

Case studies of Technological Interventions on Doubling Farmers Income



ICAR - Krishi Vigyan Kendra, North Goa
ICAR - Central Coastal Agricultural Research Institute

Ela, Old Goa, Goa - 403 402

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Preface

Doubling farmers income is target set by the Govt. of India in 2015. The target was to be achieved by 2022, through seven sources of income growth which were improvement in crop productivity, livestock productivity, resource use efficiency or saving the cost of production, increase in the cropping intensity, diversification towards high value crops, improvement in real prices received by farmer and shift from farm-to-farm occupation. Taking this into account KVK's concentrated its efforts in doubling farmers income of North Goa. The farmers received a variety of interventions in an effort to double their income. Such as backyard poultry, goatery, vermicomposting, value addition in local fruits & vegetables, integrated pest & disease management, integrated nutrient management, soil health card-based fertilizer application, organic farming, clean milk production, and scientific fodder production bypass fat. An effort is made to publish success stories related to DFI through this publication.

Authors

1. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Satish Kumar Shikerkar
	Address:	Pisgal Goa
	Mobile Number	9421381485
	Age:	40 years
	Education:	Graduate
	Size of land holding (in acre):	10.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	4000	21	306000	187140
Hort. Crop 2	Coconut	240	4800	57600	29376
Hort. Crop 3	Cashew	200	1	10000	5170
Total				373600	221686

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	4000	40	680000	450000	79.1	140.4
Hort. Crop 2	Coconut	240	6000	90000	54000	25	83.8
Hort. Crop3	Cashew	200	1.9	20900	14780	90	185.8
Hort. Crop 4	vegetable	1	-	98720	63719		
Total				889620	582499		

Brief: The farmer used to get annual income of Rs. 221686/- from cashew, coconut & arecanut, etc. He faced problems like low productivity in cashew, fruit drop in arecanut. With DFI interventions like IPM&INM CSRB management in cashew he is getting annual income of Rs 582499/- in addition there is cost saving of Rs. 33780/- in the production of above crops.



Drying of arecanut



Turmeric rhizomes

2. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Uday H Desai
	Address:	Panshey Sattari Goa
	Mobile Number	9420170998
	Age:	68 years
	Education:	Graduates
	Size of land holding (in acre):	20.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3500	35	595000	909400
Hort. Crop 2	Cashew	1200	16.2	178200	94446
Hort. Crop 3	Banana	800	400	84000	47000
	Black pepper	300	0.5	21000	10440
Total				878200	461286

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	3500	73.5	1323000	859950	110	177.9
Hort. Crop 2	Cashew	1200	28	308000	187000	72.8	97.9
Hort. Crop 2	Banana	800	800	160000	97600	100	107.6
Hort. Crop 3	Black pepper	300	0.75	36000	22680	58	117.2
Livestock	Dairy	5	1500	270000	135000		
Total				2097000	1302230		

Brief: The farmer used to get annual income of Rs. 461286/- from Arecanut, cashew, banana etc. He faced problems like fruit drop in arecanut, cashew. With DFI interventions like IPM & INM in Arecanut, introduction of turmeric cultivation he is getting annual income of Rs 1302230/- in addition there is cost saving of Rs. 28920/- from the production of above crops.



Arecanut Orchard

Banana plantation

3. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Vasant Joshi
	Address:	Malpan, Sattari, Goa
	Mobile Number	9765130975
	Age:	72 years
	Education:	Graduate
	Size of land holding (in acre):	6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Areca nut	600	13	208000	110211
Hort. Crop 2	Cashew	450	7.1	78100	41280
Hort. Crop 3	Black pepper	200	0.4	16000	9120
Total				302100	160640

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Areca nut	600	24	408000	246640	84.6	123.78
Hort. Crop 2	Cashew	450	13.5	148500	70000	90.1	69.5
Hort. Crop 3	Black pepper	200	0.9	40500	24895	125	172.9
Hort. Crop 4	Banana	50	50 bunch	10000	7500		
Total				607000	127059		

Brief: The farmer used to get annual income of Rs. 160640/- from areca nut, cashew, black pepper etc. He faced problems like low yield, fruit drop, high pest disease incidence DFI interventions like scientific management of crops, CSRB in cashew, IPM & INM in Areca nut, introduction of turmeric cultivation he is getting annual income of Rs 127059/- in addition there is cost saving of Rs. 17200/- in the production of above crops.



Banana plantation

Areca nut Orchard

4. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Sanjay Korde
	Address:	Priol Goa
	Mobile Number	9850099549
	Age:	58 years
	Education:	Graduate
	Size of land holding (in acre):	37.5 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	Arecanut	4000	51.7	778500	386415
Hort. Crop 2	Cashew	500	6.1	67100	36892
Hort. Crop 3	Black pepper	100	0.2	8000	4160
Total				853600	427467

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	400	72.5	123250	764150	40.2	97.7
Hort. Crop 2	Cashew	500	15	165000	100650	145.9	172.8
Hort. Crop 3	Black pepper	100	0.28	12600	7812	40	87.7
Hort. Crop 4	Banana	50	50	10000	7200		
Total				310850	879812		

Brief: The farmer used to get annual income of Rs. 427467/- from arecanut, cashew, black pepper etc. He faced problems like fruit drop, high pest disease incidence, improper fertilizer doses. With DFI interventions like IPM & INM scientific orchard management, inter cropping he is getting annual income of Rs 879812/- in addition there is cost saving of Rs. 34750/- in the production of above crops.



Arecanut orchard

Banana plantation

5. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Srirang Jambhale
	Address:	Savoi verem, Goa
	Mobile Number	75988920490
	Age:	48 years
	Education:	Graduate
	Size of land holding (in acre):	13.5 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	Arecanut	1200	4.1	69700	36941
Hort. Crop 2	Cashew	100	2.2	22870	11880
Hort. Crop 3	Black pepper	110	0.2	8000	4240
Total				100570	53061

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1200	8.4	142800	88536	104.8	139.6
Hort. Crop 2	Cashew	100	5	55000	34650	127.2	191.6
Hort. Crop 3	Black pepper	100	0.55	24750	15840	175.0	273.0
Total				222550	139026		

Brief: The farmer used to get annual income of Rs. 53061/- from arecanut, cashew, black pepper etc. He faced problems like fruit drop, high pest disease incidence, improper fertilizer doses. With DFI interventions like IPM & INM scientific orchard management, he is getting annual income of Rs 139026/- in addition there is cost saving of Rs. 23150/- in the production of above crops.



Integrated Arecanut Orchard

6. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Vijaykumar Savoikar
	Address:	Savoi verem, Goa
	Mobile Number	9823440228
	Age:	40 years
	Education:	Graduate
	Size of land holding (in acre):	5.2

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3500	32	544000	288320
Hort. Crop 2	Cashew	100	2.5	27500	14780
Hort. Crop 3	Coconut	200	980	14700	8526
Total				586200	311626

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	3500	42	714000	449820	31.25	56.04
Hort. Crop 2	Cashew	100	4.6	50600	31372	84.00	112.25
Hort. Crop 2	Coconut	200	1200	21600	13744	22.45	61.20
Other enterprise (Specify). Crop 2	Cashew processing unit	1	300	150000	900000	-	-
Total				936200	1394936		

Brief: The farmer used to get annual income of Rs. /- from arecanut, cashew, coconut etc. He faced problems like fruit drop, high pest disease incidence, improper fertilizer doses. With DFI interventions like IPM & INM scientific orchard management, he is getting annual income of Rs /- in addition there is cost saving of Rs. 48750/- in the production of above crops.



Arecanut field



Coconut field

7. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Sanjay A Patil
	Address:	Savoi verem, Goa
	Mobile Number	8806860430
	Age:	57 years
	Education:	12 th
	Size of land holding (in acre):	10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1600	17	289000	153170
Hort. Crop 2	Cashew	200	6.2	68200	38192
Hort. Crop 3	Coconut	150	4580	68700	36411
	Black pepper	300	1.3	58500	34515
Total				484400	262288

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1600	32	544000	349920	88.2	128.4
Hort. Crop 2	Cashew	200	12	132000	84710	93.5	121.8
Hort. Crop 2	Coconut	150	7500	150000	111000	63.7	2.4.85
Hort. Crop 2	Black pepper	300	2	150000	95000	53.8	175.24
	Pineapple	3 acre	62.5	250000	152710		
Total				1226000	793340		

Brief: The farmer used to get annual income of Rs.191362 /- from arecanut, cashew, coconut etc. He faced problems like fruit drop, improper nutrient management. With DFI interventions like scientific orchard management, soil test-based fertilizer he is getting annual income of Rs793340 /- in addition there is cost saving of Rs. 32120/- in the production of above crops.



Jivamrut unit



Arekanut field

8. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Sanjeev Kunkolienkar
	Address:	MAngueshi Goa
	Mobile Number	9011366430
	Age:	57 years
	Education:	Post Graduate
	Size of land holding (in acre):	3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	2500	3.7	62900	36482
Hort. Crop 2	Coconut	155	4002	60030	32416
Hort. Crop 3	Black pepper	100	0.6	27000	21120
Total				149930	90018

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	2500	7.5	127500	83300	102.7	128.33
Hort. Crop 2	Coconut	155	6045	120900	76167	51.0	134.97
Hort. Crop 2	Black pepper	100	1	60200	38520	66.6	82.39
Hort. Crop 3	Banana	150	150 bunch	37500	22875		
Hort. Crop 4	Pineapple	100	125 pc	5000	31500		
Total				351100	252362		

Brief: The farmer used to get annual income of Rs.90018 /- from arecanut, coconut, black pepper etc. He faced problems like low productivity, low cropping index, low income. With DFI interventions like scientific crop management, introduction of banana & pine apple inter crop he is getting annual income of Rs. 252362 /- in addition there is cost saving of Rs. 17200/- in the production of above crops.



Banana plantation



Arekanut orchard

9. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Uday Bhate
	Address:	Bicholim, Goa
	Mobile Number	9168178304
	Age:	41 years
	Education:	Graduate
	Size of land holding (in acre):	20 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	4000	35.8	608600	322558
Hort. Crop 2	Cashew	500	18.9	207900	108108
Hort. Crop 3	Coconut	300	6890	103350	58909
Hort. Crop 4	Black pepper	3000	3.2	128000	75520
Total				1047850	565095

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	4000	72	1224000	783360	101.1	142.8
Hort. Crop 2	Cashew	500	36.5	401500	256960	93.1	137.6
Hort. Crop 3	Coconut	300	12600	252000	158760	82.8	169.5
Hort. Crop 4	Black pepper	3000	7.5	337500	212625	134.3	181.5
Hort. Crop 5	Banana	400	400	80000	48800		
Total				2068000	1460505		

Brief: The farmer used to get annual income of Rs. 565095/- from arecanut, cashew, coconut etc. He faced problems like low productivity, low income, high pest & disease management. With DFI interventions like scientific orchard management, IPM, INM introduction of banana as inter crop he is getting annual income of Rs. 1460505 /- in addition there is cost saving of Rs. 54000/- in the production of above crops.



Arekanut orchard



Cashew plantation

10. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Sunil Harijan
	Address:	Pernem Goa
	Mobile Number	9112780552
	Age:	46 years
	Education:	Primary
	Size of land holding (in acre):	landless

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Livestock 1	Dairy	2	1800	55800	27132
Total					

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
	Dairy	6	4500	157500	91350	150	236.6
Other enterprise (Specify)	Vermicomposting	-	15	30000	18000		
Total				187500	109350		

Brief: The farmer used to get annual income of Rs. 27132/- from Dairy. He faced problems like low milk yield, fodder problem With DFI interventions like clean milk production, bypass fat, silage making he is getting annual income of Rs. 109350 /- in addition there is cost saving of Rs. 2800/- in the production of above crops.



Cattleshed

Vermicompost unit

11. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Shri Omu gawas
	Address:	Pillar
	Mobile Number	9637610484
	Age:	65 years
	Education:	Primary
	Size of land holding (in acre):	2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.5	12.6	25200	13104
Total				25200	13104

2) Status in 2020

Component Description		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	1.5	20	50000	29000	58.7	121.3
Hort. Crop 1	Vegetable	1.5		80000	48190		
Other enterprise (Specify)	Dairy - Cow	1	450	15750	8347		
Total				145750	85537		

Brief: The farmer used to get annual income of Rs.13104 /- from rice. He faced problems like low cropping intensity, low productivity. With DFI interventions like scientific rice cultivation, IPM, INM in rice he is getting annual income of Rs. 85537 /-.



Paddy Field

Vegetable field

12. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Udes Parra
	Address:	Parra Bardez, Goa
	Mobile Number	8805223442
	Age:	44 years
	Education:	Graduate
	Size of land holding (in acre):	2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.5	15	48000	21780
Field Crop 2	Cowpea	0.5	1.1	18000	10101
Total				66000	31881

2) Status in 2020

Component Description		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	2.5	28	70000	42780	86.6	96.4
Field Crop 2	Cowpea	0.5	2	40000	23450	81.8	132.1
Hort. Crop 1	Vegetable	1.5	-	170000	105000		
Hort. Crop 2	Water melon	0.5	35	70000	41300		
Total				350000	212530		

Brief: The farmer used to get annual income of Rs.31881 /- from rice & cow pea. He faced problems low productivity, low income. With DFI interventions like improved vegetable cultivation, improved watermelon cultivation he is getting annual income of Rs. 212530/-.



Cowpea Field



Watermelon field

13. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Saktharam Kalangutkar
	Address:	Ibrampur, Pernem, Goa
	Mobile Number	8390115257
	Age:	54
	Education:	Primary
	Size of land holding (in acre):	3.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2	7	14000	7380
Field Crop 2	Cowpea	2	5.6	84000	45360
Livestock 1	Dairy	7	6000	180000	93600
Total				278000	146340

2) Status in 2020

Component Description		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	2	1.1	27500	16225		119.8
Field Crop 2	Cowpea	2	8.8	176000	107360	57.1	136.6
	Dairy	13	13500	472500	264600		
Total				676000	388185		

Brief: The farmer used to get annual income of Rs. 146340/- from rice, cowpea & dairy. He faced problems like low productivity in rice, low fat in milk. With DFI interventions improved rice cultivation, bypass fat, clean milk production he is getting annual income of Rs. 388185 /- in addition there is cost saving of Rs. 17800/- in the production of above crops.



Dairy unit



Vegetable field

14. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Amit Dessai
	Address:	Guleli, Sattari, North Goa
	Mobile Number	8668782651
	Age:	32
	Education:	Graduate
	Size of land holding (in acre):	5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cashew	500	10.79	118690	66466
Hort. Crop 2	Coconut	150	3950	59250	30780
Hort. Crop 3	Arecanut	2000	31.05	527850	279760
Total				705790	377006

2) Status in 2020

Component Description		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	Cashew	500	22.50	247500	153450	108.53	130.869
Hort. Crop 2	Coconut	150	5250	105000	62890	32.91	104.32
Hort. Crop 3	Arecanut	2000	62.80	1067600	640560	102.25	128.97
Hort. Crop 4	Turmeric	0.25	8	6400	4120		
Other enterprise (Specify)	Nursery	0.125	10000	100000	71280		
Total				1526500	932300		

Brief: The farmer used to get annual income of Rs.377006/- from arecanut, cashew, coconut etc. He faced problems like fruit drop, improper nutrient management. With DFI interventions like scientific orchard management, soil test based fertilizer application he is getting annual income of Rs. 932300 /- in addition there is cost saving of Rs.39600 /- in the production of above crops.



Cashew plantation

Nursery unit

15. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Dazi K Desai
	Address:	Brahma Karmali, Sattari
	Mobile Number	9423946718
	Age:	55
	Education:	SSC
	Size of land holding (in acre):	10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cashew	2	2	26000	16120
Hort. Crop 2	Banana	1	90	36000	17280
Hort. Crop 3	Arecanut	2	2.8	47600	31200
Hort. Crop 4	Coconut	15	975	14625	10091
Total				109600	64600

2) Status in 2020

Component Description		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	Cashew	4	8.75	113750	59150	337.5	266.90
Hort. Crop 2	Banana	1	100	80000	49600	11.11	187.03
Hort. Crop 3	Arecanut	2	4.1	73800	62870	46.42	101.50
Hort. Crop 4	Coconut	15	1350	24300	13907	38.46	37.81
Livestock 1	Dairy	4	36000	108000	69120	100	100
Livestock 2	Backyard poultry	35		50400	35784	100	100
Total				450250	290431		

Brief: The farmer used to get annual income of Rs. 64600/- from cashew, arecanut, banana, etc. He faced problems like low productivity, fruit drop, low fruit bearing, etc. With DFI interventions like scientific orchard management, IPM and INM in cashew, arecanut, dairy farming, backyard poultry, etc., he is getting annual income of Rs 290431/-. In addition, there is cost saving of Rs. 5,000/- in the production of arecanut.



Cattleshed



Banana Field

16. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Krishna Ganesh Hawalkar
	Address:	Brahmakarmali, Sattari, North Goa
	Mobile Number	9421750911
	Age:	59
	Education:	5 th
	Size of land holding (in acre):	5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	3	6000	3280
Hort. Crop 1	Arecanut	700 nos.	3.5	59500	30345
Hort. Crop 2	Banana	20 nos.	2	1000	650
Hort. Crop 3	Coconut	50 nos	3000	45000	22050
Hort. Crop 4	Cashew	2	2	26000	14080
Total				109600	70405

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	5.8	14500	8555	93.33	160.82
Hort. Crop 1	Arecanut	700	7.2	129600	76352	105.71	151.61
Hort. Crop 2	Banana	20	2.4	1920	1090	20	67.69
Hort. Crop 2	Coconut	50	4000	72000	41760	33.33	89.39
Hort. Crop 3	Cashew	2	5	65000	39650	150	181.60
Livestock 1	Dairy	8	4320	194400	93312	100	100
Total				477420	260719		

Brief: The farmer used to get annual income of Rs. 70,405/- from paddy, cashew, arecanut, etc. He faced problems like low productivity, fruit drop, less fruting, etc. With DFI interventions like Scientific archard management, dairy farming, etc., he is getting annual income of Rs. 2,60,719/-. In addition, there is cost saving of Rs.4000 in the production of areknut and cashew



17. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Fato krishna Gaonkar
	Address:	Nanli Sattari, North Goa
	Mobile Number	9404925529
	Age:	62
	Education:	SSC
	Size of land holding (in acre):	8

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	18	36000	17640
Hort. Crop 1	Cashew	5	3	39000	21620
Hort. Crop 2	Arecanut	150	1.05	13650	7736
Hort. Crop 3					
Total				88650	46996

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	3	22	48400	25168	22.22	42.67
Hort. Crop 1	Cashew	5	5	65000	37700	66.67	74.37
Hort. Crop 2	Arecanut	150	3.75	63750	35700	257.10	361.47
Livestock 1	Dairy	12	11200	336000	164640	100	100
Total				513150	263208		

Brief: The farmer used to get annual income of Rs. 46,996/- from paddy, cashew, arecanut, etc. He faced problems like low productivity, high pest incidence, fruit drop, etc. With DFI interventions like scientific cultivation technologies, IPM, INM, dairy farming, etc., he is getting annual income of Rs. 2,63,208/-. In addition, there is cost saving of Rs. 4,020/- in the production of Arecanut.



Cattleshed



Paddy field

18. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Datta Vithal Sawant
	Address:	Koparde, North Goa
	Mobile Number	8275644815
	Age:	74
	Education:	7 th
	Size of land holding (in acre):	5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	43	8600	4386
Hort. Crop 1	IFS (Areca nut)	2		120500	69890
Hort. Crop 2	Cashew	2	1	13000	7670
Total				142100	81946

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	6.8	17000	8240	58.13	87.87
Hort. Crop 1	IFS (Areca nut)	2		210800	130696		87
Hort. Crop 2	Cashew	2	2	26000	16340	100	113.03
Livestock 2	Dairy	20	30000	90000	48900	100	100
Total				343800	204176		

Brief: The farmer used to get annual income of Rs. 81,946/- from paddy, IFS (Areca nut), cashew, etc. He faced problems like low productivity, low income, etc. With DFI interventions like scientific orchard management, SRI, dairy farming, etc., he is getting annual income of Rs 6,04,176/-. In addition, there is cost saving of Rs. 1,000/- in the production of Paddy.



Paddy Field

IFS(Areca nut)

19. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Rohidas Ramchandra Gaonkar
	Address:	Nanali, Sattari, North Goa
	Mobile Number	94230597337
	Age:	47
	Education:	SSC
	Size of land holding (in acre):	11

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.6	4.5	9000	5310
Hort. Crop 1	IFS (Areca nut)	1		80000	42720
Hort. Crop 2	Cashew	9	3	39000	20280
Total				128000	68310

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.6	6.2	15500	8990	37.78	69.30
Hort. Crop 1	IFS (Areca nut)	1		118900	68584		60.54
Hort. Crop 2	Cashew	9	5	65000	35100	66.67	73.07
Livestock 1	Dairy	24	19600	784000	407680	100	100
Total				983400	520354		

Brief: The farmer used to get annual income of Rs. 68,310/- from paddy, cashew, areca nut orchard, etc. He faced problems like poor orchard management, low income, low productivity, etc. With DFI interventions like scientific orchard management, dairy farming, etc., he is getting annual income of Rs. 5,20,354/-. In addition, there is cost saving of Rs.4800 in the production of paddy and cashew.



20. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Vinod Barve
	Address:	Satode, Sattari, North Goa
	Mobile Number	9420979573
	Age:	45
	Education:	Graduate
	Size of land holding (in acre):	82.5

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	IFS (Arecanut)	15		4800000	3070000
Hort. Crop 2	Cashew	52.5	47.25	614250	374692
Other enterprise (Specify)	Arecanut Processing		116	2088000	1002240
	Cashew Processing		105	7900000	1953000
Total				15402250	5397692

2) Status in 2020

Component Description		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	IFS -Arecanut	15		5918050	4678000		52.37
Hort. Crop 2	Cashew	52.5	73.25	952250	552305	55.07	47.40
Other enterprise (Specify)	Cashew Processing		150.71	10550000	4536500	43.53	132.28
	Arecanut processing		139	2502000	1150920	19.82	14.83
	Arecanut leaf plate making			650000	280800	100	100
	Coconut oil production unit		100	20000	11880	100	100
Total				20592300	11210405		

Brief: The farmer used to get annual income of Rs. 63,99,932/- from IFS (arecanut), cashew, cashewnut processing unit, arecanut processing unit, etc. He faced problems like poor orchard management, fruit drop, low productivity, etc. With DFI interventions like scientific orchard management, IPM, INM, processing of arecanut leaf, coconut processing, etc., he is getting annual income of Rs 1,12,10,405/-. In addition, there is cost saving of Rs. 79,890/- in the production of cashew, cashewnut processing and arecanut leaf making.

	Integrated arecanut orchard		Arecanut processing unit
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21. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Urmila Mandrekar
	Address:	Parra, Bardez, North Goa
	Mobile Number	9823569384
	Age:	65
	Education:	SSC
	Size of land holding (in acre):	2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.75	14	25200	13104
Field Crop 2	Cowpea	0.5	1.60	25600	15616
Field Crop 2	Sweet potato	0.5	10.8	21600	12514
Total				72400	41234

2) Status in 2020

Component Description		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	1.75	21.40	53500	34240	52.85	161.29
Field Crop 2	Cowpea	0.5	2.95	59000	35420	84.00	126.81
Hort. Crop 1	Sweet potato	0.5	17.2	43000	29240	59.26	133.65
Hort. Crop 2	Watermelon	0.75	40.5	162000	106920	100	100
Total				317500	205820		

Brief: The farmer used to get annual income of Rs. 41234/- from paddy, cowpea, sweet potato, etc. He faced problems like low productivity, pest and disease high infestation, etc. With DFI interventions like improved production technology of paddy, cowpea and sweet potato, using high yielding varieties and introduction of watermelon, etc., he is getting annual income of Rs 2,05,820/-. In addition, there is cost saving of Rs. 28,000/- in the production of paddy, cowpea, sweet corn and watermelon.



Cowpea field



Watermelon field

22. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt.Revati Ravindra Parsekar
	Address:	Parra, Bardez, North Goa
	Mobile Number	9356729668
	Age:	67
	Education:	Primary
	Size of land holding (in acre):	1

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	9.20	18400	11730
Field Crop 2	Cowpea	1	3.15	44100	26019
Total				62500	37749

2) Status in 2020

Component Description		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	13.9	34750	23630	51.08	101.44
Field Crop 2	Cowpea	0.51	2.85	51300	35910	81.52	
Hort. Crop 1	Watermelon	0.25	14	56000	38080	100	100
Hort. Crop 2	Okra	0.25	8.5	25500	15556	100	100
Total				167550	113176		

Brief: The farmer used to get annual income of Rs. 37,749/- from paddy, cowpea, etc. He faced problems like, low yield, poor nutrient management, etc. With DFI interventions like improved paddy cultivation, improved cowpea cultivation, integrated nutrient management and IPM, scientific watermelon cultivation technology, scientific okra production technology, etc., he is getting annual income of Rs 1,13,176/-. In addition, there is cost saving of Rs. 12,000/- in the production of paddy, cowpea, watermelon.



Okra field



Paddy field

23. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Ravikant Ramchandra Naik
	Address:	Chwawada, Virnoda, Pernem
	Mobile Number	8766431359
	Age:	44
	Education:	SSC
	Size of land holding (in acre):	9

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.25	8	16000	9800
Field Crop 2	Chili	0.5	1.15	8400	4872
Hort. Crop 1	Cashew	5550	22	286000	183040
Livestock 1	Cow	2	450	11700	2925
Total				322100	200637

2) Status in 2020

Component Description		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	1.25	11.8	28125	16500	47.5	68.37
Field Crop 2	Chili	0.5	2.3	13800	9384	100	92.62
Hort. Crop 1	Cashew	550	38.5	500500	367200	75	100
Hort. Crop 2	Vegetables	0.62	55.8	195300	113274	100	100
Livestock 1	Broadbean	0.5	11.7	46800	29952	100	100
Livestock 2	Cow	2	750	19500	7410	66.7	153
Total				737725	543720		

Brief: The farmer used to get annual income of Rs.2,00,637/- from Paddy, Chili, Cashew, Cow, etc. He faced problems like low productivity, high pest and disease incidence, poor orchard management, etc. With DFI interventions like improved production technology, integrated pest management integrated nutrient management, orchard management, clean milk production, fodder management, etc., he is getting annual income of Rs 5,43,720/-. In addition, there is cost saving of Rs. 17000/- in the production of chili and cashew.



Cashew field



Vermicompost unit

24. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Sriram Salgaonkar
	Address:	Deulawada, Parse, Pernem
	Mobile Number	9158768507
	Age:	45
	Education:	BCom
	Size of land holding (in acre):	79

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2.5	20	40000	18000
Field Crop 2	Cashew	75	286.8	117647	843200
Hort. Crop 1	Vegetables	0.5	31.2	78000	43680
Total				235647	904880

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2.5	48	120000	93000	140	116.67
Field Crop 2	Cashew	75	521.2	2084800	1438512	81.72	70.60
Hort. Crop 1	Vegetables	0.5	44.67	101410	79180	43.17	81.27
Hort. Crop 2	Marigold	0.05	12.8	78000	599920	100	100
Hort. Crop 2	Tomato	0.05	3.9	15600	10420	100	100
Other enterprise (Specify)	Cashew fenny	100	40	60000	41000	100	100
	Nursery	0.05	0	168000	130000	100	100
Total				2384210	2210612		

Brief: The farmer used to get annual income of Rs. 9,04,880/- from Rice, cashew and vegetables, etc. He faced problems like low productivity, high input cost, high pest incidence, etc. With DFI interventions like SRI, improved pest management in rice, cashew orchard management, introduction of vegetable cultivation and marigold, processing of cashew apple and establishment of nursery, etc., he is getting annual income of Rs 22,10,612. In addition, there is cost saving of Rs. 38,000/- in the production of paddy and cashew.



Cashew field



Cashew apple making local unit

25. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Nivedita Sonnaik
	Address:	Surla, Bicholim, North Goa
	Mobile Number	7020989678
	Age:	45
	Education:	12 th
	Size of land holding (in acre):	2.5 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	4.8	10,000	6208
Hort. Crop 1	Cashew	200 nos.	3	36000	21780
Hort. Crop 2	Arecanut	2 acre	5	75000	47870
Total				1,21,000	75,858

2) Status in 2020

Component Description		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	10.2	22820	14720	112.5	137.1
Hort. Crop 1	Cashew	200 nos	6.2	74826	48790	106.67	124.01
Hort. Crop 2	Arecanut	2 acre	9	140000	94820	80.0	98.07
Total				237646	158330		

Brief: The farmer used to get annual income of Rs. 75858/- from Paddy, cashew and arecanut, etc. He faced problems like low productivity, fruit drop. With DFI interventions like improved paddy cultivation, integrated Crop Management in cashew & arecanut, he is getting annual income of Rs 158330/-. In addition, there is cost saving of Rs. 13,000/- in the production of paddy, cashew and arecanut.



26. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Vishranti Surlekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9822128968
	Age:	46
	Education:	12 th
	Size of land holding (in acre):	0.6 ha

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	Rice	0.5	2	4200	3180
Hort. Crop 1	Arecanut	0.5	3	48000	30600
Hort. Crop 2	Coconut	10 nos	500 nos	10000	8000
Total				62200	41780

2) Status in 2020

Component Description		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	0.5	5	12500	8400	150	164
Hort. Crop 1	Arecanut	0.5	6	108000	87270	100	185.2
Hort. Crop 2	Coconut	10	700 no	17500	11900	40	48.75
Total				138000	107570		

Brief: The farmer used to get annual income of Rs. 62200/- from Rice Coconut and arecanut, etc. He faced problems like low productivity, fruit drop in coconut & arecanut. With DFI interventions like improved paddy cultivation, integrated Crop Management in coconut & arecanut, he is getting annual income of Rs 107570/-. In addition, there is cost saving of Rs. 7000/- in the production of rice and arecanut.



27. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Namisha Arondekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9637423796
	Age:	42
	Education:	10 th
	Size of land holding (in acre):	0.25 ha

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	Rice	0.5	1	2280	1560
Total				2280	1560

2) Status in 2020

Component Description		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	0.25	2.6	6890	4270	160	173.7
Hort. Crop 1	Vegetables	0.25	-	28000	19800	100%	100%
Total				34890	24070		

Brief: The farmer used to get annual income of Rs. 1560/- from Rice etc. He faced problems like low productivity. With DFI interventions like SRI, improved vegetable cultivation he is getting annual income of Rs 24070/-. In addition, there is cost saving of Rs. 200/- in the production of rice.



28. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Anita Anand Govekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	8007764341
	Age:	45
	Education:	5 th
	Size of land holding (in acre):	0.2 ha

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	8	450 nuts	9000	5000
Hort. Crop 2	Arecanut	10	0.1 q	7000	1270
Total				10700	6270

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	8	590	14750	10720	31.11	114.4
Hort. Crop 2	Arecanut	10	0.25	4750	3240	150	155.1
Hort. Crop 3	Vegetables	0.25	-	12000	8000	100%	100%
Total				31500	21960		

Brief: The farmer used to get annual income of Rs. 6270/- from arecanut, and coconut. He faced problems like low productivity, fruit drop. With DFI interventions like integrated nutrient Management in coconut & arecanut, IPM in Arecanut & coconut and improved vegetable cultivation he is getting annual income of Rs 21960/-.



29. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt. Dipika Sonnaik
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9373229235
	Age:	55
	Education:	2nd
	Size of land holding (in acre):	0.5 ha

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	Cashew	250 nos	3.75	45000	27270
Hort. Crop 2	Arecanut	30 nos	0.3	5100	2980
Total				50100	30250

2) Status in 2020

Component Description		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	Cashew	250	8.75	113750	68250	133.33	150.27
Hort. Crop 2	Arecanut	30	0.75	14250	7420	148.9	148.9
Total				128000	75670		

Brief: The farmer used to get annual income of Rs. 30250/- from Cashew and arecanut. He faced problems like low productivity. With DFI interventions like Integrated Cashew Management, Improved Orchard Management & IPM in arecanut, he is getting annual income of Rs 75670/-. In addition, there is cost saving of Rs. 11000/- in the production of cashew and arecanut.



30. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Sachi Narvekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9764227956
	Age:	36
	Education:	12 th
	Size of land holding (in acre):	0.2 ha

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	Rice	0.5	2.1	4200	2180
Hort. Crop 1	Arecanut	20	2	3400	1560
Total				7600	3740

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	20	3.6	6480	3810	80%	144
Hort. Crop 2	Vegetables	0.5	-	18000	11200	100%	100%
Total				24480	15010		

Brief: The farmer used to get annual income of Rs. 3740/- from Rice and arecanut, etc. He faced problems like low productivity, low income. With DFI interventions like improved Arecanut Management, he is getting annual income of Rs 15010/-. In addition, there is cost saving of Rs. 1800/- in the production of arecanut.



31. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Ranjita Govind Usgaonkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9049631716
	Age:	53
	Education:	4 th
	Size of land holding (in acre):	0.4 ha

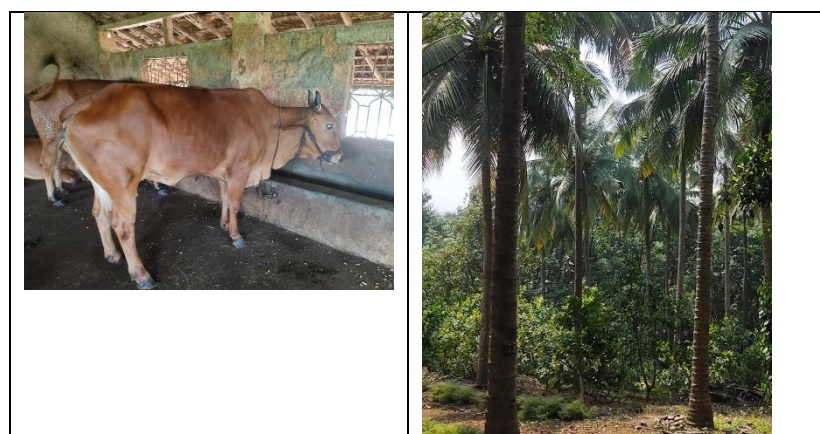
1) Before Intervention

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	100	5000	100000	52790
Hort. Crop 2	Arecanut	60	0.6	9600	4580
Total				109600	67370

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	100	7500	187500	1170000	50.0	86.33
Hort. Crop 2	Arecanut	60	1.6	28800	17280	166.67	277
Hort. Crop 2							
Other enterprise (Specify)	Dairy	5	1800	5400	27120	100	100
Total				270300	161400		

Brief: The farmer used to get annual income of Rs. 67370/- From coconut and arecanut He faced problems like Fruit drop and low productivity With DFI interventions like IPM and INM in coconut and arecanut he is getting annual income of Rs 161400/-



32. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Srimati Usgaonkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9923825969
	Age:	45
	Education:	4 th
	Size of land holding (in acre):	0.7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	2.0	4000	2120
Hort. Crop 1	Arecanut	20	0.4	6800	4180
Total				10800	6300

2) Status in 2020

Component Description		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	0.5	3.5	8750	6210	75	192.92
Hort. Crop 1	Arecanut	20	0.72	12960	7776	80	86.02
Total				21710	13906		

Brief: The farmer used to get annual income of Rs. 6300/- From paddy and arecanut He faced problems like low productivity of rice, fruit drop in arecanut, improper fertilization. With DFI interventions like SRI, improved paddy variety, INM and IPM in arecanut he is getting annual income of Rs 13906/-.



33. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Reshma Pramod Narvekar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	8999711902
	Age:	34
	Education:	10 th
	Size of land holding (in acre):	0.7

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	1.9	3800	2700
Hort. Crop 1	Arecanut	30	0.45	7650	4590
Total				11450	7290

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	4.2	10500	7920	121.0	193.3
Hort. Crop 1	Arecanut	30	1.2	21600	14780	166.6	222.0
Total				32100	22700		

Brief: The farmer used to get annual income of Rs. 7290/- From paddy and arecanut. He faced problems like low productivity in rice, fruit drop in arecanut. With DFI interventions like ICM in arecanut and SRI in paddy, he is getting annual income of Rs 22700/-



34. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Sujoita Surlekar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9359854404
	Age:	39
	Education:	10 th
	Size of land holding (in acre):	1.2ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	100	1.5	25500	13780
Hort. Crop 2	Coconut	40	2000	40000	22910
Total				65500	36690

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	100	3.2	57600	35890	113.3	160.4
Hort. Crop 2	Coconut	40	3000	75000	48750	50	112.7
Total				132600	84640		

Brief: The farmer used to get annual income of Rs. 36690/- From arecanut and coconut He faced problems like fruit drop in coconut and arecanut, low productivity With DFI interventions like Improved orchard management, IPM and INM he is getting annual income of Rs 84640/- In addition, there is cost saving of Rs. 8000 in the production of Arecanut and coconut.



35. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Reshma Usagaonkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9373405516
	Age:	52
	Education:	10 th
	Size of land holding (in acre):	0.1 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	50	0.75	12750	7395
Hort. Crop 2	Cashew	40	0.80	10400	7210
Total				23150	14605

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	50	1.5	27000	17010	100	130
Hort. Crop 2	Cashew	40	1.6	20800	15120	100	109.7
Hort. Crop 3	Banana	20	20	4000	2170	100	100
Total				47800	32220		

Brief: The farmer used to get annual income of Rs. 14605/- From arecanut and cashew He faced problems like low productivity in arecanut and cashew With DFI interventions like ICM in cashew and arecanut, introduction of banana cultivation he is getting annual income of Rs 32220/-.



36. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Trupti Usgaonkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9764743967
	Age:	55
	Education:	Illiterate
	Size of land holding (in acre):	1000

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	100	1.5	25500	14190
Hort. Crop 2	Coconut	10	500	10000	6800
Total				35500	20990

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	100	3.5	63000	39060	133.3	175.2
Hort. Crop 2	Coconut	100	800	20000	13790	60.0	102.7
Total				83000	52850		

Brief: The farmer used to get annual income of Rs. 20990/- From arecanut and coconut He faced problems like low productivity, fruit drop, high pest infestation. With DFI interventions like INM and IPM in arecanut and coconut he is getting annual income of Rs 52850/-



37. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Vidya Satodkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	8390914463
	Age:	49
	Education:	8 th
	Size of land holding (in acre):	0.25 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.25	1.8	3600	2140
Total				3600	2140

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.25	4.6	11500	7120	155.5	232.7
Hort. Crop 1	Vegetables	0.125	-	12800	7490	100	100
Total				24300	14610		

Brief: The farmer used to get annual income of Rs. 2140/- From paddy. He faced problems like low productivity in rice, high pest incidence. With DFI interventions like improved paddy management, SRI and improved vegetable production. he is getting annual income of Rs 14610/- In addition, there is cost saving of Rs. 1200/- in the production of paddy and vegetables.



38. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Chandravati Usgaonkar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	9545186766
	Age:	70
	Education:	Illiterate
	Size of land holding (in acre):	0.3 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.25	1.80	3600	2480
Hort. Crop 1	Arecanut	250	3.5	59500	36510
Total				63100	38990

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.25	4.2	10500	6710	133.3	170.5
Hort. Crop 1	Arecanut	250	800	144000	87430		139.4
Total				154500	94140		

Brief: The farmer used to get annual income of Rs. 38990/- From paddy and arecanut He faced problems like low productivity in rice and fruit drop in arecanut With DFI interventions like SRI and improved production technologies for rice and in arecanut IPM and INM he is getting annual income of Rs 94140/- .



39. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Sandhya Rajaram Narvekar
	Address:	Surla, Sakhali, North Goa
	Mobile Number	7020513019
	Age:	42
	Education:	9 th
	Size of land holding (in acre):	0.15 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.25	3.7185	3700	2570
Total				3700	2570

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.25	5.2	13000	7800	181.0	203.5
Hort. Crop 1	Vegetables	0.25	-	11820	7430		
Total				24820	15230		

Brief: The farmer used to get annual income of Rs. 2570/- From paddy He faced problems like low productivity in paddy With DFI interventions like SRI, improved production technology in rice, introduction of vegetable cultivation during rabi. he is getting annual income of Rs 15230/-



40. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Bandisha B Narvekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9764015678
	Age:	40
	Education:	9 th
	Size of land holding (in acre):	0.87 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	4.38	8760	4280
Hort. Crop 1	Arecanut	20 no	0.30	5100	3120
Hort. Crop 2	Coconut	20 no	800 no	16000	9770
Total				29860	17170

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	10.2	23720	14790	132.87	245.5
Hort. Crop 1	Arecanut	20	0.62	11160	6919	106.66	121.7
Hort. Crop 2	Coconut	20	1370	34250	23710	71.25	142.6
Hort. Crop 2	Banana	15	15	3000	2120		
Total				72130	47539		

Brief: The farmer used to get annual income of Rs. 17170/- from paddy, arecanut, and coconut. He faced problems like low productivity in rice, fruit drop in coconut, & disease problem in Arecanut & coconut. With DFI interventions like integrated crop Management in rice, IPM & INM in Arecanut and coconut, introduction of banana in cropping system he is getting annual income of Rs 47539/-. In addition, there is cost saving of Rs. 2120/- in the production of rice, Arecanut & coconut.



41. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Pratima Kashinath Narvekar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	
	Age:	40
	Education:	12 th
	Size of land holding (in acre):	0.5 ha

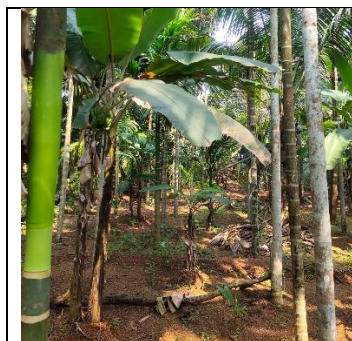
1) Before Intervention

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	Rice	0.25	2.3	4600	3120
Hort. Crop 1	Arecanut	15	0.22	3740	2519
Hort. Crop 2	Coconut	15	750	15000	8230
Total				23340	13869

2) Status in 2020

Component Description		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	0.25	5.1	12250	7105	121.73	127.7
Hort. Crop 1	Arecanut	15	0.48	8640	4970	118.18	97.3
Hort. Crop 2	Coconut	15	1050	21000	13680	40	66.2
Hort. Crop 2	Vegetables	0.25	-	17000	9480		
Hort. Crop 2	Banana	15	15	3000	1870		
Total				61890	37105		

Brief: The farmer used to get annual income of Rs. 13869/- from Rice and arecanut, etc. He faced problems like low productivity in rice, pest & disease infestation in Arecanut & coconut, fruit drop. With DFI interventions like improved rice production technologies, IPM & INM in Arecanut and coconut, introduction of vegetable and banana he is getting annual income of Rs 37105/-. In addition, there is cost saving of Rs. 1700/- in the production of all crops.



42. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Minakshi Usgaonkar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	7264823067
	Age:	34
	Education:	3 rd
	Size of land holding (in acre):	

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.25	2.5	4800	2784
Hort. Crop 1	Arecanut	25	37.5	6375	4170
Total				11175	6954

2) Status in 2020

Component Description		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	0.25	4.5	11250	6830	87.5	145.3
Hort. Crop 1	Arecanut	25	0.87	15660	10130		142.9
Hort. Crop 2	Vegetable	0.25	-	9500	5700		
Livestock 1	Dairy	1	1500	52500	27300		
Total				88910	50140		

Brief: The farmer used to get annual income of Rs. 6954/- from Rice and arecanut, etc. He faced problems like low productivity in rice, fallow land in rabi, fruit drop in Arecanut. With DFI interventions like improved production technology in rice, IPM & INM in Arecanut and dairy, introduction of vegetables he is getting annual income of Rs 50140/-. In addition, there is cost saving of Rs. 27300/- in the production of all crops.



43. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Krutika Usgaonkar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9604364278
	Age:	36
	Education:	10 th
	Size of land holding (in acre):	0.75 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.25	1.7	340	1980
Hort. Crop 1	Arecanut	70	0.35	5950	3332
Hort. Crop 2	Coconut	10	500	10000	5900
Total				16290	11212

2) Status in 2020

Component Description		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	0.25	4.9	12250	7595	188.2	283.5
Hort. Crop 1	Arecanut	70	0.7	11900	7410	100.0	122.3
Hort. Crop 2	Coconut	10	700	14000	8320		41.0
Hort. Crop 2	Banana	150	50	10000	6280		
Livestock	Dairy	5	3000	105000	60900		
Total				153150	90505		

Brief: The farmer used to get annual income of Rs. 11212/- from Rice coconut and arecanut, etc. He faced problems like low yield in rice, improper nutrient & pest management, fruit drop in Arecanut & coconut. With DFI interventions like improved rice cultivation technologies, IPM & INM in Arecanut and coconut, introduction of banana cultivation and dairy he is getting annual income of Rs 90505/-. In addition, there is cost saving of Rs. 13400/- in the production of all crops and dairy.



44. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Prafulla Usgaonkar
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	93599831144
	Age:	52
	Education:	Primary
	Size of land holding (in acre):	1 acre

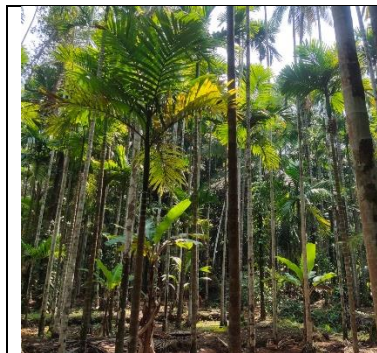
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.25	2.4	4800	2784
Hort. Crop 1	Arecanut	100	0.5	8500	4170
Hort. Crop 2	Cashew	20	0.4	4400	1980
Total				17700	8934

2) Status in 2020

Component Description		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	0.25	4.7	11750	7167	95.8	157.4
Hort. Crop 1	Arecanut	100	1.25	21250	12750	25	205.7
Hort. Crop 2	Cashew	20	1	11500	7140	150	260.6
Hort. Crop 2	Banana	10	10	2000	1110		
Hort. Crop 2	Vegetable	0.25	-	7000	5150		
Total				53500	33317		

Brief: The farmer used to get annual income of Rs. 8934/- from Rice cashew and arecanut, etc. He faced problems like low yield, fruit drop, heavy pest infestation, fallow land in rabi. With DFI interventions like improved cultivation technologies, IPM & INM in crops, cultivation of banana & vegetable in rabi, he is getting annual income of Rs 33317/-. In addition, there is cost saving of Rs. 13400/- in the production of all crops and dairy.



45. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Bhavesha Sonnaik
	Address:	Surla, Sanquelim, North Goa
	Mobile Number	9359874685
	Age:	40
	Education:	Secondary
	Size of land holding (in acre):	0.75 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.5	4.8	9600	4819
Hort. Crop 1	Arecanut	250	0.89	15130	9140
Hort. Crop 2	Cashew	300	3	33000	19870
Hort. Crop 3	Banana	150	150	21000	12600
Total				78730	46429

2) Status in 2020

Component Description		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	0.5	11.2	22400	13216	133.3	174.2
Hort. Crop 1	Arecanut	250	1.74	29580	19748	95.5	116.0
Hort. Crop 2	Cashew	300	4	48000	27810	33.3	39.9
Hort. Crop 2	Banana	150	150	30000	17700		40.4
Hort. Crop 2	Vegetables	0.25	-	7500	4110		
Total				137480	82584		

Brief: The farmer used to get annual income of Rs. 46429/- from Rice cashew and arecanut, etc. He faced problems like low production in rice, cashew & Arecanut, CSRB in cashew & fruit drop in Arecanut. With DFI interventions like improved production technology of rice, Arecanut & cashew, CSRB management in cashew IPM & I NM in Arecanut, introduction of vegetable cultivation is getting annual income of Rs 82584/-.



46. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mahadev Gawas
	Address:	Pillar, Tiswadi
	Mobile Number	
	Age:	60
	Education:	Illiterate
	Size of land holding (in acre):	1.2 ha

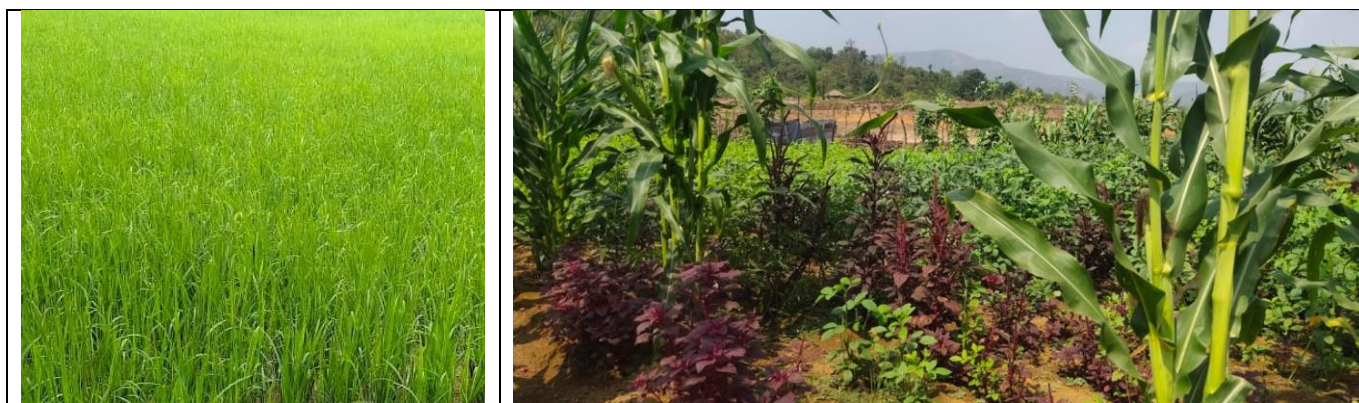
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0	5.0	10000	6800
Hort. Crop 1	Vegetables	1.0	-	36000	21890
Total				46000	28690

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.0	7.5	18750	12062	50.00	77.38
Hort. Crop 1	vegetables	1.0	5	52000	31720	100	100
Other enterprise (Specify)	Dairy	5	14000	42000	23940	100	100
Total				112750	67722		

Brief: The farmer used to get annual income of Rs. 28690/- From paddy and vegetables He faced problems like low productivity, high pest infestation With DFI interventions like scientific management of paddy and vegetable, introduction of dairy farming he is getting annual income of Rs 67722/- In addition, there is cost saving of Rs. 4000/- in the production of vegetables.



47. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Guna Gawas
	Address:	Pillar, Tiswadi
	Mobile Number	8390007757
	Age:	60
	Education:	7 th
	Size of land holding (in acre):	0.5 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	4.0	8000	4160
Total				8000	4160

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	9	18000	10440	125	150
Hort. Crop 1	Vegetables	0.25	0	24000	16160	100	100
Total				42000	26600		

Brief: The farmer used to get annual income of Rs. 4160/- From paddy He faced problems like low productivity, fallow during the rabi season With DFI interventions like scientific paddy cultivation and vegetables cultivation during rabi season he is getting annual income of Rs 26600/-.

			
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48. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Nityanand Gawas
	Address:	Pillar, Tiswadi
	Mobile Number	
	Age:	60
	Education:	5 th
	Size of land holding (in acre):	2.0 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.0	3.6	7200	3744
Total				7200	3744

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1.0	480	12000	7080	33.33	89.10
Hort. Crop 1	Vegetables	50.25	0	20970	10800	100	100
Total				32970	17880		

Brief: The farmer used to get annual income of Rs. 3744/- From paddy He faced problems like low productivity, pest and disease incidence With DFI interventions like scientific cultivation technologies, IPM, vegetable cultivation during rabi season he is getting annual income of Rs 17880/-



49. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Vishal Naik
	Address:	Pillar, Tiswadi
	Mobile Number	9607085368
	Age:	44
	Education:	9 th
	Size of land holding (in acre):	0.5 ha

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	0.5	0.8	1600	768
Hort. Crop 1	Poultry	10	30 eggs / month	1800	1224
Total				3400	1992

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	0.5	2.0	5000	2960	150	285.4
Hort. Crop 1	Vegetables	0.5	-	34380	20971	100	100
Other enterprise (Specify)	Dairy	1	200	6000	300	100	100
	Poultry	15	50	4200	2940	66.67	140
Total				18680	29871		

Brief: The farmer used to get annual income of Rs. 1992/- From paddy He faced problems like low productivity and fallow land during rabi season With DFI interventions like scientific cultivation and vegetables cultivation during rabi season he is getting annual income of Rs 29871/-



50. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Damodar f. Naik
	Address:	Pillar, Tiswadi
	Mobile Number	9637097244
	Age:	66
	Education:	5 th
	Size of land holding (in acre):	5.5 ha

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	Cashew	2000	4	52000	29120
Total				52000	29120

2) Status in 2020

Component Description		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	cashew	200	7	91300	53990	75.00	85.40
Hort. Crop 2	vegetables	0.5	-	54520	41800	100	100
Total				145820	95790		

Brief: The farmer used to get annual income of Rs. 29120 /- From cashew He faced problems like CSRB , fallow land With DFI interventions like CSRB management and vegetable cultivation during rabi. he is getting annual income of Rs 95790/-



51. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Deepak Marathe
	Address:	Deualwada, Pali, Bicholim, Goa
	Mobile Number	9423056184
	Age:	46 years
	Education:	Diploma
	Size of land holding (in acre):	4.5 acre

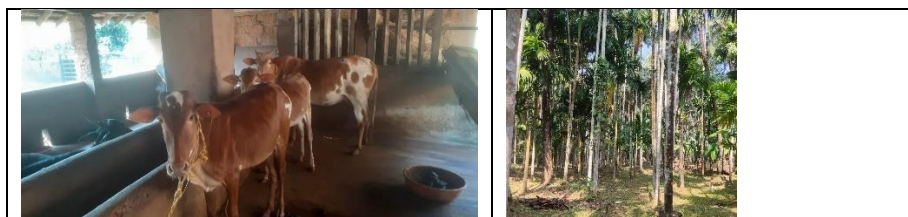
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1500	7.64	129880	72732
Hort. Crop 2	Black pepper	100	0.31	8680	5034
Hort. Crop 3	Cashew	40	0.58	6380	3445
Total				144940	81211

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1550	22.5	405000	247050	194.5	239.6
Hort. Crop 2	Black pepper	100	0.5	20000	12400	61.2	146.3
Hort. Crop 2	Cashew	40	0.8	8800	5456	37.9	58.3
Hort. Crop 3	Banana	200	200	40000	24400		
Livestock 1	Dairy	4	3500	140000	72480		
Total				613800	361786		

Brief: The farmer used to get annual income of Rs. 81211/- from Arecanut, black pepper, cashew. He faced problems like low productivity, fruit drop, CSRB infestator. With DFI interventions like scientific orchard management, proper nutrient management CSRB management, IPM in Arecanut annual income of Rs 361786/- in addition there is cost saving of Rs. 14800/- in the production of above crops.



Dairy unit

Arekanut orchard

52. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Prabhakar Gawas
	Address:	Pali, Sattari, North Goa
	Mobile Number	9403174564
	Age:	66years
	Education:	10 th
	Size of land holding (in acre):	4.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cashew	150	0.75	7500	4180
Hort. Crop 2	Arecanut	50	0.2	4000	2360
Hort. Crop 3	Coconut	20	280	2800	1390
Total				14300	7930

2) Status in 2020

Component Description		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	Cashew	150	2.25	22500	13725	200	228.3
Hort. Crop 2	Arecanut	50	0.5	10000	6170	150	161.4
Hort. Crop 3	Coconut	20	600	9000	5580	114.2	301.4
Total				41500	25475		

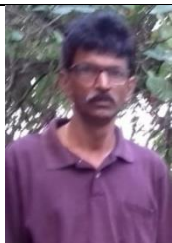
Brief: The farmer used to get annual income of Rs. 7930/- from cashew Arecanut, coconut. He faced problems like fruit drop, bud rot in coconut, low productivity. With DFI interventions like proper nutrient management, IPM & bud rot management in coconut he is getting annual income of Rs 25475/-. In addition, there is cost saving of Rs. 920/- in production of above crops.



Coconut orchard

Arecanut orchard

53. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Uttam Gawas
	Address:	Pali Sattari
	Mobile Number	9663248851
	Age:	53
	Education:	M A
	Size of land holding (in acre):	1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cashew	100	0.8	8000	4320
Hort. Crop 2	Arecanut	400	1.9	32300	17080
Total				40300	21400

2) Status in 2020

Component Description		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	Cashew	400	2.0	22000	13420	150	210.6
Hort. Crop 2	Arecanut	400	4	80000	48800	110.05	185.7
Total				102000	62220		

Brief: The farmer used to get annual income of Rs. 21400/- from rice. He faced problems like low yield, fruit drop in cashew & arecanut. With DFI interventions like scientific management in cashew & Arecanut, planting new varieties, he is getting annual income of Rs 62220/-. In addition there is cost saving of Rs. 870 in production of above crops.



Cashewnut orchard

Arecanut plantation

54. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Shambha Gaonkar
	Address:	Bicholim, Goa
	Mobile Number	9923071312
	Age:	50
	Education:	10 th
	Size of land holding (in acre):	3.75

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Areca nut	250	1.8	30600	16524
Hort. Crop 2	Coconut	40	1400	14000	7560
Livestock 1	Buffalo	5	3650	109500	55845
Total				154100	79929

2) Status in 2020

Component Description		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	Cowpea	1	3.8	68400	41724		
Hort. Crop 1	Areca nut	25040	4	80000	48800	122.2	152.5
Hort. Crop 2	Coconut	0.25	2150	32250	19672	53.5	160.2
Hort. Crop 2	Tomato		16.7	50000	30500		
	Buffalo	17	14600	438000	249660	300	347.0
Other enterprise (Specify)	Vermicompost	500 sq.mt	40	40000	28000		
Total				708650	418356		

Brief: The farmer used to get annual income of Rs. 79929/- from rice. He faced problems like low productivity in Areca nut and coconut, fallow land, etc. With DFI interventions like improved cultivation technology of cashew & coconut, scientific dairy management, ect, he is getting annual income of Rs 418356/-. In addition there is cost saving of Rs.17382/- in production of above crops.



Areca nut Orchard

Vermicompost unit

55. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Jaggannath Parab
	Address:	Sattari, North Goa
	Mobile Number	8007382881
	Age:	62
	Education:	10 th
	Size of land holding (in acre):	3.75

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	Cashew	280	2.8	28000	13840
Hort. Crop 2	Arecanut	20	0.19	3230	1776
Hort. Crop 3	Coconut	34	760	7600	4004
Total				38830	19620

2) Status in 2020

Component Description		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	Cashew	280	4.2	46200	28182	50	89.9
Hort. Crop 2	Arecanut	20	0.4	8000	4960	110.5	179.2
Hort. Crop 2	Coconut	34	1000	15000	9150	31.5	128.5
Hort. Crop 2	Black pepper	20	0.06	2400	1464		
Total				71600	43756		

Brief: The farmer used to get annual income of Rs. 19620/- from cashew, Arecanut, coconut. He faced problems like low yield, fruit drop. With DFI interventions like scientific crop technology in Arecanut, cashew, coconut, plantation of black pepper is getting annual income of Rs 43756/-. In addition there is cost saving of Rs. 1130/- in production of above crops.



Arecanut orchard

Black pepper plantation

56. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mrs Laurian Cassasco
	Address:	Mapusa, Bardez, Goa
	Mobile Number	8806730097
	Age:	56
	Education:	12 th
	Size of land holding (in acre):	1.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 2	Sweet potato	0.125	4.8	12000	6480
Hort. Crop 1	Banana	30	30	4500	2610
Total				16500	9090

2) Status in 2020

Component Description		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 2	Sweet potato	0.125	9.1	27300	16107	89.5	148.5
Hort. Crop 1	Kitchen garden	0.05	-	6000	4300		
Hort. Crop 2	Banana	50	50	10000	5980	66.6	129.1
Other enterprise (Specify)	Poultry	1000	3000	120000	70800		
Total				163300	97187		

Brief: The farmer used to get annual income of Rs. 9090/- from sweet potato and banana. He faced problems like low productivity in sweet potato, fallow land. With DFI interventions like proper nutrient management, IPM < INM 7 establishing kitchen garden & poultry, he is getting annual income of Rs 97187/-. In addition, there is cost saving of Rs. 970/- in production of above crops.



Poultry unit



Kitchen Garden

57. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Prashant Rane
	Address:	Keri, Sattari, North Goa
	Mobile Number	9422845036
	Age:	47
	Education:	10 th
	Size of land holding (in acre):	18

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 2	Sugarcane	2	6.8	40800	22032
Hort. Crop 1	Arecanut,	350	3.5	59500	33320
Hort. Crop 2	Coconut	100	2200	22000	11880
Hort. Crop 3	Cashew	350	3.5	35000	20300
Total				157300	87532

2) Status in 2020

Component Description		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 2	Sugarcane	2	10	80000	48800	47.0	121.4
Hort. Crop 1	Arecanut,	350	8.75	166250	103075	150	209.3
Hort. Crop 2	Coconut	100	3500	52500	31500	59.0	165.1
Hort. Crop 3	Cashew	350	9.1	100100	61061	160	200.7
Hort. Crop 4	Okra	1.5	45	180000	109800		
Hort. Crop 5	Banana	150	150	30000	18600		
Total				608850	372836		

Brief: The farmer used to get annual income of Rs. 87532/- from sugarcane, Arecanut, coconut, cashew. He faced problems like fallow land, low productivity, fruit drop, etc. With DFI interventions like introduction of okra and kitchen garden, scientific cultivation of cashew, IPM & INM he is getting annual income of Rs 372836/-. In addition there is cost saving of Rs.18320/- in production of above crops.



Okra Field



Cashew plot

58. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Rampati Pitre
	Address:	Sakhali, North Goa
	Mobile Number	9326020694
	Age:	42 years
	Education:	M Com
	Size of land holding (in acre):	10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	550	16500	57750	32340
Hort. Crop 2	Mango	60	0.5	25000	13250
Total				82750	45590

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	550	38500	154000	93940	133.3	190.4
Hort. Crop 2	Mango	60	1.20	60000	41000	140.0	209.2
Hort. Crop 2	Banana	1000	580	116000	69600		
Hort. Crop 2	Veg cultivation	1 acre	-	40000	28120		
Other enterprise (Specify)	Agro tourism	1	-	600000	200000		
Total				970000	391660		

Brief: The farmer used to get annual income of Rs. 45590/- from coconut & mango. He faced problems like low productivity, high fruit drop, low flowering. With DFI interventions like scientific production of coconut & mango, IPM, INM he is getting annual income of Rs 391660/-. In addition, there is cost saving of Rs. 14470/- in production of above crops.



Agro tourism

59. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Vasu Vitthal Ghoshale
	Address:	Sal, Bicholim
	Mobile Number	9354558615
	Age:	75 years
	Education:	5 th Pass
	Size of land holding (in acre):	0.73

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number m ²	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	1.73	2500	37500	19875
Total				37500	19875

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	0.73	3500	105000	75000	40.00	277.36
Hort. Crop 2	Banana New plantation	60	-	-	-	-	-
Total				105000	75000		

Brief: The farmer used to get annual income of Rs. 19875/- From Coconut. He faced problems like floodings, pest and disease high infestation, low cropping intensity. With DFI interventions like Soil Testing, IPM in coconut, intercropping with banana he is getting annual income of Rs. 75000/-. In addition, there is cost saving of Rs. 1920/- in production of coconut.



Coconut field

60. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Ankush Raut
	Address:	Sal, Bicholim
	Mobile Number	9168387245
	Age:	59
	Education:	5 th
	Size of land holding (in acre):	0.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number m ²	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	1500	190	66500	40910
Hort. Crop 2	Coconut	100	3500	35000	18900
Total				101500	59810

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Banana	2000	410	133250	103250	115.79	152.38
Hort. Crop 2	Coconut	100	6800	102000	62220	94.29	229.21
Total				235250	165470		

Brief: The farmer used to get annual income of Rs.59810/- From Banana. He faced problems like low productivity, fruit cracking, etc With DFI interventions like Soil Testing, improved nutrient management, IPM is getting annual income of Rs. 165470/-. In addition, there is cost saving of Rs. 2320/- in production of Banana.



61. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Deepak Raut
	Address:	Sal, Bicholim
	Mobile Number	9011369731
	Age:	42
	Education:	SSC
	Size of land holding (in acre):	1.2

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	1.0	2700	54000	29610
Total				54000	29610

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	1.0	4500	112500	72500	66.67	144.84
Total				112500	72500		

Brief: The farmer used to get annual income of Rs.29610/- From rice and coconut. He faced problems like fruit drop, bud rot. With DFI interventions like IPM INM he is getting annual income of Rs. 72500/-. In addition, there is cost saving of Rs. 1120/- in production of Coconut.



Coconut field

62. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Vasudev N. Parab
	Address:	Sal, Bicholim
	Mobile Number	8010024580
	Age:	56
	Education:	9 th
	Size of land holding (in acre):	0.4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number m ²	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Banana	0.4	110	64400	30400
Total					

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Banana	0.4	280	98000	68000	154.54	123.68
Total				98000	68000		

Brief: The farmer used to get annual income of Rs. 30400/- From Banana. He faced problems like low productivity, tradition method of farming, improper nutrient management. With DFI interventions like Scientific banana cultivation, INM and IIPM in banana he is getting annual income of Rs. 68000/-/-. In addition, there is cost saving of Rs. 2080/- in production of banana.



Banana field

63. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Perpitua Arazoo
	Address:	Divar, Tiswadi
	Mobile Number	9850461885
	Age:	65
	Education:	BA, TTC
	Size of land holding (in acre):	4

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	4	17.6	31680	16473
Field Crop 2	Cowpea	4	9.6	105600	53856
Total				137280	70329

2) Status in 2020

Component Description		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	4	42	64800	48500	138.64	194
Field Crop 2	Cowpea	4	12	156000	106000	25.00	96.82
Total				328800	154500		

Brief: The farmer used to get annual income of Rs.70329/- From rice and alsando. He faced problems like Low yield, cowpea aphids. With DFI interventions like soil testing scientific production technology, IPM, INM is getting annual income of Rs. 154500/- In addition, there is cost saving of Rs. 1180/- in production of above crops.



64. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Vishwambhar Gawas
	Address:	Navelim, Bicholim
	Mobile Number	9834331587
	Age:	52
	Education:	HSSC
	Size of land holding (in acre):	1.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.5	13.2	23760	12355
Hort. Crop 1	Chilli	0.5	2.8	8400	4368
Hort. Crop 2	Tomato	0.5	4	12000	6480
Hort. Crop 3	Brinjal	0.25	2	5000	2800
Total				49160	26003

2) Status in 2020

Component Description		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	1.5	31.3	78250	45167	137.12	265.58
Hort. Crop 1	Chilli	0.5	6	24000	12720	114.29	191.21
Hort. Crop 2	Tomato	0.5	7	25120	11870	75.00	83.18
Hort. Crop 3	Brinjal	0.25	3.9	13650	7644	95.00	173.00
Total				141020	77401		

Brief: The farmer used to get annual income of Rs. 26003/- From vegetable and rice He faced problems like low yield, high pest and disease infestation, etc. With DFI interventions like scientific vegetable cultivation, supply of hybrid vegetable seeds, IPM and INM, etc he is getting annual income of Rs. 77401/- In addition, there is cost saving of Rs.5334/- in production of above crops.



65. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Arpita Raut
	Address:	Sal, Bicholim
	Mobile Number	9765434043
	Age:	60
	Education:	SSC
	Size of land holding (in acre):	4.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	4	6200	105000	59000
Total				105000	59000

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	4	13000	260000	124000	109.6	110.00
Total				260000	124000		

Brief: The farmer used to get annual income of Rs. 59000/- From Coconut. He faced problems such as fruit drop, bud root, rhinoceros beetle, etc . With DFI interventions like Soil test based nutrient application, IPM for bud rot and rhinoceros beetle is getting annual income of Rs. 124000/-. In addition, there is cost saving of Rs6158/- in production of coconut.



Coconut Field

66. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Yeshwant Vaman Raut
	Address:	Sal, Bicholim
	Mobile Number	9764168482
	Age:	70
	Education:	Graduation
	Size of land holding (in acre):	4.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	4	6500	90000	60000
Total				90000	60000

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	4	132000	186400	125000	103.07	108.33
Total				186400	125000		

Brief: The farmer used to get annual income of Rs. 120000/- From Coconut. He faced problems like flooding. With DFI interventions like soil testing is getting annual income of Rs. 184000/-/-. In addition, there is cost saving of Rs5218/- in production of coconut.



Coconut Field

67. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Prasad Harmalkar
	Address:	Diwar, Tiswadi
	Mobile Number	9146471418
	Age:	48
	Education:	SSC
	Size of land holding (in acre):	1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1.0	4.9	19600	10080
Field Crop 2	Cowpea	1.0	1.69	30420	17643
Total				50020	27723

2) Status in 2020

Component Description		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	1.0	8	32000	20150	63.26	99.90
Field Crop 2	Cowpea	1.0	3.5	70000	42700	107.10	142.02
Total				102000	62850		

Brief: The farmer used to get annual income of Rs. 27723/- from Rice and Alsando. He faced problems like low productivity, high pest and disease infestation, etc. With DFI interventions like scientific crop management, IPM, INM and oil testing is getting annual income of Rs. 62850. /-. In addition, there is cost saving of Rs2153/- in production of rice and cowpea.



68. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Satiro Silvera
	Address:	Diwar, Tiswadi
	Mobile Number	9923090997
	Age:	36
	Education:	Graduation
	Size of land holding (in acre):	1.0

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Chilli	0.5	1.5	40000	21600
Hort. Crop 2	Bhindi	0.25	20	60000	32400
Hort. Crop 3	Cucumber	0.25	10	40000	22400
Total				140000	76400

2) Status in 2020

Component Description		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	Chilli	0.5	2.8	84000	51240	86.67	137.22
Hort. Crop 2	Bhindi	0.25	45	180000	109800	125.00	238.89
Hort. Crop 3	Cucumber	0.25	21	90000	70000	110.00	212.50
Total				354000	231040		

Brief: The farmer used to get annual income of Rs. 76400/- from chilli, bhindi and cucumber. He faced problems like quality vegetable seeds, pest and diseases. With DFI interventions like use of hybrid vegetable seed, IPM INM, drip irrigation he is getting annual income of Rs. 231040/-/-. In addition, there is cost saving of Rs 18632/- in production of vegetables.



69. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Nandan Kumar Keshav Prabhu
	Address:	Pali, Bicholim, North Goa
	Mobile Number	9422565833
	Age:	62
	Education:	Graduate
	Size of land holding (in acre):	12.5

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	Cashew	1500	16	160000	86420
Hort. Crop 2	Coconut	150	7500	75000	40550
Hort. Crop 3	Nutmeg	20	0.12	12420	8390
Total				247420	135360

2) Status in 2020

Component Description		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	Cashew	1500	30	300000	187280	87.5	116.71
Hort. Crop 2	Coconut	150	15000	15000	83790	100	106.63
Hort. Crop 3	Nutmeg	20	8.38	32000	19760	6883.3	135.52
Hort. Crop 4	vermicompost	2	20	30000	18300		
Total				377000	309130		

Brief: The farmer used to get annual income of Rs. 135360/- from cashew, coconut and nutmeg. He faced problems like low productivity, CSRB in cashew, improper fertilizer application. With DFI interventions like scientific orchard management, proper nutrient management, CSRB management, he is getting annual income of Rs 309130 /- in addition there is cost saving of Rs. 14760/- in the production of above crops.



Drying of arecanut



Coconut field

70. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Sablo Gawas
	Address:	Pali, North Goa
	Mobile Number	8275384286
	Age:	56 years
	Education:	10 th
	Size of land holding (in acre):	6.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1500	16	272000	146880
Hort. Crop 2	Cashew	500	9.5	95000	51300
Hort. Crop 3	Coconut	200	1000	100000	54000
Total				467000	252180

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1500	30	540000	334800	100	127.94
Hort. Crop 2	Cashew	500	20	220000	134200	100.5	161.60
Hort. Crop3	Coconut	200	16000	240000	148800	1500	175.56
Hort. Crop4	Banana	200	200	40000	24800		
Total				1040000	642600		

Brief: The farmer used to get annual income of Rs. 252180/- from Arecanut, cashew, coconut. He faced problems like fruit drop, low income, low yield, high pests infestation. With DFI interventions like scientific crop management soil test based fertilizer. he is getting annual income of Rs 642600/- in addition there is cost saving of Rs. 34280/- in the production of above crops.



Arecanut field

71. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Ramchandra Gawas
	Address:	Naravwada Palli, Sattari North Goa
	Mobile Number	9404433745
	Age:	60 years
	Education:	Secondary
	Size of land holding (in acre):	5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	600	5.2	88400	45968
Hort. Crop 2	Coconut	100	5120	51200	27540
Hort. Crop 3	Nutmeg	10	0.15	12800	6360
Total				152400	79868

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	600	8.9	160200	100926	71.1	119.5
Hort. Crop 2	Coconut	100	8000	120000	74400	56.25	170.1
Hort. Crop 3	Nutmeg	10	0.18	16000	10080	20	58.4
Total				296200	185406		

Brief: The farmer used to get annual income of Rs. 79868/- from Arecanut, coconut, and nutmeg. He faced problems like low productivity, high pest and disease bud rot in coconut. With DFI interventions like scientific orchard management, IPM and INM he is now getting annual income of Rs 185406/- in addition there is cost saving of Rs. 11720/- in the production of above crops.



Integrated Arecanut orchard

Drying of arecanut

72. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Sadanand Desai
	Address:	Navarwada, Pali, Sattari, North Goa
	Mobile Number	9405376483
	Age:	72 years
	Education:	Secondary
	Size of land holding (in acre):	3.25

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop1	Arecanut	1500	16	272000	146880
Hort. Crop 2	Cashew	150	1.5	15000	7950
Hort. Crop 3	Coconut	150	2300	23000	12420
Total				310000	167250

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1500	30	540000	335800	87.5	128.6
Hort. Crop 2	Cashew	150	2.5	27500	16775	250	111.0
Hort. Crop3	Coconut	150	6000	90000	55100	160.8	343.6
Hort. Crop 4	Banana	500	300	60000	36600		
Hort. Crop5	Black pepper	50	0.25	7500	4650		
Livestock 1)	Dairy	4	1500	45000	27000		
Total				77000	475925		

Brief: The farmer used to get annual income of Rs. 167250/- from Arecanut, cashew, coconut. He faced problems like fruit drop, bud rot in coconut. With DFI interventions like scientific orchard management, CSRB management in cashew, bud rot management in coconut, he is now getting annual income of Rs 475925/- in addition there is cost saving of Rs. 12190/- in the production of above crops.



Dairy

Arecanut Orchard

73. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Ajit Fondu Patil
	Address:	Pali, Sattari North Goa
	Mobile Number	9370789486
	Age:	66 years
	Education:	12 th
	Size of land holding (in acre):	1.05

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.)
Hort. Crop 1	Arecanut	1400	13	218000	111360
Total				218000	111360

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1400	20	400000	248000	53.8	122.7
Total				400000	248000		

Brief: The farmer used to get annual income of Rs. 111360/- from arecanut. He faced problems like low productivity, fruit drop. With DFI interventions like IPM in Arecanut, INM in Arecanut he is now getting annual income of Rs 248000- in addition there is cost saving of Rs. 4680/- in the production of above crops.



Arecanut orchard

74. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Pritam F Patil
	Address:	Pali, Sattari
	Mobile Number	9021386559
	Age:	60 years
	Education:	10 th
	Size of land holding (in acre):	1.05

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.)
Hort. Crop 1	Arecanut	1500	10.8	183600	102816
Hort. Crop 2	Coconut	25	980	9800	5488
Hort. Crop 3	Nutmeg	25	-	-	-
Livestock 1	Dairy	10	1190	333200	193256
Total				226720	300930

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1500	22.50	450000	274500	108.3	166.9
Hort. Crop 2	Coconut	25	2000	30000	18300	104.0	233.4
Hort. Crop 3	Nutmeg	25	0.06	4500	2800	-	-
Animal Husbandry-1	Cow	21	2400	750000	495150	101.68	156.21
Total				1204500	790750		

Brief: The farmer used to get annual income of Rs. 300930/- from Arecanut, coconut, nutmeg & dairy. He faced problems like low yield, fruit drop, bud rot in coconut, improper nutrient management. With DFI interventions like scientific orchard management, bud rot management, soil test based fertilizer recommendations, he is getting annual income of Rs 790750/- in addition there is cost saving of Rs. 17360/- in the production of above crops.



Integrated Arecanut field

75. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Pratibha Patil
	Address:	Pali, Sattari
	Mobile Number	9021386559
	Age:	50 years
	Education:	12 th
	Size of land holding (in acre):	1.05

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.)
Hort. Crop 1	Areca nut	1200	10	170000	91800
Hort. Crop 2	cashew	50	0.78	7800	4101
Total				177800	95901

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Areca nut	1200	18	324000	198640	80	116.3
Hort. Crop 2	Cashew	50	1.25	13750	8525	60.2	107.8
Total				337750	207165		

Brief: The farmer used to get annual income of Rs. 95901/- from Areca nut & cashew. He faced problems like low productivity in Areca nut & cashew, fruit drop in areca nut. With DFI interventions like scientific orchard management in Areca nut & cashew, CSRB management in cashew, he is getting annual income of Rs 207165/- in addition there is cost saving of Rs. 8110/- in the production of above crops.



Drying of Areca nut

Cashew nut field

76. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Devanand Gawas
	Address:	Pali Sattari North Goa
	Mobile Number	9503408100
	Age:	46 years
	Education:	10 th
	Size of land holding (in acre):	3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	3000	14.8	251600	140896
Hort. Crop 2	Cashew	200	1.9	19000	10260
Hort. Crop 3	Blackpepper	200	-	-	-
Total				270600	151156

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	3000	30	600000	366000	102.7	159.7
Hort. Crop 2	Cashew	200	4	40000	26400	110.5	157.3
Hort. Crop 2	Black pepper	200	0.23	6900	4278	-	
Total				646900	396678		

Brief: The farmer used to get annual income of Rs. 151156/- from Arecanut, cashew & black pepper. He faced problems like fruit drop in Arecanut, low production in cashew, improper fertilizer doses. With DFI interventions like scientific management of orchard, CSRB management in cashew, INM in cashew & Arecanut, he is now getting annual income of Rs 396678/- in addition there is cost saving of Rs. 23710/- in the production of above crops.



Integrated Arecanut Orchard

77. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Kishor Bhawe
	Address:	Pali, Satterri North Goa
	Mobile Number	9975962087
	Age:	41 years
	Education:	12 th
	Size of land holding (in acre):	3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	400	3.8	74600	39406
Hort. Crop 2	Cashew	40	0.65	6500	3970
Total				81100	44376

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1400	8	160000	99200	110.5	151.7
Hort. Crop 2	Cashew	40	1.05	11550	8370	61.5	110.83
Other enterprise (Specify)	Dairy	4	1460	43800	25842		
Total				215350	132203		

Brief: The farmer used to get annual income of Rs. 44376/- from Arecanut & cashew. He faced problems like low income, low yield, high pest & disease infestation. With DFI interventions like improved cultivation technology of cashew & Arecanut, IPM, INM in cashew & arecanut, he is now getting annual income of Rs 132203/- in addition there is cost saving of Rs. 4170/- in the production of above crops.



Integrated Arecanut Orchard

78. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Raju Paidaikar
	Address:	Pali Sattari, North Goa
	Mobile Number	9975962087
	Age:	54 years
	Education:	12 th
	Size of land holding (in acre):	2.5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1000	9.1	154700	86630
Hort. Crop 2	Coconut	50	2490	24900	13944
Hort. Crop 3	Black pepper	100	0.5	15000	8700
Total				55370	31307

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1000	18	360000	219600	97.8	243.9
Hort. Crop 2	Coconut	50	4000	60000	37200	60.6	166.7
Hort. Crop3	Black pepper	100	1.5	45000	27980	200	221.6
Total				465000	284780		

Brief: The farmer used to get annual income of Rs. 31307/- from Arecanut, coconut & black pepper. He faced problems like poor income improper nutrient management. With DFI interventions like improved cultivation technology of cashew, Arecanut and black pepper, IPM & INM he is now getting annual income of Rs 284780/- in addition there is cost saving of Rs. 4140/- in the production of above crops.



Integrated Arecanut Orchard

79. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Dev Raut
	Address:	Sal, Pernem, North Goa
	Mobile Number	8007708191
	Age:	36 years
	Education:	10 th
	Size of land holding (in acre):	10

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	coconut	60	300	3000	1520
Total				3000	1520

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	60	600	9000	5490	100	261.1
Hort. Crop 2	Turmeric	2 acre	20	90000	54900		
Hort. Crop 2	Pineapple	7 acre	100	250000	152500		
Total				349000	212890		

Brief: The farmer used to get annual income of Rs. 1520/- from coconut. He faced problems like low income, low yield, bud rot. With DFI interventions like scientific coconut cultivation, bud rot management, INM in coconut introduction of turmeric & pineapple is getting annual income of Rs 212890/- in addition there is cost saving of Rs. 1620/- in the production of above crops.



Turmeric field

Pineapple Field

80. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shi Ashish Narayan Savaikar
	Address:	Maulinge Bicholim, North Goa
	Mobile Number	8805738457
	Age:	70 years
	Education:	Graduate
	Size of land holding (in acre):	12

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	200	1000	10000	5450
Hort. Crop 2	Arecanut	1000	10	160000	86400
Hort. Crop 3	Black pepper	45	0.20	7000	3780
Livestock 1	Cashew	350	3.9	42900	23595
Total				219900	119225

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	200	20000	400000	244000	100	4377
Hort. Crop 2	Arecanut	1000	20	360000	223200	100	158.3
Hort. Crop 2	Black pepper	60	0.30	14400	8950	50	136.7
Hort. Crop 2	Cashew	350	8	90000	55890	105.1	136.8
	Turmeric	1 acre	20	88000	54560		
Total				952400	586600		

Brief: The farmer used to get annual income of Rs. 119225/- from coconut, Arecanut, black pepper & cashew. He faced problems like low productivity, less fruting improper fertilizer application. With DFI interventions like scientific orchard management, foliar application, IPM, CSRB Management & introduction of turmeric, he is getting annual income of Rs 586600/- in addition there is cost saving of Rs. 7180/- in the production of above crop.



Drying of arecanut

Turmeric field

81. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Subheda Savaikar
	Address:	Valpoi, Sattari, North Goa
	Mobile Number	9049446089
	Age:	61
	Education:	Graduate
	Size of land holding (in acre):	5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Sugarcane	2 acre	420	168000	89948
Hort. Crop 1	Arecanut	550	5.3	90100	48654
Hort. Crop 2	Cashew	500	7.5	75000	41250
Total				333100	179852

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Sugarcane	2 acre	600	300000	183000	42.8	103.4
Hort. Crop 1	Arecanut	550	11	191000	101390	107.5	108.3
Hort. Crop 2	Cashew	500	12.5	137500	83875	66.6	103.3
Total				628500	368265		

Brief: The farmer used to get annual income of Rs. 179852/- from sugarcane, Arecanut and cashew. He faced problems like low yield high pest and disease infestation. With DFI interventions like improved production technology, IPM & INM, he is getting annual income of Rs 368265/- in addition there is cost saving of Rs. 16890/- in the production of above crops.



Sugarcane field



Turmeric as intercrop in arecanut orchard

82. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Dattaram Narvekar
	Address:	Sal, Bicholim, North Goa
	Mobile Number	9822982282
	Age:	49 years
	Education:	Graduate
	Size of land holding (in acre):	17

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	90	3	150000	81120
Total					

2) Status in 2020

Component Description		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	90	5.1	255000	155500	70	91.6
Hort. Crop 2	Turmeric	1	20	100000	59000		
Hort. Crop 2	Fodder	7	500	400000	240000		
Other enterprise (Specify)	Cow	90	43800	5124600	2972268		
Total				5879600	3426768		

Brief: The farmer used to get annual income of Rs. 81120/- from mango. He faced problems like low productivity, fruit drop, flower drop. With DFI interventions like INM in mango, IPM in mango, introduction of turmeric & cow, he is getting annual income of Rs 3426768/- in addition there is cost saving of Rs. 7180/- in the production of above crops.

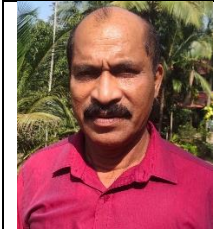


Cattle shed



Packed cow milk and ghee

83. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Nahu B Naik
	Address:	Maulinge, Bicholim, North Goa
	Mobile Number	9423171541
	Age:	60 years
	Education:	10 th
	Size of land holding (in acre):	2 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2	6	10800	5724
Total				10800	5724

2) Status in 2020

Component Description		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	Turmeric	2	40	200000	118000		
Total				200000	118000		

Brief: The farmer used to get annual income of Rs. 5724/- from rice. He faced problems like low income. With DFI interventions like introduction of turmeric he is getting annual income of Rs 118000/-.



Turmeric field

84. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Suhas hari Phadte
	Address:	Cumbharjua, Tiswadi, Goa
	Mobile Number	9423058926
	Age:	70 years
	Education:	10 th
	Size of land holding (in acre):	5.6 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.5	14	28000	14840
Hort. Crop 1	Chilli	2.5	4.5	28800	16128
Total				56800	30968

2) Status in 2020

Component Description		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	2.5	26	65000	38350	85.7	158.4
Hort. Crop 1	Chilli	2.5	7.6	49400	30134	58.3	86.8
Hort. Crop 2	Vegetable	2	-	140000	85400		
Total				254400	153884		

Brief: The farmer used to get annual income of Rs. 30968/- from rice and chilli. He faced problems like low productivity in rice. With DFI interventions like scientific cultivation of rice, IPM in chilli, he is getting annual income of Rs 153884/- in addition there is cost saving of Rs. 7180/- in the production of above crops.



Rice Field

Vegetable plot

85. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Damodar Naik
	Address:	Priol, Ponda, Goa
	Mobile Number	9404143174
	Age:	60 years
	Education:	9 th
	Size of land holding (in acre):	0.75 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.5	3	6000	3240
Hort. Crop 1	Arecanut	80	1.2	20400	10812
Total				26400	14052

2) Status in 2020

Component Description		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	0.5	5.5	13750	8112	83.3	150.3
Hort. Crop 1	Arecanut	80	2.8	47600	29036	133.3	168.5
Hort. Crop 2	Vegetable	0.5	-	28760	17831		
Total				90110	54979		

Brief: The farmer used to get annual income of Rs. 14052/- from rice and arecanut. He faced problems like low productivity, low income, fruit drop. With DFI interventions improved production technology, IPM in Arecanut, INM in rice, he is getting annual income of Rs 54979/- in addition there is cost saving of Rs. 3780/- in the production of above crops.



Rice Field

Arecanut Field

86. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Gnaneshwar Naik
	Address:	Surla, Sankhali, Goa
	Mobile Number	9765796076
	Age:	60 years
	Education:	6 th
	Size of land holding (in acre):	2 acre

) 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	Rice	0.5	3	5900	3130
Hort. Crop 1	Chilli	0.25	0.96	5760	3052
Hort. Crop 2	Cashew	50 trees	1	11000	5350
Total				22660	11532

2) Status in 2020

Component Description		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	0.5	6.5	16250	9425	116.6	
Hort. Crop 1	Chilli	0.25	1.9	11400	7168	97.9	
Hort. Crop 2	Cashew	50	2.2	24200	14520	120	
Hort. Crop 2	Banana	50	50	10000	7280		
Total				61850	38393		

Brief: The farmer used to get annual income of Rs. 11532/- from rice, chilli and cashew. He faced problems like low productivity in rice and cashew, thrips in chilli. With DFI interventions like scientific production technology in rice, CSRB management in cashew, IPM in chilli, he is getting annual income of Rs 38393/- in addition there is cost saving of Rs. 1080/- in the production of above crops.



Cashew orchard



Banana orchard

87. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Hema Bugde
	Address:	Assonora, Bicholim Goa
	Mobile Number	9823440926
	Age:	48 years
	Education:	12 th
	Size of land holding (in acre):	1.5 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	Cashew	100	4.4	45400	28321
Total					28321

2) Status in 2020

Component Description		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	Cashew	100	7.2	84600	54700	63.6	93.1
Hort. Crop 2	Vegetables	0.5	-	52000	32200		
Total				136600	86900		

Brief: The farmer used to get annual income of Rs. 28321/- from cashew. He faced problems like CSRM in cashew, low yield. With DFI interventions like INM in cashew, introduction to vegetables, he is getting annual income of Rs 86900/- in addition there is cost saving of Rs. 3210/- in the production of above crops.



Vegetable plot

Cashew plot

88. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Deviyani Salgaonkar
	Address:	Assonora, Bicholim, Goa
	Mobile Number	7875319415
	Age:	44 years
	Education:	10 th
	Size of land holding (in acre):	0.5 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.5	2.3	4600	2438
Total				4600	2438

2) Status in 2020

Component Description		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	0.5	4.8	24000	14640	108.6	500.4
Hort. Crop 1	Vegetable	0.5	-	48000	29280		
Total				72000	43920		

Brief: The farmer used to get annual income of Rs. 2438/- from rice. He faced problems like low productivity, low rate for produce, fallow land in rabi. With DFI interventions like improved rice cultivation, home scale parboiling of rice, introduction of vegetables is getting annual income of Rs 43920/- in addition there is cost saving of Rs. 970/- in the production of above crops.



Rice field



vegetable plot

89. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mrs Raziya Abdul Mirsahab
	Address:	Assonora
	Mobile Number	9881307540
	Age:	45 years
	Education:	4 th
	Size of land holding (in acre):	0.25 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	Vegetables	0.075	-	18750	9937
Hort. Crop 2	Arecanut	75	1.68	28560	14851
Total				47310	24788

2) Status in 2020

Component Description		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	Vegetables	0.075	-	35890	21255	-	113.8
Hort. Crop 2	Arecanut	75	3.37	53290	34947	100.5	135.3
Hort. Crop 2	Banana	30	30	6000	4100		
Total				95180	60302		

Brief: The farmer used to get annual income of Rs. 24788/- from vegetables & arecanut. He faced problems like fruit drop, high pest disease incidence, improper fertilizer doses. With DFI interventions like introduction of sweet corn, IPM, INM in arecanut, introduction of banana he is getting annual income of Rs 60302/- in addition there is cost saving of Rs. 1800/- in the production of above crops.



Integrated Arecanut orchard

90. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Shilpa Parab
	Address:	Cumbharjua, Tiswadi, Goa
	Mobile Number	9284560466
	Age:	50 years
	Education:	10 th
	Size of land holding (in acre):	1.41 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	4.2	8400	4452
Field Crop 2	Cowpea	1	1.8	24180	13057
Total				32580	17509

2) Status in 2020

Component Description		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	10	25000	15250	138.0	242.5
Field Crop 2	Cowpea	1	2.1	37800	23436	16.6	79.4
Hort. Crop 1	vegetable	0.4	-	23000	14130		
Total				85800	52816		

Brief: The farmer used to get annual income of Rs. 17509/- from rice & cowpea. He faced problems like low productivity in rice and cowpea. With DFI interventions like improved production technology in rice, varietal replacement in cowpea by Goa Cowpea – 3 & introduction of vegetables he is getting annual income of Rs. 52816 /- in addition there is cost saving of Rs. 1200/- in the production of above crops.



Rice field

Cowpea field

91. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Vasu Banavlikar
	Address:	Assonora, Bicholim
	Mobile Number	9960069518
	Age:	45 years
	Education:	10 th
	Size of land holding (in acre):	0.25 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	Coconut	20 trees	800	12000	6480
Livestock 1	Cow	15	18000	540000	275400
Total				552000	281880

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	20	1440	28800	17568	80	171.1
Hort. Crop 2	Banana	25	25	6250	3875		
Other enterprise (Specify)	Cow	35	48300	1449000	799500	168.3	190.3
Total				1484050	820943		

Brief: The farmer used to get annual income of Rs. 281880/- from coconut and cow. He faced problems like fruit drop, low milk yield, low fat percentage. With DFI interventions like IPM & INM in coconut, by pass fat, clean milk production. he is getting annual income of Rs 820943/- in addition there is cost saving of Rs. 27800/- in the production of above crops.



Banana plantation



Cow shed

92. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Manda Madhu
	Address:	Assonora, Bicholim, Goa
	Mobile Number	8275096362
	Age:	44 years
	Education:	10 th
	Size of land holding (in acre):	0.25 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.25	1.5	3000	1590
Total				3000	1590

2) Status in 2020

Component Description		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	0.25	2	8000	4720	33.3	196.8
Hort. Crop 1	Vegetable	0.25	-	18000	9780		
Total				26000	14530		

Brief: The farmer used to get annual income of Rs. 1590/- from rice. He faced problems like low productivity in rice. With DFI interventions like scientific rice cultivation, introduction of vegetable in rabi he is getting annual income of Rs 14530/- in addition there is cost saving of Rs. 410 in the production of above crops.



Vegetable field

Rice field

93. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Bhavana Kalangutkar
	Address:	Assonora Bicholim
	Mobile Number	9823173768
	Age:	50 years
	Education:	10 th
	Size of land holding (in acre):	0.25 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.15	1.45	2900	1537
Total				2900	1537

2) Status in 2020

Component Description		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	Vegetable	0.1	-	13000	7930		
Hort. Crop 2	Banana	20	20	5000	3050		
Total				18000	10980		

Brief: The farmer used to get annual income of Rs. 1537/- from rice. He faced problems low income. With DFI interventions like introduction of vegetables and banana he is getting annual income of Rs 10980/-.



Vegetable field

Rice field

94. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Namita Raikar
	Address:	Cumbharjua
	Mobile Number	8329344069
	Age:	55 years
	Education:	10 th
	Size of land holding (in acre):	0.29 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.25	1.5	3000	1660
Total				3000	1660

2) Status in 2020

Component Description		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	0.25	2.1	8400	5124	40	208.6
Hort. Crop 1	Vegetables	0.25	-	14700	9114		
Total				23100	14238		

Brief: The farmer used to get annual income of Rs. 1660/- from rice. He faced problems like low income. With DFI interventions like scientific rice cultivation, parboiling of rice, introduction of vegetable he is now getting annual income of Rs 14238/- in addition there is cost saving of Rs. 360/- in the production of above crops.



Okra field



Rice field

95. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Smt Anuja Bicholkar
	Address:	Cumbharjua
	Mobile Number	7822040119
	Age:	45 years
	Education:	Graduate
	Size of land holding (in acre):	0.3 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	0.3	1.7	3400	1892
Total				3400	1892

2) Status in 2020

Component Description		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	0.3	2.8	9800	5782	64.7	205.6
Hort. Crop 1	Vegetable	0.3	-	16980	10357		
Total				26780	16139		

Brief: The farmer used to get annual income of Rs. 1892/- from rice. He faced problems like low income and low productivity. With DFI interventions like IPM & INM in rice and introduction of vegetables in rabi, he is now getting annual income of Rs 16139/- in addition there is cost saving of Rs. 370/- in the production of rice and vegetables.



Rice field

Vegetable plot

96. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr. Alirio Botelho
	Address:	Poriem, Sattari, North Goa, Goa
	Mobile Number	
	Age:	33
	Education:	MBA & BE
	Size of land holding (in acre):	04 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	02 Acres	2400 nut	36000/-	20000/-
Total				36000/-	20000/-

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Fodder	02 Acres	4000 q	300000/-	86000/-	100%	100%
Hort. Crop 1	Coconut	02 Acres	4000 nuts	80000/-	59000/-	66.67%	195%
Livestock 1	Dairy	56 nos.	120 ltr / day	108000/-	410100/-	100%	100%
Other enterprise (Specify)	Vermicomposting	20000 M ²	40q / year	300000/-	86000/-	100%	100%
Total				788000/-	641100/-		

Brief: The farmer used to get annual income of Rs. 20000 from coconut. He faced problems like unattended coconut orchard, low productivity. With DFI interventions like scientific orchard management, capacity building in dairy, fodder cultivation and vermicomposting etc., he is getting annual income of Rs641100.



Dairy unit



Vermicompost unit

97. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr. Shyam Sunder D Gawas
	Address:	Ibrampur
	Mobile Number	7498340852
	Age:	54
	Education:	S.S.C.
	Size of land holding (in acre):	02

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	01	06	12,000/-	6,820/-
Total				12000/-	6820/-

2) Status in 2020

Component Description		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	8	20,000	11,980/-	33.33%	75.65%
Field Crop 2	Banana	1	136	1,08,000	63,104/-	100%	100%
Total				1,28,000	75,084/-		

Brief: The farmer used to get annual income of Rs. 6,820/- from Rice farming, etc. He faced problems like low yield, pest problem, etc. With DFI interventions like introduction of banana cultivation in fallow land and improved production technology of rice he is getting annual income of Rs 75,084/-. In addition, there is cost saving of Rs. 2,500/- in the production of paddy.



Paddy field



Banana field

98. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr.Sadanand Ramchandra Naik
	Address:	Ibrampur, Pernem
	Mobile Number	7448025768
	Age:	47
	Education:	S.S.C.
	Size of land holding (in acre):	05 acre

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	1	9.08 Q	17,640/-	8,467/-
-Hort. Crop 1	Coconut	40	2400noz	36,000/-	25,200/-
Hort. Crop 2	Arecanut	100	250 kg	42,500/-	28,780/-
Total				96140/-	62447/-

2) Status in 2020

Component Description		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	12.8	23,040/-	15980/-	30.61	88.73
Field Crop 2							
Hort. Crop 1	Coconut	40	3500	65,000/-	54,000/-	45.83	114.28
Hort. Crop 2	Arecanut	100	400 kg	72,000/-	53080/-	60.00	79.00
Total				160040/-	123060/-		

Brief: The farmer used to get annual income of Rs. 62447/- from Rice and Coconut, etc. He faced problems like Low production, fruit drop, integrated pest and disease management. With DFI interventions like Improved production technology, improved orchard management, etc., he is getting annual income of Rs 123060/-. In addition, there is cost saving of Rs. 16898/- in the production of Rice, Coconut and Arecanut.



Paddy field



Coconut field

99. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr.Vivek and Digamber Sawant
	Address:	Sawantwada, Mandrenm, Pernem
	Mobile Number	7972978680
	Age:	33
	Education:	H. S. S. C.
	Size of land holding (in acre):	1.5 acre
	Effect of DFI intervention	

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	Rice	0.5	6.2	11,160/-	7,780/-
Hort. Crop 1	Chilly	0.5	2.4	1,34,400/-	69,888/-
Hort. Crop 2	Cashew	10	0.30	3,900/-	2,700/-
Total				149460/-	80368/-

2) Status in 2020

Component Description		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	0.5	10.1	24,200/-	13,950/-	62.90	79.30
Hort. Crop 1	Chilli	0.5	3.8	3,04,000/-	1,64,160/-	58.33	54.00
Hort. Crop 3	Ridge gourd	0.2	3.8	11,400/-	6,840/-	100	100
Hort. Crop 4	Cashew	10.0	4.5 kg/tree	5,850/-	4,280/-	50	58.51
Total				345450	189230/-		

Brief: The farmer used to get annual income of Rs. 80368/- from Rice, chilli, cashew, etc. He faced problems like low productivity, high pest and disease management, etc. With DFI interventions like improve production technology, introduction of ridge gourd, ipm in rice, chilli, ridge gourd and cashew, INM, etc., he is getting annual income of Rs. 1,89,230/-. In addition, there is cost saving of Rs. 21,000/- in the production of Rice, chilli, cashew.



Ridgegourd field

Chilli field

100. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr. Shailesh Nagesh Halankar
	Address:	Ibrampur, Pernem, North Goa
	Mobile Number	7448025769
	Age:	40
	Education:	S. S. C.
	Size of land holding (in acre):	5 acre

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	18	36,720/-	21,450/-
Hort. Crop 1	Sugarcane	1.5	160	46,000/-	30,800/-
Hort. Crop 2	Banana	2	320	1,60,000/-	98,400/-
Total				242720	139568/-

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2	27.8	40,240	27,760	110	122.60
Field Crop 2	Sugarcane	1.5	215	86000/-	59880/-	34.37	94.41
Hort. Crop 1	Banana	2	400	2,80,000/-	1,96,000	25.00	99.18
Hort. Crop 2	Improved vegetable	0.5	16.18	48,560/-	27,560/-	100	100
Total				454800	311200		

Brief: The farmer used to get annual income of Rs. 1,39,568/- from, etc. He faced problems like improved production technology of rice and sugarcane, INM, IPM, improved cultivation was also introduced in rabi season, etc. With DFI interventions like Low productivity, pest problem, etc., he is getting annual income of Rs. 3,11,200/- . In addition, there is cost saving of Rs.29,000/- in the production of paddy, sugarcane and banana.



Sugarcane field

Banana field

101. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr.Sadanand Jagarnath Vednodkar
	Address:	Chauliwada, Vidnoda, Pernem
	Mobile Number	8788382774
	Age:	52
	Education:	S. S. C.
	Size of land holding (in acre):	8.2 acres

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.25	8	16,000/-	8,790/-
Hort. Crop 1	Mango	100	Non Bearing		
Hort. Crop 2	Cashew	100	Non Bearing		
Total				16000/-	8790/-

2) Status in 2020

Component Description		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	1.25	12.8	30,720/-	17,290/-	60	103.8
Hort. Crop 1	Mango	100	10	50,000/-	20,000/-		
Hort. Crop 2	Cashew	100	1	13000/-	6,720/-		
Hort. Crop 3	Marigold	0.125	12.5	75,000/-	42,000/-	100	100
Hort. Crop 4	Vegetables	0.4	19	38,000/-	24,000/-	100	100
Total				206720/-	110010/-		

Brief: The farmer used to get annual income of Rs8790/- from paddy, marigold, and cashew, etc. He faced problems like low productivity in paddy and fallow land. With DFI interventions like improved production technology of paddy, establishment of orchard, introduction of marigold., he is getting annual income of Rs 110010/-



Mango field

Cashewnut field

102. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mrs. Zarina Fernandes
	Address:	Parra, Bardez, North Goa
	Mobile Number	9850808789
	Age:	52
	Education:	12 th
	Size of land holding (in acre):	30

Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	30	180	324000	158760
Field Crop 2	Cowpea	3	9.6	134400	65856
Field Crop 3	Sweet Potato	0.4	8.34	12510	7380
Total				470910	231996

2) Status in 2020

Component Description		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	30	271.8	679500	350905	51	121.02
Field Crop 2	Cowpea	3	15.9	254400	145008	65.62	120
Hort. Crop 1	Sweet potato	0.5	17.1	39330	20384	105	176
Hort. Crop 2	Vegetables	0.25	5.08	17800	11800	100	100
Hort. Crop 3	Sweet corn	0.25	7.4	18500	12395	100	100
Hort. Crop 4	Poultry	28	7300	51100	28616	100	100
Total				1009530	569108		

Brief: The farmer used to get annual income of 2,31,996/- from paddy, cowpea, sweet potato, etc. He faced problems like improper fertility, poor soil health, pest and disease infestation, etc. With DFI interventions like integrated nutrient management, soil testing, IPM, introduction of sweet corn, vegetables and poultry, etc., he is getting annual income of Rs 5,69,108. In addition, there is cost saving of Rs. 17,800/- in the production of paddy, cowpea and vegetables.



Sweet corn field



Cowpea field

103. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mr.Sudhir Uttam Dhauskar
	Address:	Ibrampur, Pernem, North Goa
	Mobile Number	8262010815
	Age:	41
	Education:	Graduate
	Size of land holding (in acre):	1.6

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	Paddy	1	9.2	16560	8942
Field Crop 3	Arecanut	500	12.5	162500	94250
Hort. Crop 2	Coconut	100	60	90000	64900
Total				269060	168092

2) Status in 2020

Component Description		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	12.8	29440	14780	39.13	65.29
Hort. Crop 1	Arecanut	500	22.50	312500	181250	80.00	92.30
Hort. Crop 2	Coconut	100	110	198000	114840	83033	76.95
Hort. Crop 3	Fodder	1	840	294000	148750	100	100
Livestock 1	Vermicomposting	01	200	312000	190000	100	100
Total				1145940	649620		

Brief: The farmer used to get annual income of Rs. 1,68,092/- from Paddy, arecanut and coconut cultivation, etc. He faced problems like low productivity, fruit drop in arecanut and bud rot in coconut, etc. With DFI interventions like improved productivity technology for paddy, management of budrot in coconut, managing fruit drop in arecanut, introducing vegetables, vermicomposting, etc., he is getting annual income of Rs 6,49,620/-.



Vermicompost unit



Arecanut field

104. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mrs. Anisha Awaduth Sawant
	Address:	Tambose, Pernem, North Goa
	Mobile Number	9881633845
	Age:	36
	Education:	BCom
	Size of land holding (in acre):	5

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3.75	12	21600	12096
Field Crop 3	Coconut	150	4500	67500	43200
Hort. Crop 2	Areca nut	60	1.2	19200	10720
Total				108300	66016

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	3.75	18	36000	21520	50	77.9
Hort. Crop 1	Coconut	150	6000	108000	69120	33.33	60.00
Hort. Crop 2	Areca nut	60	2.7	48600	32562	125	203.7
Hort. Crop 3	Dairy	38	160000	560000	300000	100	100
Total				752600	423202		

Brief: The farmer used to get annual income of Rs. 66,016/- from Coconut and areca nut, etc. He faced problems like low productivity, fruit drop in coconut and areca nut, high pest and disease incidence, etc. With DFI interventions like improved crop production technologies, IPM, scientific milk production, dairy farming, bypass fat, fodder, etc., he is getting annual income of Rs 4,23,202/-.



Dairy unit



Areca nut field

105. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Mrs. Diksha Dilip Narulkar
	Address:	Hasapur, Pernem
	Mobile Number	8796484494
	Age:	44
	Education:	SSC
	Size of land holding (in acre):	27

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	10	18780	11780
Field Crop 3	Areca nut	1600	16	256000	162720
Hort. Crop 2	Cashew	230	1.5	18000	12000
Livestock 1	Coconut	40	26	39000	21680
Total				331780	208180

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2	15	30000	18000	50.0	52.8
Hort. Crop 1	Vegetables	1	13	52000	39000	100	100
Hort. Crop 2	Areca nut	1600	26	468000	271440	62.50	66.81
Hort. Crop 3	Cashew	230	3	39000	27550	100	129.58
Hort. Crop 4	Coconut	40	32	64000	42000	23.07	93.72
Livestock 1	Fodder	2.5	4000	300000	210000	100	100
Livestock 2	Dairy	12	666	240000	97550	100	100
Other enterprise	Poultry	15	0	0	0	0	0
Other enterprise	Vermicomposting		1	20000	18000	100	100
Total				1110000	723540		

Brief: The farmer used to get annual income of Rs. 2,08,100/- from paddy, areca nut, cashew and coconut, etc. He faced problems like low productivity, insect pest incidence, etc. With DFI interventions like scientific crop management, clean milk production, bypass fat, fodder cultivation, vermicompost, backyard poultry, etc., he is getting annual income of Rs 7,23,540/-.



Dairy unit



Vermicompost unit

106. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Nilesh Korde
	Address:	Near KendriyaVidyalay, Kolme, Ponda
	Mobile Number	9823121687
	Age:	49 years
	Education:	Graduate
	Size of land holding (in acre):	21.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Cashew	300 no	0.9	9780	4975
Hort. Crop 2	Coconut	150 no	2500	37500	21125
Hort. Crop 3	Arecanut	800no	3	51000	27540
Total				98280	53640

2) Status in 2020

Component Description		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	Cashew	300	1	11000	7480	11.11	50.35
Hort. Crop 2	Coconut	150	3200 no	64000	34560	28.0	63.59
Hort. Crop 3	Arecanut	800	4.1	69700	42123	36.6	52.95
Hort. Crop 4	Turmeric	2	28	16800	10000		
Total				161500	94163		

Brief: The farmer used to get annual income of Rs. 53640/- from cashew, coconut & arecanut, etc. He faced problems like low productivity, fruit drop in coconut, bud rot in coconut. With DFI interventions like improved cultivation technology, IPM & I NM in Arecanut, introduction of turmeric cultivation he is getting annual income of Rs 94163/- in addition there is cost saving of Rs. 16800/- in the production of above crops.



Arecanut Field



Turmeric field

107. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Balkrishna Korde
	Address:	Curti, Kolme, Ponda
	Mobile Number	9404756095
	Age:	76 years
	Education:	Graduate
	Size of land holding (in acre):	18.0 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1000 no	15	255000	150450
Hort. Crop 2	Cashew	110 no	2	22000	12760
Hort. Crop 3	Black pepper	50	0.1	3000	2290
Hort. Crop 4	Coconut	120	5810	87150	51418
Total				367150	216918

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1000	29	607900	380800	93.3	153.1
Hort. Crop 2	Cashew	110	4.5	54200	30170	125.0	136.4
Hort. Crop 3	Black pepper	50	0.26	10400	7820	160.0	241.4
Hort. Crop 4	Coconut	120	7800	140400	83490	34.25	62.37
	vermicompost	1	15	30000	21280		
Total				842900	523560		

Brief: The farmer used to get annual income of Rs. 216918/- from Arecanut, cashew, black pepper & coconut etc. He faced problems like low productivity, fruit drop in coconut, & arecanut. With DFI interventions like improved nutrient management, IPM, scientific cultivation of crops & introduction of vermicompost he is getting annual income of Rs 94163/- in addition there is cost saving of Rs. 523560/- in the production of above crops.



Arecanut orchard

108. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Ashok G Shikerkar
	Address:	Arla Keri, Goa
	Mobile Number	8007152321
	Age:	62 years
	Education:	Graduate
	Size of land holding (in acre):	21.25 acres

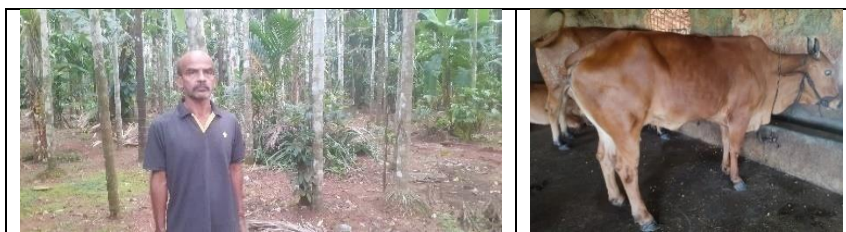
1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Areca nut	4000	33.5	569500	296140
Hort. Crop 2	Cashew	800	8	88000	49280
Hort. Crop 3	Coconut	150	2108	31620	17442
Livestock 1	Cow	5	600 ltr	18000	9360
Total				707120	372222

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Areca nut	4000	61.2	1101600	649944	82.68	119.4
Hort. Crop 2	Cashew	800	12	144000	878400	50	1682.4
Hort. Crop 3	Coconut	150	4020	80400	49044	90.7	181.1
Livestock 1	Cow	10	1500	52500	30975	150.0	
Total				1383000	1608363		

Brief: The farmer used to get annual income of Rs. 372222/- from cashew, coconut & areca nut, etc. He faced problems like low productivity, fruit drop in coconut, bud rot in coconut. With DFI interventions like integrated nutrient management, IPM & scientific dairy management, clean milk production & bypass fat he is getting annual income of Rs 1608363/- in addition there is cost saving of Rs. 31,700/- in the production of above crops.



Areca nut orchard

Dairy unit

109. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Makarand Hudekar
	Address:	Keri Goa
	Mobile Number	9890509985
	Age:	45 years
	Education:	Graduate
	Size of land holding (in acre):	5.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Coconut	70	3500	52500	27375
Hort. Crop 2	Arecanut	150	1.5	25500	15980
Hort. Crop 3	Black pepper	40	0.08	2880	1270
Total				80880	44625

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Coconut	70	4900	98000	59820	40.0	118.5
Hort. Crop 2	Arecanut	150	8.34	150120	92575	456.0	479.31
Hort. Crop 2	Black pepper	40	0.18	6660	4062	125.0	219.8
Hort. Crop 3	Turmeric	1	30.1	25500	16930		
	Vegetables	2.0		150000	91370		
Livestock 1	Cow	3	1500	45000	28130		
Total				340280	292887		

Brief: The farmer used to get annual income of Rs. 80880/- from black pepper, coconut & arecanut, etc. He faced problems like low productivity, fruit drop in coconut, improper use of fertilizer. With DFI interventions like improved production technology, introduction of turmeric cultivation, vegetable cultivation he is getting annual income of Rs 292887/- in addition there is cost saving of Rs. 34,800/- in the production of above crops.



Turmeric field

Arecanut Storing

110. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri Dattaprasad Gobre
	Address:	Arla kerl Goa
	Mobile Number	8830993780
	Age:	43 years
	Education:	Graduate
	Size of land holding (in acre):	5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Areca nut	1600	1.9	323000	157960
Hort. Crop 2	Cashew	150	6.75	87750	47385
Hort. Crop 3	Black pepper	200	1	144000	21870
Hort. Crop 4	Coconut	100	2500	37500	19125
Total				592250	246340

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Areca nut	1600	28.8	489600	288864	1415.7	82.8
Hort. Crop 2	Cashew	150	13.5	175500	107055	100	125.9
Hort. Crop 3	Black pepper	200	1.5	67500	42525	50	94.4
Hort. Crop 4	Coconut	100	5120	92160	54374	104.8	184.3
Total				824760	492818		

Brief: The farmer used to get annual income of Rs. 246340/- from cashew, coconut & areca nut, etc. He faced problems like low productivity, fruit drop. With DFI interventions like scientific orchard management, INM, IPM, Quick wilt Management he is getting annual income of Rs. 492818/- . in addition there is cost saving of Rs. 31350 in production of above crops.



Areca nut Orchard



Black pepper plantation

111. Name of KVK: ICAR – KVK, North Goa

	Name of farmer:	Shri. Bhargav Korde
	Address:	Curti Goa
	Mobile Number	7350002478
	Age:	43 years
	Education:	12th
	Size of land holding (in acre):	7.5 acres

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Hort. Crop 1	Arecanut	1350	7.2	79200	42768
Hort. Crop 2	Black pepper	200	0.30	13500	7480
Hort. Crop 3	Coconut	85	4250	63750	34425
Total				156450	84673

2) Status in 2020

Component Description		Period 2020-21				% Increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Arecanut	1350	16	272000	163200	122.2	281.5
Hort. Crop 2	Black pepper	200	0.68	30600	18666	126.6	149.5
Hort. Crop 3	Coconut	85	6375	114750	71145	50	106.6
Enterprise	Vermicompost		10	20000	14780		
Total				437350	267791		

Brief: The farmer used to get annual income of Rs. 84673/- from arecanut, coconut, black pepper etc. He faced problems like low productivity, fruit drop in arecanut. With DFI interventions like scientific orchard management, IPM & I NM in coconut, he is getting annual income of Rs 267791/- in addition there is cost saving of Rs. 16720/- in the production of above crop and vermicompost.



Coconut Orchard

Arecanut orchard



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