

Region 02

SUPPLY CHAIN COST STRUCTURE AND TRAVEL TIME

COMMODITY: MANGO (12-year old)

MUNICIPALITY: NAGUILIAN, ISABELA

AVERAGE YIELD PER TREE: 150 kgs

CURRENT PRICE PER KILO: Export Quality - P35.00/kg; Local market - P14.00/kg (as of 03/31/07)

COST ELEMENT	ACTUAL PRACTICE	UNIT
		COST (P)
PRODUCTION		
Material Cost (inputs)		
Fertilizer		
Organic Fertilizer	P400.00/tree @ 100 trees/ha	
Foliar Fertilizer	8 kgs	230.00
Insecticides		
Cypermithrin	8 liters	420.00
Cartap/Carbaryl	15 kgs	1,300.00
Fungicide	6 kgs	420.00
Flower Inducer (Mango Blooms)	20 kgs	130.00
Fuel and Oil (fertilizer application and harvesting)	32 liters	33.00
Labor		
Pruning	10 MD	150.00
Fertilization includes ringweeding & digging around the base of the plants & mulching	10 MD	150.00
Spraying of flowering hormone-flower induction	6 MD	150.00
Chemical Spraying (5x)	3 MD	150.00
Harvesting (including hauling)	20 MD	180.00
Sorting	4 MD	250.00
Tools depreciation	P3000.00/season	
Production Loss		
PRODUCTION LEVEL		
FARMGATE PRICE		
MARGIN		
POST -PRODUCTION		
Transport		
Export Quality (farm to Manila)	P1.00/kg	
Local Market	P0.20/kg	
Sorting/Packaging		
Transport		
Postharvest losses		
MARGIN		
POST-PRODUCTION LEVEL		
DISTRIBUTION		
Handling & Selling		
Freight		

Distribution loss		
MARGIN		
DISTRIBUTION LEVEL		
RETAILER'S MARGIN		
CUSTOMER LEVEL		

Export Quality (70% of total harvest)	10,500	
XL (10% of total export quality)	1,050	35.00
L (20% of total export quality)	2,100	30.00
M (30% of total export quality)	3,150	25.00
S (40% of total export quality)	4,200	20.00
Local Market (30% of total harvest)	4,500	14.00

