

Region 02

SUPPLY CHAIN COST STRUCTURE AND TRAVEL TIME

COMMODITY: YELLOW CORN

MUNICIPALITY: TUMAUI NI, ISABELA

AVERAGE YIELD PER HA.: 5.0 MT

CURRENT PRICE PER KILO: Dry - P10.80; Wet - P8.30 (as of March 16, 2007)

COST ELEMENT	TECHNOLOGY RECOMMENDATION	ACTUAL PRACTICE	UNIT COST (P)	TOTAL COST (P)	COST PER KILO (P)
PRODUCTION					
Seeds					
- OPV (20 kgs)	1 bag				
- Hybrid (18 kgs)	1 bag	1 bag	2,800.00	2,800.00	0.56
Fertilizer					
- Bio-N (200 gms/packet)	6 packets	6 packets	60.00	360.00	0.07
- Organic (50 kgs/bag)	7 bags	6 bags	220.00	1,320.00	0.26
- Urea (50 kgs/bag)	4 bags	3 bags	890.00	2,670.00	0.53
- 14-14-14 (50 kgs/bag)	6 bags	4 bags	680.00	2,720.00	0.54
Pesticide					
- Furan (12 kgs)	1 bag				
- Insecticide	1 liter				
- Herbicide		1 liter	300.00	300.00	0.06
Labor					
- Plowing to Harrowing (4W Tractor) -2 passing		Contract	1,400.00	2,800.00	0.56
- Furrowing		2 MAD	195.00	390.00	0.08
- Planting and Basal Application	10 MD	9 MD	135.00	1,215.00	0.24
- Spraying (1x)	2 MD	2 MD	135.00	270.00	0.05
- Sidedressing	2 MD	2 MD	135.00	270.00	0.05
- Cultivation					
Off-barring	2 MAD	2 MAD	195.00	390.00	0.08
Hilling-up	2 MAD	2 MAD	235.00	470.00	0.09
Interest		30% for 4 mos.		4,792.50	0.96
Harvesting (harvester's share/daily wage)		10 MD	135.00	1,350.00	0.27
PRODUCTION LEVEL					4.42
POST -PRODUCTION					
Hauling (w/in farm for shelling)					
Shelling		P14.00/4 cans		1,400.00	0.28
Drying		4 MD	135.00	540.00	0.11
Hauling } farm to house/drying area		P5.00/bag		500.00	0.10
Transport }					
Materials(sacks)		P7.00/pc		700.00	0.14
Postharvest losses					
POST-PRODUCTION LEVEL					0.63
TOTAL PRODUCTION COST					5.05
FARMGATE PRICE					10.80
MARGIN					5.75
DISTRIBUTION (TRADER)					
Hauling } house to trader		P15.00/bag		1,290.00	0.30

Transport } house to trader				
Hauling		P2.5/move/bag	215.00	0.05
Transport		P1.20/kg	5,160.00	1.20
Distribution Loss				
TOTAL DISTRIBUTION COST				1.55
END USERS LEVEL				12.00
MARGIN				(0.35)

Note:

- Labor cost per MAD/MD includes snacks
- Traders usually pick-up farmers' produce
- Weight loss due to drying is 14%
- MC of freshly harvested corn is 26% while MC of corn for feedmilling is 14%.