

Supply Chain Cost as of March 31, 2007

Commodity: Corn

Source: Boroc, Ormoc City

Destination: Tacloban, Bontoc, So. Leyte; Kananga & Ormoc City

Volume: 6,000 kg

Cost Element	Cost/Kilo	ASSUMPTIONS				Total
		Particulars	Qty	Price	Amount	
Production		Expected Yield @ P6,000 kg				6,000.00
Seeds	0.45	Use of hybrid seeds, 20 kg/bag	1	2700	2700	2,700.00
Fertilizers	1.11	Use of Bio-N: tipid abono technology (packets)	6	60	360	360.00
		Organic & Inorganic fertilizers:				
		Commercial organic fertilizer (bags)	6	280	1680	
		Ammophos (16-20-0)	6	75	4500	
		Urea (46-0-0) (bag)	0.5	950	475	6,655.00
Pesticides	0.19	Use of insecticide (bag), optional	1	986.65	986.65	
		Use of trichocards (cards)	70	2.5	175	1,161.65
Labor	1.49	Land Preparation:				
		1st plowing 1 pass	1	1600	1600	
		2nd plowing 1 pass	1	1600	1600	
		1st harrowing 1 pass	1	1400	1400	
		Furrowing	3	250	750	
		Planting/Basal Fertilization (MD)	10	100	1000	
		Thinning/Replanting (MD)	2	100	200	
		Side Dressing	2	100	200	
		Off-barring (MAD)	3	250	750	
		Use of BIO-Control agents (MD)	2	100	200	
		Hilling-up (MAD)	3	250	750	
		Detasseling (MD)	3	100	300	
		Spraying (MD)	2	100	200	8,950.00
Post Harvest						
Labor	1.27	Harvesting (MD)	10	100	1000	
		Hauling	10	100	1000	
		Shelling (P20/bag)	120	20	2400	
		Drying (P25/bag)	120	25	3000	
		Bagging (MD)	2	100	200	7,600.00
Other Inputs	0.18	Sacks (pc)	120	8	960	
		Straw (kg)	1	120	120	1,080.00
		Total Production Cost				28,506.65
Cost of money	0.48	10% of Production Costs				2,850.67
Total Cost of Produce	5.17					
Marketing/Distribution Cost:						
	0.83	Boroc-Bontoc (Freight and Handling)			5000	5,000.00
Total Cost/Kg	6.00					
	0.50	Boroc-Tacloban (Freight and Handling)			3000	3,000.00
Total Cost/Kg	5.67					
	0.00	Boroc-Ormoc City; pick-up				
Total Cost/Kg	5.17					
	0.50	Boroc-Kananga; pick-up				
Total Cost/Kg	5.67					
Selling Price						
	10.50	Bontoc				
	10.00	Kananga (delivered)				
	8.00	Ormoc City				
	11.20	Coco Valley Swine Farm, Pawing Palo				
	10.20	Tiak Heng Poultry & Livestock, Tacloban City				
Margin						
	4.50	Boroc-Bontoc				
	4.33	Boroc-Kananga				
	2.83	Boroc-Ormoc City				
		Boroc-Pawing, Palo				
	4.53	Boroc-Tacloban City				

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

Supply Chain Cost as of March 31, 2007

Commodity: Corn

Source: Mahaplag, Leyte

Destination: BMPCI, Bontoc; Coco Valley, Farm, Pawing, Palo, Leyte

Volume: 6,000 kg

Cost Element	Cost/Kilo	ASSUMPTIONS			Total
		Particulars	Qty	Price	
Production		Expected Yield @ P6,000 kg			6,000.00
Seeds	0.45	Usage of hybrid seeds, 20 kgs/bag	1	2700	2,700.00
Fertilizers	0.91	Use of Bio-N: tipid abono technology (packets)	6	60	360.00
		Inorganic fertilizers:			
		Complete (14-14-14)	3	750	2250
		Urea (46-0-0)	2	970	1940
		Muriate of potash	1.5	848	1272
					5,462.00
Pesticides	0.19	Use of insecticide (bag), optional	1	986.65	986.65
		Use of trichocards (cards)	70	2.5	175
					1,161.65
Labor	1.49	Land Preparation:			
		1st plowing 1 pass	1	1600	1600
		2nd plowing 1 pass	1	1600	1600
		1st harrowing 1 pass	1	1400	1400
		Furrowing	3	250	750
		Planting/Basal Fertilization (MD)	10	100	1000
		Thinning/Replanting (MD)	2	100	200
		Side Dressing	2	100	200
		Off-barring (MAD)	3	250	750
		Use of BIO-Control agents (MD)	2	100	200
		Hilling-up (MAD)	3	250	750
		Detasseling (MD)	3	100	300
		Spraying (MD)	2	100	200
					8,950.00
Post Harvest					
Labor	1.27	Harvesting (MD)	10	100	1000
		Hauling	10	100	1000
		Shelling (P20/bag)	120	20	2400
		Drying (P25/bag)	120	25	3000
		Bagging (MD)	2	100	200
					7,600.00
Other Inputs	0.18	Sacks (pc)	120	8	960
		Straw (kg)	1	120	120
					1,080.00
		Total Production Cost			27,313.65
Cost of money	0.46	10% of Production Costs			2,731.37
Total Cost of Produce	4.95				
Marketing/Distribution Cost:					
	0.50	Mahaplag - BMPCI, Bontoc, So. Leyte			3000
Total Cost/Kg	5.45				3,000.00
	0.50	Mahaplag - Coco Valley Swine Farm			3000
Total Cost/Kg	5.45				3,000.00
Selling Price					
	10.50	Mahaplag - Bontoc			
	11.20	Mahaplag - Pawing, Palo			
Margin					
	5.05	Boroc-Bontoc			
	5.75	Boroc-Kananga			

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

Supply Chain Cost as of March 31, 2007

Commodity: Corn

Source: Naval, Biliran

Destination: Coco Valley, Farm, Pawing, Palo, Leyte

Volume: 6,000 kg

Cost Element	Cost/Kilo	ASSUMPTIONS			Total
		Particulars	Qty	Price	
Production		Expected Yield @ P6,000 kg			6,000.00
Seeds	0.45	Usage of hybrid seeds, 20 kgs/bag	1	2700	2,700.00
Fertilizers	0.91	Use of Bio-N: tipid abono technology (packets)	6	60	360.00
		Inorganic fertilizers:			
		Complete (14-14-14)	3	750	2250
		Urea (46-0-0)	2	970	1940
		Muriate of potash	1.5	848	1272
					5,462.00
Pesticides	0.19	Use of insecticide (bag), optional	1	986.65	986.65
		Use of trichocards (cards)	70	2.5	175
					1,161.65
Labor	1.49	Land Preparation:			
		1st plowing 1 pass	1	1600	1600
		2nd plowing 1 pass	1	1600	1600
		1st harrowing 1 pass	1	1400	1400
		Furrowing	3	250	750
		Planting/Basal Fertilization (MD)	10	100	1000
		Thinning/Replanting (MD)	2	100	200
		Side Dressing	2	100	200
		Off-barring (MAD)	3	250	750
		Use of BIO-Control agents (MD)	2	100	200
		Hilling-up (MAD)	3	250	750
		Detasseling (MD)	3	100	300
		Spraying (MD)	2	100	200
					8,950.00
Post Harvest					
Labor	1.27	Harvesting (MD)	10	100	1000
		Hauling	10	100	1000
		Shelling (P20/bag)	120	20	2400
		Drying (P25/bag)	120	25	3000
		Bagging (MD)	2	100	200
					7,600.00
Other Inputs	0.18	Sacks (pc)	120	8	960
		Straw (kg)	1	120	120
					1,080.00
		Total Production Cost			27,313.65
Cost of money	0.46	10% of Production Costs			2,731.37
Total Cost of Produce	4.95				
Marketing/Distribution Cost:					
	0.60	Naval - Coco Valley Swine			3600
Total Cost/Kg	5.55				3,600.00
Selling Price	11.20	Coco Valley Swine, Farm, Pawing, Palo			
Margin	5.65	Naval, Pawing, Palo			

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