

**Supply Chain Cost as of March 31, 2007**

**Commodity: Squash**

**Source: Abuyog/Mahaplag**

**Destination: Tacloban/Southern Leyte**

**Volume: 20,000 kg**

Cost Element	Cost/Kilo	ASSUMPTIONS			Total
		Particulars	Qty	Price	
<b>Production</b>		Expected Yield @ P20,000 kg			20,000.00
Seeds	0.33	Use of hybrid seeds (Suprema), 300g/ha @P2,180/100 g	3	2180	6,540.00
Fertilizers	0.41	Organic & Inorganic fertilizers:			
		Chicken dung (bags)	20	40	800
		Urea (46-0-0) (bag)	2	910	1820
		Complete (bags)	6.5	750	4875
		Foliar Fert. (liters)	4	180	720
					8,215.00
Pesticides	0.20	Use of the following Pesticides:			
		Furadan (kg)	10	62.5	625
		Sevin 85 (kg)	1	1400	1400
		Trichogramma (72 cards/ha for 12 weeks)	3	650	1950
					3,975.00
Labor	0.83	<b>Land Preparation:</b>			
		1st plowing (MAD)	12	250	3000
		2nd plowing (MAD)	8	250	2000
		1st Harrowing (MAD)	6	250	1500
		2nd Harrowing (MAD)	6	250	1500
		Furrowing/Bed Prep/Plot Making (MAD)	3	250	750
		Planting/Basal Fertilization (MD)	10	100	1000
		Replanting Missing Hills (MD)	3	100	300
		Watering/Irrigation (MD)	15	100	1500
		Weeding (MD)	20	100	2000
		Spraying (MD)	6	100	600
		Side Dressing (MD)	10	100	1000
		Harvesting/Hauling (MD)	15	100	1500
					16,650.00
Land Rental	0.15	Land Rental is P12,000 ha/year			
		cropping is 90 days = 4 croppings/year	4	12000	3000
Pre-Marketing Labor	0.02	Weighing (MD)	3	100	300
<b>Total Cost/Kg</b>	<b>1.93</b>				
<b>Farmgate Price</b>	<b>5.00</b>	Wholesale at Farm Location at P5/kg			
<b>Margin</b>	<b>3.07</b>				
<b>Distribution</b>					
Transport Cost/Freight & Handling	0.25	Pick-up at Farm Location			5,000.00
Shrinkage	0.50	10% of cost of total volume	2000	5	10000
Storage	0.25	5% of cost of total volume	1000	5	5000
Labor	0.05	Labor (MD)	10	100	1,000.00
<b>Subtotal</b>	<b>1.05</b>				
<b>Total Distribution Cost</b>	<b>6.05</b>				
<b>Wholesale Price</b>	<b>8.00</b>	Wholesale at distribution/bagsakan markets			
<b>Margin</b>	<b>1.95</b>				
<b>Retailing</b>					
Cost of stalls	0.10				2,000.00
Shrinkage	0.75	15% of cost of total volume	3000	5	15000
Storage	0.75	5% of cost of total volume	1000	5	5000
Other Inputs	0.05				1,000.00
Labor	0.05	Labor (MD)	10	100	1,000.00
<b>Subtotal</b>	<b>1.70</b>				
<b>Total Cost to Retail</b>	<b>9.70</b>				
<b>Retail Price</b>	<b>12.00</b>				
<b>Margin</b>	<b>2.30</b>				

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