,00,950 from the production of Coconut, Chow chow, Tomato, Kakada, Brinjal and Drumstick .



Growing of green manure crops in Coconut garden



Intercropping of Chow Chow under Coconut garden



Name of farmer: Naveen S/O Tibbegowda

Address: Mayanayakanahalli, Channapattana (T), Ramanagara (D)

Karnataka

Age: 35

Education: II PUC

Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	3	9300	97650	54350
Hort. Crop 2	Banana (G-9)	1.5	432	302400	179350
Livestock 1	Cow	3	3840	92160	52050
Livestock 2	Poultry (Local)	1000	12.5	212500	113300
Total	-	-	-	7,04,710	3,99,050

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Papaya	0.5	127	101600	65290	>100	>100
Hort. Crop 1	Coconut	3	10800	145800	86330	16.12	58.84
Hort. Crop 2	Banana (G-9)	2.5	748	598400	383300	73.14	113.71
Livestock 1	Cow	5	6600	184800	105650	71.87	102.97
Livestock 2	Poultry (Local)	2000	27	513000	271500	116.00	139.62
Total	-	-	-	15,43,600	9,12,070	-	128.56

Brief: The farmer used to get annual income of Rs. 3,99,050 from Coconut, Banana, Poultry and Dairy enterprise. He faced problems like Rhinoceros beetle and Button shedding in Coconut, Imbalanced nutrient management and lack of knowledge on micronutrient application in Banana, Mosaic and Leaf curl virus in Papaya, low milk yield and fat content in Dairy. With KVK interventions like installation of traps, micro and macro nutrient management in Coconut and Banana, consultancies for IPDM and INM in Papaya and scientific feed and fodder management for Cattle and Poultry, he is getting annual income of Rs. 9,12,070 from the production of Papaya, Coconut, Banana, Poultry and Dairy enterprise.



Field view of Banana plot



Field view of Papaya plot



Name of farmer: Kavitha W/O Sampath kumar
Address: Kalya village, Magadi (T), Ramanagara (D)
Karnataka
Age: 35
Education: II PUC
Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi(Indof -7)(Intercrop in Coconut)	1	7.75	19375	9350
Hort. Crop 1	Arecanut	2	12.5	353700	245600
Hort. Crop 2	Coconut	2	6600	67650	39340
Livestock 1	Buffalo	4	1920	47040	25640
Total	-	-	-	4,87,765	3,19,930

2) Status in 2020

Component Description		Period 2020-21				% increase	
Components	Names	Area (Acre)/No	Production (/Liter/No. o.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (KMR-340)(Intercrop in Coconut)	1	9.25	30525	14250	19.35	52.40
Hort. Crop 1	Tomato (Intercrop in Arecanut)	0.5	207	238050	144500	>100	>100
Hort. Crop 2	Cucumber (Intercrop in Arecanut)	0.5	17.5	30625	17450	>100	>100
Hort. Crop 3	Arecanut	2	14	491400	372200	12.00	51.54
Hort. Crop 4	Coconut	2	7700	107030	65730	16.66	67.08
Livestock 1	Buffalo	4	2400	68400	38950	25.00	51.91
Total	-	-	-	9,66,030	6,53,080	-	104.13

Brief: The farmwoman used to get annual net income of Rs.3,19,930 from Ragi, Arecanut, Coconut and Buffalo. She faced problems like Blast and improper nutrient management in Ragi, Early blight, Leaf curl virus and Blossom end rot in Tomato, Nut splitting in Areca, Button shedding in Coconut and improper fodder management in Buffalo. With KVK interventions like consultancies and trainings on IPM and INM in Ragi, IPDM in Tomato, ICM in Coconut and Arecanut and Introduction of White Ragi (KMR-340) and different fodder crops such as DHN-6, CoFS-31, Co-5 and Maize(African tall), she is getting annual net income of Rs.6,53,080 from the production of Ragi, Tomato, Cucumber, Arecanut, Coconut and Buffalo.



Farmer-Scientist interaction regarding fruit fly management in Tomato



Scientists and Dept. officials visit to Fodder cafeteria



Name of farmer: Brungesh, S.M. S/O Mahadevappa

Address: Sangabasavana Doddi, Ramanagara (T), Ramanagara (D)

Karnataka

Age: 34

Education: BA

Size of land holding (in): 5

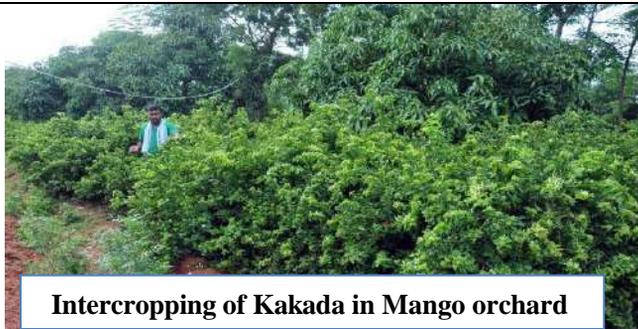
1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (MR-1)(Intercrop in Mango)	1	6.5	15925	7750
Hort. Crop 1	Mango	4	340	331500	202100
Hort. Crop 2	Coconut	1	3150	30720	18220
Livestock 1	Cow	1	2040	49980	28960
Total	-	-	-	4,28,125	2,57,030

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6) (Intercrop in Mango)	1	7.5	24375	13300	15.38	71.61
Hort. Crop 1	Mango	4	380	522500	395700	11.76	95.79
Hort. Crop 2	Coconut	1	3850	47170	30350	22.22	66.57
Hort. Crop 3	Brinjal (Intercrop in Mango)	0.5	53.6	91120	66380	>100	>100
Hort. Crop 4	Kakada (Intercrop in Mango)	0.25	7.1	198800	120900	>100	>100
Livestock 1	Cow	1	2460	70150	40320	20.58	39.22
Total	-			9,54,115	6,66,950	-	159.48

Brief: The farmer used to get annual net income of Rs.2,57,030 from Ragi, Mango, Coconut and Dairy enterprise. He faced problems like Blast disease and lodging in Ragi, powdery mildew, Leaf hopper and Fruit fly in Mango, Rhinoceros beetle and Button shedding in Coconut and lack of awareness on nutrition management in Dairy. With KVK interventions like consultancies on IPM and INM in Ragi, Installation of fruit fly traps and IPDM practices in Mango, Installation of RB lure trap and INM in Coconut, ICM practices in Brinjal and Kakada and introduction of various fodder crops such as CoFs-31 and DHN-6, he is getting annual net income of Rs. 6,66,950 from the production of Ragi, Mango, Coconut, Brinjal, Kakada and Dairy enterprise.



Intercropping of Kakada in Mango orchard



Intercropping of ragi in Mango orchard



Name of farmer: Mahesh M S/O Maregowda

Address: Basavenahalli, Magadi (T), Ramanagara (D)

Karnataka

Age: 35

Education: B.com

Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana (G-9)	0.5	144	1,15,200	67450
Hort. Crop 2	Guava	0.5	36	1,17,000	69900
Hort. Crop 3	Rose	0.5	6.75	70875	41250
Hort. Crop 4	Chrysanthemum	0.25	8.5	46750	27700
Livestock 1	Goat	4	0.92	41400	24800
Total	-	-	-	3,91,225	2,31,100

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	Income
Field Crop 1	Banana (G-9)	0.5	152	1,44,400	93600	5.55	38.76
Field Crop 2	Pole beans	0.25	17	52700	32300	>100	>100
Hort. Crop 1	Rose	0.5	7.5	91500	61200	11.11	48.36
Hort. Crop 2	Chrysanthemum	0.25	10.2	69360	50150	20.00	81.04
Livestock 1	Papaya	0.5	138	103500	65350	>100	>100
Livestock 2	Guava	0.5	41.5	145250	99300	15.27	42.06
Othenterpris e (Specify)	Goat	5	1.32	89800	60700	43.47	144.75
Total	-	-	-	6,96,510	4,62,600	-	100.17

Brief: The farmer used to get annual income of Rs. 2,31,100 from Banana, Guava, Rose, Chrysanthemum and Goats. He faced problems like poor growth and lack of yield due to imbalanced nutrient management in Banana, Fruit fly in Guava, Powdery mildew and Leaf spot in Rose, Blight in Chrysanthemum, and improper feeding practices in Goat . With KVK interventions like consultancies such as INM in Banana, Installation of Fruit fly trap in Guava, IDM in Rose, IDM in Chrysanthemum, IDM in Papaya fodder crops suitable for Goat rearing etc., he is getting annual income of Rs. 4,62,600 from the production of Banana, Pole beans, Rose, Chrysanthemum, Papaya, Guava and rearing of Goats.



Field view of Chrysanthemum plot



Installation of light traps in Rose garden



Name of farmer: Basavaraju S/O Gangabasavaiah
Address: Neseपालya , Magadi (T), Ramanagara (D)
Karnataka
Age: 36
Education: SSLC
Size of land holding (in): 2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (MR-1)	1.5	11.25	27560	13650
Hort. Crop 1	Tomato	0.5	108	105300	62650
Livestock 1	Cow	2	2160	51840	26920
Livestock 2	Goat	5	1.1	55000	30500
Other enterprise (Specify)	Poultry	30	0.36	6480	4700
Total	-	-	-	2,46,180	1,38,420

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	1.5	14.6	47450	24725	29.77	81.13
Hort. Crop 1	Snake gourd	0.25	56	1,00,800	65700	>100	>100
Hort. Crop2	Tomato	0.5	129	164475	102230	19.44	63.17
Hort. Crop 3	French bean	0.25	11.5	27600	15850	>100	>100
Livestock 1	Cow	2	2520	71820	40950	16.66	52.11
Livestock 2	Goat	5	1.35	87,750	50,600	22.72	65.90
Other enterprise (Specify)	Poultry	30	0.45	8550	6900	25.00	46.80
Total	-	-	-	5,08,445	3,06,955	-	121.75

Brief: The farmer used to get annual income of Rs. 1,38,420 from Ragi, Tomato, Goat, Poultry and Dairy enterprise. He faced problems like low yield due to improper nutrient management in Ragi, Early blight, Late blight and Blossom end rot in Tomato, Imbalanced feeding management in Cow and Goat. With KVK interventions like consultancies such as INM in Ragi, IDM and INM in Tomato, ICM in French bean and Snake gourd and Introduction of different fodder crops such as DHN-6, CoFS-31, Azolla and Lucerne, he is getting annual income of Rs. 3,06,955 from the production of Ragi, Snake gourd, Tomato, French bean, Goat, Poultry and Dairy enterprise.



Scientist visit to fusarium wilt affected Red gram



Scientist-Farmer interaction regarding goat



Name of farmer: Manjunath S/O Hanumaiah

Address: Ankanahalli, Bidadi , Ramanagara (T), Ramanagara (D)

Karnataka

Age: 43

Education: SSLC

Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Indof-9)	1.5	11.25	27560	13650
Field Crop 2	Redgram (BRG-1)	0.4	1.9	8930	4960
Hort. Crop 1	Tomato	0.4	108	105300	62650
Hort. Crop 2	Ridge gourd	0.4	33	51,150	27575
Total	-	-	-	1,92,940	1,08,835

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi(Indof-9)	1.5	14.6	47450	24725	29.77	81.13
Field Crop 2	Red gram(BRG-5)	0.4	2.7	15795	8435	42.10	70.06
Hort. Crop 1	Tomato	0.4	129	164475	1,02,230	19.47	63.17
Hort. Crop 2	Ridge gourd	0.4	38	83600	54800	15.15	98.73
Hort. Crop 3	French bean	0.2	11.5	27600	15850	>100	>100
Hort. Crop 4	Brinjal	0.4	48	67200	37600	>100	>100
Total	-	-	-	4,06,120	2,43,640	-	123.86

Brief: The farmer used to get annual income of Rs. 1,08,835 from Ragi, Redgram, Tomato and Ridge gourd. He faced problems like low yield due to improper nutrient management in Ragi, Fusarium wilt and Pod borer in Redgram, Early blight, Bacterial wilt and Fruit borer in Tomato, Fruit fly and Mosaic in Ridge gourd, Shoot . With KVK interventions like Consultancies & trainings such as INM in Ragi, introduction of wilt resistant variety BRG-3 and IPDM in Redgram, IPDM in Tomato, Ridge gourd, Brinjal and French bean, he is getting annual income of Rs. 2,43,640 from the production of Ragi, Redgram, Tomato, Ridge gourd, French bean and Brinjal.



Technical guidance to the farmer regarding Tomato crop



Field view of Ridge gourd plot

Name of farmer: Prasanna S/O Marigowda

Address: Sulleri, Virupakshapura (H), Channapattana (T), Ramanagara (D)

Karnataka

Age: 40

Education: ITI

Size of land holding (in): 5



1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Babycorn (Intercrop in Coconut)	2	75	48750	27450
Hort. Crop 1	Banana (Yelakki)	1	101	292900	179100
Hort. Crop 2	Coconut	4	12400	117800	69750
Livestock 1	Cow	4	6000	141000	72500
Other enterprise (Specify)	Mulberry (Intercrop in Coconut)	1	6.2	164300	83150
Total	-	-	-	7,64,750	4,31,950

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Babycorn (Intercrop in Coconut)	2	92	69000	48350	22.66	76.13
Hort. Crop 1	Bhendi (Intercrop in Coconut)	1	56	100800	65300	>100	>100
Hort. Crop 2	Banana (Yelakki)	1	115	448500	328550	13.86	83.44
Hort. Crop 3	Coconut	4	15200	205200	146300	22.58	109.74
Livestock 1	Cow	4	7200	212400	135600	20.00	87.03
Other enterprise Sericulture	Mulberry (Intercrop in Coconut)	1	8.4	315000	187700	35.48	125.73
Total	--	-	-	13,50,900	9,11,800	-	111.08

Brief: The farmer used to get annual income of Rs. 4,31,950 from Baby corn, Banana, Coconut, Sericulture and Dairy farming. He faced problems like Fall army worm and cob borer in Babycorn,; Fusarium wilt and Sigatoka leaf disease in Banana, Red palm weevil and CBHC in Coconut, imbalanced fodder management in Cows and thrips and mites in Mulberry. With KVK interventions like consultancies and trainings on IPM in Baby corn, IPDM in Bhendi, IDM in Banana, IPM in Coconut, Scientific feed and fodder management for cattles through consultancy and IPM in Mulberry, he is getting annual income of Rs. 9,11,800 from the production of Babycorn, Bhendi, Banana, Coconut, Sericulture and Dairy.

Photo-2



Field view of Banana plot



Intercropping of Baby corn under Coconut garden



Name of farmer: Nagesh S/O Hucchahalagaiah

Address: Shyanuboganahalli, Magadi (T), Ramanagara (D)

Karnataka

Age: 43

Education: SSLC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (Indof-7)	1	7.25	17760	8990
Field Crop 2	Redgram (BRG-1)	0.5	1.95	9270	4830
Hort. Crop 1	Capsicum	0.5	103	288400	165600
Hort. Crop 2	Pole bean	0.5	37.9	72010	42300
Livestock 1	Goat	2	0.46	23920	12960
Total	-	-	-	4,11,360	2,34,680

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre /No)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (Indof-7)	1	9.65	30880	16440	33.10	82.86
Field Crop 2	Redgram (BRG-5)	0.5	2.85	16950	8970	46.15	85.71
Hort. Crop 1	Capsicum	0.5	119	416500	301650	15.53	82.15
Hort. Crop 2	Pole bean	0.5	44.5	102350	66750	17.41	57.80
Hort. Crop 3	Banana (Yelakki)	1	106.5	330150	179200	>100	>100
Livestock 1	Goat	3	0.78	53040	28520	69.56	120.06
Total	-	-	-	9,49,870	6,01,530	-	156.31

Brief: The farmer used to get annual income of Rs.2,34,680 from Ragi, Redgram, Capsicum, Pole bean and Goat rearing. He faced problems like low yield due to lack of knowledge on application of Potash and micro-nutrients in Ragi; Fusarium wilt and pod borer in Redgram; Nematodes, Thrips and Mites in Capsicum; Aphids and Mosaic in Polebeans; and Imbalanced fodder management in Goat rearing. With KVK interventions like consultancies and trainings on INM in Ragi, IPDM in Redgram, IPM in Capsicum, IPDM in Pole beans and Banana, Scientific feed and fodder management for Goat through consultancies, he is getting annual income of Rs.6,01,530 from the production of Ragi, Redgram, Capsicum, Pole bean, Banana and Goat.



Farmer-Scientist interaction regarding banana field level problems



High value coloured capsicum production in Protected condition



Name of farmer: Jagadeesh S/ O Nagaraju

Address: Donakuppe, Agalakote [P] , Magadi (T), Ramanagara(D)

Karnataka

Age: 32

Education: M.Sc in Physics

Size of land holding (in): 6.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1.5	11.25	27560	13820
Hort. Crop 1	Coconut	3	9450	89775	48890
Hort. Crop 2	Drumstick	1	94.35	169830	101300
Livestock 1	Cow	2	2040	49980	25900
Livestock 2	Goat	2	0.43	22360	12900
Total	-	-	-	3,59,505	2,02,900

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1.5	15.35	49120	27890	36.44	101.80
Hort. Crop 1	Coconut	3	11700	163800	99960	23.80	104.45
Hort. Crop 2	Drumstick	1	106.25	255000	186300	12.61	83.90
Livestock 1	Cow	2	2520	71820	40910	23.52	57.95
Livestock 2	Goat	4	1.02	69360	37680	137.20	192.09
Other enterprise (Specify)	Nursery (Seedling Production)	0.5	600000	390000	138000	>100	>100
Total		-	-	9,99,100	5,30,740	-	161.57

Brief: The farmer used to get annual income of Rs. 2,02,900 from Ragi, Coconut, Drumstick, Goat and Dairy enterprise. He faced problems like low yield due to improper nutrient management in Ragi, Button shedding in Coconut, Hairy caterpillar and Pod fly in Drumstick, Imbalanced feed management in Dairy and Goat rearing. With KVK interventions like consultancies cum trainings on INM in Ragi and Coconut, IPM in Drumstick and Introduction of protein rich fodder crops like CoFS-31 and Lucerne and technical guidance in establishment of nursery at an enterprise, he is getting annual income of Rs. 5,30,740 from the production of Ragi, Coconut, Drumstick, Goat, Nursery and Dairy enterprise.



Quality of Tomato and Chilli seedling production in nursery



Field view of Mango plot



Name of farmer: Basavaraju S/o Late Maribasayya
Address: Bellidoddi ,Ramanagara (T), Ramanagara (D)
Karnataka
Age: 40
Education: SSLC
Size of land holding (in): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Baby corn	2.5	150	80000	55000
Field Crop 2	Paddy(IR-64)	2	Grain: 36 Straw: 72	68400	34800
Livestock 1	Cow HF/Jersey	6	8400	201600	90720
Total	-	-	-	3,50,000	1,80,520

2) Status in 2020

Component Description		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	Baby corn	2.5	212	127200	105950	41.33	92.63
Field Crop 2	Paddy (Omkar)	2	Grain: 44 Straw: 78	85600	45000	22.22 8.33	29.31
Livestock 1	Cow (HF/ Jersey)	8	12600	352800	194040	50.00	113.88
Livestock 2	Sheep & Goat	4	1.0	30000	18000	>100	>100
Other enterprise (Specify)	Poultry birds (Swarnadhara)	8	1280	10240	7440	>100	>100
Total	-	-	-	6,05,840	3,70,430	-	105.20

Brief: The farmer used to get annual income of Rs. 1,80,520 from Baby corn, Paddy and Dairy farming. He faced problems like low yield in Paddy and Baby corn due to improper nutrient management and pest and disease attack in paddy, low milk yield due to poor feed and fodder management for animals. With KVK interventions like trainings and consultancies such as scientific methods of Sheep and Goat rearing, management of feeds in dairy animals and Poultry birds & introduction of improved breeds in poultry and fodder varieties such as Co-3, DHN-6, CoFS-31, azolla ; ICM in Baby corn and Paddy, he is getting annual income of Rs. 3,70,430.



Baby corn field



Scientific Dairy enterprise



Name of farmer: Lokesh S/o Late Kariyappa

Address: Medanahalli , Ramanagara (T) , Ramanagara (D)

Karnataka

Age: 41

Education: SSLC

Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy(JGL)	1	18	27000	10000
Field Crop 2	Ragi(GPU-28)	1	Grain: 10 Straw: 24	33000	15000
Field Crop 3	Groundnut(TMV-2)	1	4	22000	12300
Hort. Crop 1	Coconut	50	4250	24225	15475
Livestock 1	Cow(HF)	1	2160	47520	30300
Total	-	-	-	1,53,745	83,075

2) Status in 2020

Component Description		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(BPT Sona)	1	23	34500	16500	27.77	65
Field Crop 2	Ragi (MR-6)	1	Grain: 12 Straw: 30	46500	26000	20.00 25.00	73.33
Field Crop 3	Groundnut (KC-6)	1	5.2	31000	18200	30.00	47.96
Hort. Crop 1	Coconut	50	5200	39000	28500	22.35	84.16
Livestock 1	Cow(HF)	2	5040	141120	84672	133.33	179.44
Total	-	-	-	2,92,120	1,73,872	-	109.29

Brief: The farmer used to get annual income of Rs. 83,075 from Paddy, Ragi , Groundnut , Coconut, and Dairy farming. He faced problems like Low yield in crops due to low fertility in soils, brown plant hopper and leaf roller in Paddy, neck blast in ragi, less pod filling in groundnut, nut dropping in Coconut and low milk production and high cost of maintenance in dairy animals. With KVK interventions like ICM in Paddy, Ragi and Groundnut, introduction of high yielding varieties in Paddy and Groundnut, INM in Coconut , feed and fodder management using fodder crops such as DHN-6 and CO-4 and direct sale of rice, he is getting annual income of Rs.1,73,872.



ICM in Paddy



Dairy Unit



Name of farmer: Lokesh S/o Gangahanumiah

Address: Guddahalli, Madabai Hobali, Magadi(T), Ramanagara (D)

Karnataka

Age: 47

Education: B.A

Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	0.50	Grain:5 Straw:13	17000	9000
Hort. Crop 1	Mango	2	40	100000	60000
Livestock 1	Cow (local)	1	630	15750	9450
Other enterprise (Specify)	Mulberry Cocoon production) (Pure Mysore)	0.50	2.4	70,000	45550
Total	-	-	-	2,02,750	1,24,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (KMR-340)	0.5	Grain:6 Straw:15	22500	13900	20.00 15.38	54.44
Field Crop 2	Haraka (Inter crop in Mango)	0.5	2	6000	3000	>100	>100
Field Crop 3	Cowpea (Inter crop in Mango)	0.5	1	5000	2000	>100	>100
Hort. Crop 1	Mango	2	56	156800	115000	40	91.66
Livestock 1	Cow (Sahiwala)	1	900	31500	21500	42.85	127.51
Livestock 2	Goat	3	0.5	15000	6000	>100	>100
Other enterprise	Mulberry Cocoon production) (Pure Mysore)	0.5	3.7	150000	105000	54.16	130.51
Total	-	-	-	3,86,800	2,66,400	-	114.83

Brief: The farmer used to get annual income of Rs.1,24,000 from Ragi, Mango, sericulture and Dairy farming. He faced problems like low yield and low income due to poor soil fertility management, neck blast in Ragi, fruit fly & fruit drop in Mango and lack of knowledge in scientific cultivation practices in sericulture. With KVK interventions like introduction of Ragi variety (KMR- 340), introduction of *Haraka* & cowpea as intercrop in mango and ICM in Mango, trainings on feed and fodder management for cattle and goat rearing and ICM in mulberry, he is getting annual income of Rs. 2,66,400.



White Ragi plot



Mango plot



Name of farmer: Venkatesh S/o Gangaramayya

Address: Shambayyanapalya , kasaba H obali , Magadi (T), Ramanagara (D)

Karnataka

Age: 35

Education: PUC

Size of land holding (in): 4.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	1	Grain:10 Straw:26	24000	18000
Hort. Crop 1	Arecanut	1.5	8.5	246500	160225
Hort. Crop 2	Coconut	2	8600	51600	26600
Livestock 1	Cow (Jersey/HF)	8	10500	273000	122850
Total	-	-	-	5,95,100	3,27,675

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR- 6)	1	Grain:12 Straw::30	45000	27800	20.00 15.38	54.44
Hort. Crop 1	Arecanut	1.5	10.5	346500	300000	23.52	87.23
Hort. Crop 2	Coconut	2	9500	95000	65000	10.46	144.36
Hort. Crop 3	Beans (Intercrop in Arecanut)	1.5	95	171000	110000	>100	>100
Livestock 1	Cow (Jersey/HF)	10	13550	406500	223750	29	82.13
Total	-	-	-	10,64,000	7,26,550	-	121.72

Brief: The farmer used to get annual income of Rs.3,27,675 from Ragi, Arecanut, Coconut & Dairy farming. He faced problems like low yield in Ragi due to neck blast and lodging, low soil fertility and net dropping in Coconut and Arecanut & high cost feed in dairy enterprise and low milk yield. With KVK interventions like trainings & consultancies about ICM in Ragi , Arecanut and Coconut, introduction of new Fodder crops such as CoFS-31, Hedge Lucerne, DHN-6 for better nutrition, Processing of Arecanut into , introduction of Beans as inter crop in Arecanut, he is getting annual income of Rs. 7,26,550.



Processing of Arecanut



Dairy unit



Name of farmer: Shakuntala W/o Shivayya

Address: Vadedoddi village, Kanakapura (T) Ramanagara (D)

Karnataka

Age: 53

Education: PUC

Size of land holding (in): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	1	Grain: 7 Straw: 20	24880	12550
Field Crop 2	Paddy (IR-64)	1	Grain: 18 Straw: 36	34200	17400
Hort. Crop 1	Mango (Badami)	3	120	300000	135000
Hort. Crop 2	Coconut	2	7600	83600	53600
Total	-	-	-	4,42,680	2,18,550

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (ML -365)	1	Grain: 10 Straw: 24	38000	21200	42.85 20.00	68.92
Field Crop 2	Paddy (RNR 15048)	1	Grain: 21 Straw: 39	42800	24500	16.66 8.33	40.80
Hort. Crop 1	Mango (Badami)	3	168	470400	345000	40	155.55
Hort. Crop 2	Coconut	2	9600	144000	112000	26.31	108.95
Total	-	-	-	6,95,200	5,02,700	-	130.01

Brief: The farmwomen used to get annual income of Rs. 2,18,550 from Ragi, Paddy, Mango and Coconut. She faced problems like low yield in Ragi, Paddy and Coconut due to pest, disease problems and improper nutrient management and low yield in Mango due to pest & disease infestation and less price for produce. With KVK interventions like trainings and consultancies on ICM in Ragi, Paddy, Coconut and direct marketing of Mango, she is getting annual income of Rs. 5,02,700.



Mango orchard



ICM in Ragi



Name of farmer: Devaraju SN S/o Nasegowda

Address: Shanubhoganahalli, Ramanagara (T), Ramanagara(D)

Karnataka

Age: 58

Education: SSLC

Size of land holding (in): 2

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Mango (Badami)	0.75	32	87500	52500
Livestock 1	Cow	10	18900	453600	187110
Other enterprise	Mulberry (Cocoon Production)	0.5	2.4	57600	31680
Total	-	-	-	5,98,700	2,71,290

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Mango (Badami)	0.75	45	180000	152000	40.62	189.52
Livestock 1	Cow	10	26250	682500	341250	38.88	82.37
Other enterprise	Mulberry (Cocoon production)	0.5	3.6	126000	75600	50	138.63
Other enterprise	Fodder (Sale of fodder Cutting DHN-6)	0.25	15000	30000	22000	>100	>100
Total	-	-	-	1,08,500	5,90,850	-	117.79

Brief: The farmer used to get annual income of Rs. 2,71,290 from Fodder, Mango, Cocoon production and Dairy Farming. He faced problems like low yield in mango due to improper nutrient management and fruit flies attack, low yield in mulberry, high cost of feed and low quality of milk. With KVK interventions like ICM in Mango, feed management in cows such as use of improved fodder varieties (DHN-6, Guinea grass, BG-2), Azolla and better utilization of mulberry leaves and GMP in rearing house by taking up 8 crops instead of 6 crops and by sale of fodder cuttings, he is getting the annual income of Rs. 5,90,850.



DHN-6 Fodder Crop



Scientific Animal Rearing Unit



Name of farmer: Shilpa W/o Shivamadhav

Address: Kabbhalli , Naryanapura [P] , Kanakapura (T), Ramanagara (D)

Karnataka

Age: 35

Education: 9th

Size of land holding (in): 7

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU_28)	1.5	Grain: 10.5 Straw: 30	37500	19000
Field Crop 2	Paddy(IR-64)	2	42	50400	20400
Hort. Crop 1	Mango	2	40	100000	60000
Hort. Crop 2	Coconut	2	6000	66000	35400
Livestock 1	Cow (local/HF)	6	8100	194400	87480
Total	-	-	-	4,48,300	2,22,280

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR- 1)	1.5	Grain: 15	57000	31800	42.85	67.36
Field Crop 2	Paddy (BPT Sona)	2.0	45	72000	40000	7.14	96.07
Hort. Crop 1	Coconut	2	7400	103600	61600	23.33	74.01
Hort. Crop 2	Mango	2	56	156800	104800	40	74.66
Livestock 1	Cow (local/HF)	8	10200	285600	168504	25.93	92.62
Livestock 2	Goat	20	5	150000	80000	>100	>100
Total	-	-	-	8,25,000	4,86,704	-	118.95

Brief: The farmwomen used to get annual income of Rs. 2,22,280 from Ragi, Paddy, Fodder, Coconut, Mango and Dairy farming. She faced problems like low yield due to improper nutrient management and neck blast in Ragi , fruit flies and fruit dropping in mango and faced problems like Rhinoceros beetle and Black headed caterpillar in Coconut, high cost of feed and fodder for dairy animals. With KVK interventions like training and consultancies on integrated crop management in Ragi, Paddy, feed and fodder management in dairy and goat rearing, she is getting annual income of Rs. 4,86,704 .



ICM in Ragi Crop



Animal Husbandry unit



Name of farmer: Yathish S/o Late K. Shivayya

Address: Gowdayanadoddi, Ramanagara (T), Ramanagara (D)

Karnataka

Age: 39

Education: PUC

Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	Grain: 19 Straw: 35	34180	19180
Field Crop 2	Redgram(BRG-2)	2	2.5	13000	8000
Hort. Crop 1	Mango (Badami)	1	35	87500	52500
Hort. Crop 2	Coconut	1	7200	79200	56200
Livestock 1	Cow (HF)	2	5880	129260	59200
Total	-	-	-	3,43,140	1,95,080

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1	Grain: 23 Straw: 39	43450	25150	21.05 11.42	31.12
Field Crop 2	Redgram (BRG-5)	1	4.2	23100	11300	236.00	41.25
Hort. Crop 1	Mango (Badami)	1	42	147000	102700	20	95.61
Hort. Crop 2	Coconut	1	9800	156000	126800	36.11	125.57
Livestock 1	Cow (HF)	2	7560	222880	122585	28.57	107.06
Livestock 2	Sheep	10	2.5	75000	45000	>100	>100
Total	-	-	-	6,67,430	4,33,535	-	122.23

Brief: The farmer used to get annual income of Rs. 1,95,080 from Paddy, Redgram, Mango, Coconut and Dairy farming. He faced problems like Blast and improper nutrient management in Ragi, wilt and pod borer in Redgram, Button shedding in Coconut, fruit flies attack in mango and improper feed and fodder management in dairy animals. With KVK interventions like trainings and consultancies on ICM in Paddy, introduction BRG-5 Redgram, ICM in Mango and Coconut, feed and fodder management such as use of DHN-6, Guinea grass, Co-4, Introduction of Sheep rearing, he is getting annual income of Rs. 4,33,535.



ICM in Paddy



Sheep unit



Name of farmer: Ramachandra S/o Late Kunnegowda

Address: Varagerahalli , Kasaba(H), Kanakapura (T), Ramanagara (D)

Karnataka

Age: 50

Education: SSLC

Size of land holding (in): 2.5

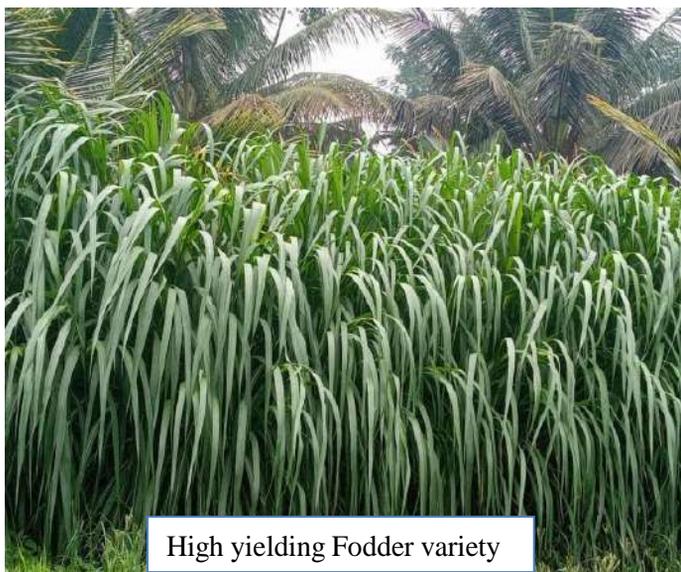
1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	2.5	11250	101250	82000
Livestock 1	Cow (Jersey)	2	3150	75600	32000
Other enterprise (Specify)	Mulberry (intercrop in Coconut) (Cocoon production)	0.5	1.6	40000	24000
Total				2,16,850	1,38,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	2.5	14250	185250	165000	26.66	101.2
Livestock 1	Cow (Jersey)	2	4200	121800	66900	33.33	109.10
Other enterprise (Specify)	Mulberry (intercrop in Coconut) (Cocoon production)	0.5	2.25	74400	44640	40.62	86.00
Total				3,85,450	2,76,540	-	100

Brief: The farmer used to get annual income of Rs. 1,38,000 from coconut, dairy and sericulture. He faced problems like low yield in coconut due to nut dropping ,low yield in milk production and cocoon production . With KVK interventions like ICM in coconut, fodder management in dairy through DHN-6, COFS-31 fodder , quality production of mulberry leaves, GMP in silk worm rearing etc., he is getting annual income of Rs 2,76,540



High yielding Fodder variety



Dairy unit



Name of farmer: Jayaramaiah S/o Dasegowda
Address: Bettahalli, Magadi (T), Ramanagara (D)
Karnataka
Age: 52
Education: PUC
Size of land holding (in): 4

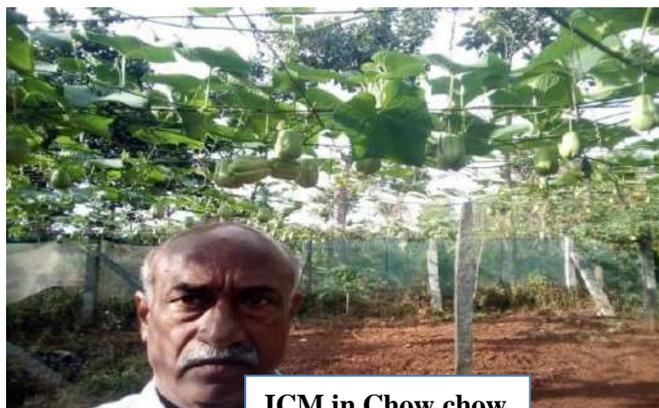
1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	Grain: 10 Straw: 26	28000	18000
Hort. Crop 1	Arecanut	1	8.50	26850	172000
Hort. Crop 2	Coconut	1	3800	50000	35000
Hort Crop 3	Cabbage	1	82	82000	49200
Total	-	-	-	1,92,850	2,74,200

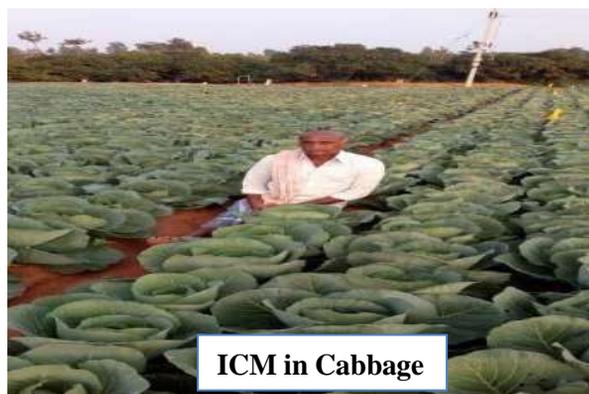
2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Chow- Chow (replacement for Ragi)	1	17.5	210000	130000	>100	>100
Hort. Crop 2	Arecanut	1	10.2	350700	252500	20	46.80
Hort. Crop 3	Coconut	1	4700	70500	56000	23.68	60.00
Hort. Crop 4	Cabbage	1	95	123500	89300	15.85	81.50
Hort. Crop 5	Ridge gourd (followed by Cabbage)	1	80	72,000	42,000	>100	>100
Total	-	-	-	8,26,700	5,69,800	-	107.80

Brief: The farmer used to get annual income of Rs. 2,74,200 from Ragi, Arecanut, Coconut and Cabbage. He faced problems like Low yield and income due to neck blast in Ragi, nut dropping in Arecanut and coconut , pest and diseases in Cabbage. With KVK interventions like trainings and consultancies on ICM in chow-chow, ridge gourd and cabbage and use of use of biofertilizers, neem oil, traps, green manure crop in coconut and Arecanut, he is getting annual income of Rs. 5,69,800.



ICM in Chow chow



ICM in Cabbage

Name of farmer: Lilavathi W/o Shivalinggaya

Address: Bandiganahalli, Kanakapura (T), Ramanagara (D)

Karnataka

Age: 45

Education: SSLC

Size of land holding (in): 3

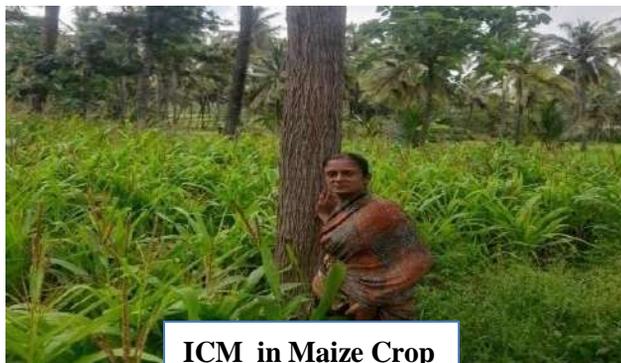
**1) Before Intervention**

Component Description		Benchmark (Baseline period 2017-18)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy (BPT Sona)	1.25	Grain: 22 Straw: 45	42750	21750
Field Crop 2	Ragi (GPU-28)After paddy	1.25	Grain: 10 Straw: 26	34000	18000
Field crop 3	Maize(intercrop in Coconut)	1.75	22	28600	16300
Horti. crop 1	Coconut	1.75	9800	188200	53200
Livestock 1	Cow	1	1350	32400	16200
Total	-	-	-	3,25,950	1,25,450

2) Status in 2020

Component Description		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 (BPT-Sona)	1.25	Grain: 27.5 Straw: 49	53500	30625	25.00 8.88	40.80
Field Crop 2	Ragi (KMR 340) (After Paddy)	1.25	Grain: 12 Straw: 30	45000	27800	20.00 15.38	54.44
Hort. Crop 1	Maize	1	30	45000	30000	36.4	84.04
Hort.crop 2	Coconut	100	12000	132000	92000	22.44	72.93
Livestock 1	Cow	1	1680	47040	21160	24.44	30.66
Other enterprise	Processing unit (Cleaning and Milling)	1	-	121000	84000	>100	>100
Total	-	-	-	3,96,500	2,85,585	-	127.64

Brief: The farm women used to get annual income of Rs. 1,25,450 from Paddy, Ragi, Maize, Coconut and Dairy farming. She faced problems like low yield in Paddy, neck blast in Ragi, pest and diseases in Coconut and low milk yield in Dairy enterprise. With KVK interventions like ICM in Paddy, introduction of White Ragi, ICM in Coconut, feed management in Dairy animals, establishment of processing unit, she is getting annual income of Rs. 2,85,585 from the production of Paddy, Ragi, Maize, Coconut, Processing unit and livestock enterprises.

**ICM in Maize Crop****Processing Unit**



Name of farmer: Jayaramegowda M.T S/o Late Thimmegowda
Address: Mylnayakanahalli , Channapatna (T), Ramanagara (D)
Karnataka
Age: 59
Education: PUC
Size of land holding (in): 3

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy(IR-64)	1	Grain: 17 Straw: 30	34200	17400
Field Crop 2	Fodder Maize	1	250	50000	35000
Hort. Crop 1	Coconut	2	7500	82500	47500
Livestock 1	Cow (Jersey)	2	3150	78750	39375
Other enterprise	Mulberry (Cocoon production)	0.5	10.8	324000	129600
Total	-	-	-	5,69,450	2,68,875

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No.	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Omkar Variety)	1	Grain: 25 Straw: 35	67500	42500	47.05 16.66	144.25
Field Crop 2	Fodder maize	0.5	140	60000	38000	-44.0	8.6
Field Crop 3	Fodder CoFS-31	0.5	340	64000	52000	>100	>100
Field Crop 4	White ragi (KMR-340)(After paddy)	0.5	8	24000	15000	>100	>100
Hort. Crop 1	Coconut	2	9000	117000	75500	20.00	58.94
Livestock 1	Cow (Jersey)	2	3760	109620	60291	19.36	53.12
Other enterprise	Mulberry (Cocoon production)	0.5	12	480000	264000	11.11	103.70
Total	-	-	-	9,22,120	5,47,29	-	103.54

Brief: The farmer used to get annual income of Rs.2,68,875 from Paddy, Fodder, Coconut, mulberry and Dairy farming.. He faced problems like low yield due to improper nutrient management in Coconut, Paddy, Mulberry fodder and due to nut dropping in Coconut. With KVK interventions like consultancies and trainings such as ICM in Coconut and Paddy, use of green manure crop like Sunhemp & Horsegram, introduction of CoFS-31 and White Ragi (KMR-340), ICM in Mulberry and GMP in Cocoon production and Dairy, he is getting annual income of Rs.5,47,291.



Paddy (Omkar Variety)



Silkworm rearing unit



Name of farmer: Shivaramaiah S/o Masiyappa

Address: Chandurayanahalli, Magadi (T), Ramanagara (D)

Karnataka

Age: 59

Education: SSLC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi(MR-1)	2	13	36400	12400
Field Crop 2	Redgram (BRG-1)	1	2.5	12500	8000
Field crop 3	Field bean (local)	0.5	10	30000	20000
Hort. Crop 1	Kakada	0.5	8	144000	80000
Total				2,22,900	1,20,400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	2	17	54400	24400	30.76	96.77
Field Crop 2	Redgram (BRG-3)	1	4.2	23100	16600	68	107.50
Field Crop 3	Field bean (HA-4)	0.5	14.5	65250	49250	45	146.25
Hort. Crop 1	Kakada	0.5	12	252000	178000	50.50	122.50
Total				3,94,750	2,68,250	-	122.79

Brief: The farmer used to get annual income of Rs. 1,20,400 from Ragi, Redgram, Field bean and Kakada. He faced problems like Low yield in Ragi due to neck blast, fusarium wilt in Redgram, pod borer in field bean, low yield in Kakada due to mite and bud worm infestation. With KVK interventions like ICM in Ragi, introduction of wilt & SMD resistant variety BRG-3, introduction of photo insensitive HA-4 variety, IPDM in Kakada, he is getting annual income of Rs.2,68,250.



BRG -3 Redgram crop



HA-4 Field bean



Name of farmer: Gangayya H.G S/o Gejjayya
 Address: Halasabele, Magadi (T), Ramanagara (D)
 Karnataka
 Age: 54
 Education: 6th
 Size of land holding (in): 5.5

Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU28)	2	Grain:14.9	36650	18150
Field Crop 2	Red gram (BRG-1)	1	1.3	6500	3000
Field Crop 3	Field bean (local)	1	21	63300	38000
Field Crop 4	Fodder (Local)	0.5	150	22500	15500
Hort. Crop 1	Banana (Yelakki)	1	83	207500	72500
Total	-	-	-	3,36,450	1,47,150

1) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi(MR-6)	2	Grain:19.5	63110	32900	30.87	81.26
Field Crop 2	Red gram (BRG- 5)	1	2	10000	6000	53.84	100
Field Crop 3	Field bean (HA-4)	1	22.9	103050	65050	9.04	71.2
Field Crop 4	Fodder (COFS-31)	0.5	250	50000	37000	66.66	138.70
Hort. Crop 1	Banana (Yelakki)	1	95	294500	154500	14.45	113.10
Total	-	-	-	5,20,660	2,95,450	-	100.78

Brief: The farmer used to get annual income of Rs. 1,47,150 from Ragi, Red gram, Field bean, Fodder and Banana. He faced problems like low yield in Ragi due to neck blast, pest infestation in Red gram and Field bean, low yield and high cost in fodder production and low yield in Banana. With KVK interventions like ICM in Ragi, introduction of BRG-5 in Red gram, HA-4 in Field bean, management of pest & disease in Pulse crops, use of Pulse magic, introduction of CoFS-31, ICM in Banana, use of Banana special , he is getting annual income of Rs. 2,95,450 from the production of Ragi, Red gram, Field bean, Fodder and Banana.



Introduction of Field bean (HA-4)



Introduction of Multicut fodder (COFS-31)



Name of farmer: Srinivasa S.T S/O Thimmaiah
Address: Chandurayanahalli, Magadi (T), Ramanagara (D)
Karnataka
Age: 44
Education: BA
Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Redgram (BRG-1)	1	3	15000	7200
Field Crop 2	Field bean (Local)	0.5	1.5	12500	5700
Hort. Crop 1	Coconut(Young)	2.5	5500	82500	69000
Hort. Crop 2	Arecanut(young)	1.5	Not yielding	-	-
Hort. Crop 3	Lemon(Young)	0.5	2800	2800	1300
Livestock 1	Cow	2 nos	1300	32500	20000
Total	-	-	-	1,45,300	1,03,200

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Redgram (BRG-3)	1	4.3	25800	15480	43.33	115.00
Field Crop 2	Field bean (HA-4)	0.5	2.2	17600	10560	46.66	85.26
Hort. Crop 1	Coconut (young)	2.5	6300	100800	74592	14.54	8.10
Hort. Crop 2	Arecanut (young)	1.5	3	84000	53760	>100	>100
Hort. Crop 2	Lemon	0.5	4300	8600	6020	53.57	363.07
Livestock 1	Cow	4	2700	81000	46980	107.69	134.9
Livestock 2	Sheep	10	2.3	69000	41400	>100	>100
Total	-	-	-	3,86,800	2,48,792	-	141.07

Brief: The farmer used to get annual income of Rs.1,03,200 from Redgram, Field bean, Coconut, Arecanut, Lemon and Dairy. He faced the problems like pest and diseases in Field bean and Redgram; low yield in Coconut & Lemon. With KVK interventions like introduction of Redgram variety (BRG-3) and Field bean (HA-4) and integrated crop management in Lemon (Integrated nutrient management-Vermicompost, Neemcake, fertigation and foliar spray of micronutrients), Coconut, Arecanut, introduction of fodder varieties such as DHN-6, CoFs-31 for Livestock feed management, he is getting annual income of Rs.2,48,792.



Introduction of Pulse Magic in Redgram field



Integrated Crop Management in Arecanut



Name of farmer: Honnegowda S/O Muniyappa
Address: Honnaiahnapalya, Magadi (T), Ramanagara (D)
Karnataka
Age: 40
Education: II PUC
Size of land holding (in) : 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	2	Grain: 20 Straw: 50	67250	30650
Field Crop 2	Groundnut (Samrat)	1	4	22000	12300
Hort. Crop 1	Coconut	1	4000	56000	40000
Hort. Crop 2	Banana	1	108	248400	145000
Hort. Crop 3	Guava	1	20	60000	44200
Livestock 1	Cow	2	3200	80000	48000
Total	-	-	-	5,33,650	3,20,150

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	2	Grain: 25 Straw: 60	94000	54000	25.00 20.00	76.1
Field Crop 2	Groundnut (GKVK-5)	1	5.2	31000	18200	30.00	47.96
Hort. Crop 1	Coconut	1	5600	84000	65700	40.00	64.25
Hort. Crop 2	Tomato (Intercrop in coconut)	1	120	110000	66000	>100	>100
Hort. Crop 3	Banana	1	136	370000	250000	25.92	72.41
Hort. Crop 4	Guava	1	25	98000	73000	25.00	65.15
Livestock 1	Cow	2	4096	114000	69000	28.00	43.75
Livestock 2	Goats	10	3	88000	56100	>100	>100
Total	-	-	-	9,89,000	6,52,000	-	103.6

Brief: The farmer used to get annual net income of Rs.3,20,150 from Ragi, Groundnut, Guava, Coconut, Banana and Dairy. He faced problems like low yield in Groundnut, Guava, Coconut and Banana; due to pest, disease problems and improper nutrient management. With KVK interventions like introduction of improved Ragi variety (MR-6), Groundnut (GKVK-5), Integrated crop management in Guava, Coconut and Balanced ration feeding in Dairy & introduction of Goats, he is getting annual net income of Rs. 6,52,000 from his farm adopting integrated farming system.



Integrated crop management in Guava



Introduction of improved Ragi variety (MR-6),



Name of farmer: Anand N S/O Chinnanka

Address: Banni Makodlu, Kanakapura (T), Ramanagara (D)

Karnataka

Age: 28

Education: BA

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Groundnut (local)	2	8	44000	26900
Field Crop 2	Ragi (Sharavathi)	1	Grain: 7 Straw: 20	24880	12550
Field Crop 3	Field bean (Local)	0.5	2	11800	5300
Hort. Crop 2	Rose (Mirabul)	0.5	60	360000	230000
Total	-	-	-	4,40,680	2,74,750

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Groundnut (K-1812)	2	18	104400	81000	125.00	201.11
Field Crop 2	Ragi (ML-365)	1	Grain: 10 Straw: 24	38000	21200	42.85 20.00	68.92
Field Crop 3	Fieldbean (HA-4)	0.5	2.5	18600	10400	25.00	96.22
Hort. Crop 1	Rose (Mirabul)	0.5	82	492000	352000	36.60	53.04
Livestock 1	Goat	10	2.5	75000	40000	>100	>100
Livestock 2	Sheep	10	2.8	84000	50000	>100	>100
Total	-	-	-	8,12,000	5,54,600		101.85

Brief: The farmer used to get annual net income of 2,74,750 from Groundnut, Ragi, Field bean and Rose. He faced the problems like poor yield in Groundnut, Ragi, Field bean due to use of local varieties and poor nutrient management and less yield in Rose due to pest and disease infestations. With KVK interventions like introduction of Groundnut variety (K-1812), Ragi (ML365), Field bean(HA-4) and integrated crop management in Rose and introduction of Sheep and Goat with scientific rearing resulted in annual net income of Rs. 5,54,600



Integrated crop management in Rose



Introduction of Groundnut variety (K-1812)



Name of farmer: Ashwathnarayana S/O Nadikeraiah
Address: Bachenahalli, Magadi (T), Ramanagara (D)
Karnataka
Age: 55
Education: SSLC
Size of land holding (in): 6

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (GPU-28)	2	Grain: 20 Straw: 51	67000	30500
Field Crop 2	Redgram (BRG-1)	1	2.4	12000	7400
Hort. Crop 1	Coconut	2	5900	82600	53300
Hort. Crop 2	Chrysanthemum	1	28	84000	48500
Livestock 1	Cow (HF)	1	2160	47520	30300
Total				2,93,120	1,70,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi (MR-6)	2	Grain: 24 Straw: 56	90000	50000	20.00 9.80	63.9
Field Crop 2	Redgram (BRG-3)	1	3.8	23560	14800	58.33	100
Hort. Crop 1	Coconut	2	8000	128000	93200	35.59	74.85
Hort. Crop 2	Chrysanthemum	1	36	216000	162000	28.57	234.02
Livestock 1	Cow(HF)	2	5040	141120	84672	133.33	179.44
Total				5,98,680	4,04,672		138.00

Brief: The farmer used to get annual net income of 1,70,000 from Ragi, Redgram, Coconut, Chrysanthemum and Dairy. He faced the problems like low yield in Ragi & Redgram, due to poor nutrient management and pest and disease problem in Chrysanthemum. With KVK interventions like integrated nutrient management in Ragi and Redgram and pest and disease management in Chrysanthemum along with proper dairy management has resulted in net income of Rs.4,04,672 by adopting scientific cultivation practices.



Pest and disease management in Chrysanthemum



Integrated nutrient management in Redgram



Name of farmer: Sridhar S.M. S/O Mahendra
Address: Sussanahalli, Magadi (T), Ramanagara (D)
Karnataka
Age: 25
Education: II PUC
Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)/Number	Production(Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi (ML-365)	2	Grain: 21 Straw: 51	69680	30600
Field Crop 2	Maize	1	22	28600	16300
Hort. Crop 1	Banana	1	96	240000	148800
Livestock 1	Sheep	10	2.5	70000	30000
Livestock 2	Goat	3	0.84	25200	9000
Total	-	-	-	4,33,480	2,34,700

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Ragi (MR-6)	2	Grain: 26 Straw: 53	96200	55920	23.80 3.92	82.70
Field Crop 2	Maize	0.5	15	22500	15000	-31.80	-7.96
Hort. Crop 1	Banana	1	120	360000	248000	25.00	66.66
Hort. Crop 2	Tomato	0.5	70	145000	100000	>100	>100
Livestock 1	Sheep	25	6.6	190000	95000	164.00	216.66
Livestock 2	Goat	10	2.8	90000	35000	233.33	288.88
Total	-	-	-	9,03,700	5,48,920	-	133.88

Brief: The farmer used to get annual income of Rs.2,34,700 from Ragi, Maize, Banana, Sheep and Goat. He faced problems like low yield in Ragi, Maize and Banana due to poor nutrient management and pest disease problem in Banana and Maize. With KVK interventions like integrated crop management in Ragi, Maize, Banana, tomato, he has been trained on scientific sheep and goat rearing and frequent follow-up has been done for balanced feed and fodder management, now he is getting annual income of Rs.5,48,920.



Integrated crop management in Maize



Sheep and goat rearing



Name of farmer: Kalasiddaiah S/O Muddaiah

Address: KG Hosahalli, Ramanagara (T), Ramanagara (D)

Karnataka

Age: 55

Education: SSLC

Size of land holding (in): 4

1) Before Intervention

Component Description		Benchmark (Baseline period 2018-19)			
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Ragi	1	Grain: 8 Straw: 21	28400	13200
Field Crop 2	Paddy	1	Grain: 18 Straw: 36	34200	17400
Hort. Crop 1	Mango	1	40	100000	60000
Hort. Crop 2	Coconut	1	3800	50000	35000
Livestock 1	Cow	2	3000	75000	48750
Other enterprise (Specify)	Sericulture (Mulberry intercrop in Coconut)	0.5	3	105000	73500
Total	-	-	-	3,92,600	2,47,850

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Ragi	1	Grain: 10.5 Straw: 26	40100	23400	31.25 23.80	77.27
Field Crop 2	Paddy	1	Grain: 22 Straw: 39	42800	24500	22.22 8.33	40.80
Hort. Crop 1	Mango	1	56	156800	115000	40.00	91.66
Hort. Crop 2	Coconut	1	4700	70500	56000	23.68	60.00
Livestock 1	Sheep	5	1.5	52500	30000	>100	>100
Livestock 2	Cow	4	7500	225000	155000	150.00	217.94
Other enterprise (Specify)	Sericulture (Mulberry intercrop in Coconut)	0.5	3.6	135000	98000	20.00	33.33
Total	-	-	-	7,22,700	5,01,900	-	102.50

Brief: The farmer used to get annual income of Rs. 2,47,850 from Ragi, Paddy, Mango, Coconut, Dairy and Sericulture. He faced the problems like low yield in Ragi, Paddy and Mango, due to improper nutrient management and pest and disease problems. With the KVK interventions like integrated crop management and introduction of fodder crops as Guinea grass a intercrop in Coconut, composting of Sericulture waste and utilization and introduction of Sheep and scientific feed management in Dairy etc., he is getting annual income of Rs. 5,01,900 by adopting integrated farming system in his farm.



ICM in guinea grass fodder



ICM in Mulberry



Name of farmer: Vijay Kumar, B.S.

Address: S/o Late Shankarappa, Palabhovidodddi, Kasaba Hobli, Ramanagara, taluk and district.

Karnataka

Age: 47

Education: PUC

Size of land holding (in acre): 2.5 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.)
Hort. Crop 1	Capsicum	0.5	80	6,00,000	3,00,000
Hort. Crop 2	Spinach	1	210	3,15,000	1,90,000
Hort. Crop 3	Mango	1	30	1,50,000	89,000
Total				10,65,000	5,79,000

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Hort. Crop 1	Capsicum (Hybrid Inspiration Red and Bachata)	0.5	120	9,60,000	6,10,000	50	103.33
Hort. Crop 2	Spinach (IRIS hybrid)	1	300	6,60,000	4,10,000	42.85	115.78
Hort. Crop 3	Mango (Badami)	1	45	3,60,000	2,40,000	50	169.66
Total				19,80,000	12,60,000	-	117.61

Brief: The farmer used to get annual income of Rs. 5,79,000 from Capsicum, Spinach and Mango. He faced problems like mites and thrips infestation in Capsicum; damping off, root rot fusarium wilt, poor quality of leaves in Spinach; fruit drop, small sized fruits, fruit fly infestation and low yielding in Mango. With KVK interventions like integrated crop management practices in Capsicum; integrated nutrient and disease management in Spinach; ICM in Mango, safe ripening and direct marketing of Mango, he is getting annual income of Rs. 12,60,000 from the production of Capsicum, Spinach and Mango.



Integrated nutrient and disease management in Spinach



Integrated Crop Management in Capsicum