

Supply Chain Cost as of March 31, 2007
Commodity: Eggplant
Source: Dagami, Leyte
Destination: Burauen, Leyte; Tacloban City
Volume: 15,000 kg

Cost Element	Cost/Kilo	ASSUMPTIONS				Total
		Particulars	Qty	Price	Amount	
Production		Expected Yield @ P15,000 kg				11,000.00
Seeds	0.30	Use of hybrid seeds (BLP), 250 g/ha, @P650/50g	5	650	3250	3,250.00
Fertilizers	0.75	Organic & Inorganic fertilizers:				
		Chicken dung (bags)	10	90	900	
		Urea (46-0-0) (bag)	4	890	3560	
		Complete (bags)	4	955	3820	8,280.00
Pesticides	0.20	Use of the Bio-Agent (Tricogramma)				
		Trichogramma (72 cards/ha for 12 weeks)	864	2.5	2160	2,160.00
Labor	1.52	Land Preparation:				
		Seedbed preparation (1 MD)	1	100	100	
		1st plowing (MAD)	10	250	2500	
		2nd plowing (MAD)	8	250	2000	
		Harrowing	8	250	2000	
		Furrowing (MAD)	3	250	750	
		Planting/Basal Fertilization (MD)	15	100	1500	
		Watering/Irrigation (MD)	15	100	1500	
		Weeding (MD)	20	100	2000	
		Application of Bio Agent(P30/week for 12 weeks)	12	30	360	
		Side Dressing	10	100	1000	
		Harvesting/Hauling (MD)	30	100	3000	16,710.00
Land Rental	0.36	Land Rental is P12,000 ha/year				
		cropping is 120 days = 3 croppings/year	3	12000	4000	4000
Cost of money	0.00	10% of Production Costs				0
Freight & Handling	0.02	Cost to transport inputs from Tacloban to Farm				200
Other Inputs	0.00	10% of material inputs (include sacks, baskets, straws, etc.)				0
Post Harvest/ Pre-Marketing Labor	0.33	Sorting & Weighing	36	100	3600	3600
Total Cost/Kg	3.47					
Farmgate Price	12.00	Wholesale at Farm Location at P12/kg (pick-up)				
Margin	8.53					
Distribution						
Transport Cost/Freight & Handling	0.09	Pick-up at Farm Location				1,000.00
Shrinkage	1.09	10% of cost of total volume	1000	12	12000	12,000.00
Storage	1.09	5% of cost of total volume	1000	12	12000	12,000.00
Labor	0.09	Labor (MD)	10	100	1000	1,000.00
Subtotal	2.36					
Total Distribution Cost	14.36					
Wholesale Price	18.00	Wholesale at distribution/bagsakan markets				
Margin	3.64					
Retailing						
Cost of stalls	0.10					1,100.00
Shrinkage	3.27	15% of cost of total volume	3000	12	36000	36,000.00
Storage	3.27	5% of cost of total volume	1000	12	12000	36,000.00
Other Inputs	0.09					1,000.00
Labor	0.09	Labor (MD)	10	100	1000	1,000.00
Subtotal	6.83					
Total Cost to Retail	24.83					
Retail Price	30.00					
Margin	5.17					

Source: DA-RFU 8, Agribusiness & Marketing Assistance Division

Supply Chain Cost as of March 31, 2007

Commodity: Eggplant

Source: Ormoc City

Destination: Ormoc City

Volume: 10,000 kg

Cost Element	Cost/Kilo	ASSUMPTIONS			Total
		Particulars	Qty	Price	
Production		Expected Yield @ P10,000 kg			11,000.00
Seeds	0.00	Use of hybrid seeds (BLP), subsidized by LGU of Ormoc	2.5		0
Fertilizers	0.79	Organic & Inorganic fertilizers:			
		Chicken dung (bags)	10	90	900
		Urea (46-0-0) (bag)	4	890	3560
		Complete (bags)	4	955	3820
		Lime	4	115	460
					8,740.00
Pesticides	0.20	Use of the Bio-Agent (Tricogramma)			
		Trichogramma (72 cards/ha for 12 weeks)	864	2.5	2160
					2,160.00
Labor	1.52	Land Preparation:			
		Seedbed preparation (1 MD)	1	100	100
		1st plowing (MAD)	10	250	2500
		2nd plowing (MAD)	8	250	2000
		Harrowing	8	250	2000
		Furrowing (MAD)	3	250	750
		Planting/Basal Fertilization (MD)	15	100	1500
		Watering/Irrigation (MD)	15	100	1500
		Weeding (MD)	20	100	2000
		Application of Bio Agent(P30/week for 12 weeks)	12	30	360
		Side Dressing	10	100	1000
		Harvesting/Hauling (MD)	30	100	3000
					16,710.00
Land Rental	0.36	Land Rental is P12,000 ha/year			
		cropping is 120 days = 3 croppings/year	3	12000	4000
					4000
Cost of money	0.29	10% of Production Costs			3160
Freight & Handling	0.05	Cost to transport inputs from Tacloban to Farm			500
Other Inputs	0.10	10% of material inputs (include sacks, baskets, straws, etc.)			1090
Post Harvest/ Pre-Marketing Labor	0.33	Sorting & Weighing	36	100	3600
					3600
Total Cost/Kg	3.63				
Farmgate Price	12.00	Wholesale at Farm Location at P12/kg (pick-up)			
Margin	8.37				
Distribution					
Transport Cost/Freight & Handling	0.09	Pick-up at Farm Location			1,000.00
Shrinkage	1.09	10% of cost of total volume	1000	12	12000
					12,000.00
Storage	1.09	5% of cost of total volume	1000	12	12000
					12,000.00
Labor	0.09	Labor (MD)	10	100	1000
					1,000.00
Subtotal	2.36				
Total Distribution Cost	14.36				
Wholesale Price	18.00	Wholesale at distribution/bagsakan markets			
Margin	3.64				
Retailing					
Cost of stalls	0.10				1,100.00
Shrinkage	3.27	15% of cost of total volume	3000	12	36000
					36,000.00
Storage	3.27	5% of cost of total volume	1000	12	12000
					36,000.00
Other Inputs	0.09				1,000.00
Labor	0.09	Labor (MD)	10	100	1000
					1,000.00
Subtotal	6.83				
Total Cost to Retail	24.83				
Retail Price	30.00				
Margin	5.17				

Source: DA-RFU 8, Agribusiness & Marketing Assistance Division