Cost & Return Analysis for Kalinayan Upland Rice Production & Trading One Hectare, Kalinayan Upland Rice Production Farmer's Practice

One Cropping - As of June 2011

Location: Brgy. Gusa, San Jose de Buan

Destination: Paranas, Samar & Tacloban City Supermarket

Particulars	Unit Price	Qty	Amount	Total	Cost/kl
Estimated Income					
1500 kgs palay (30 bags) @ P16.00/kl	16.00	1,500.00	24,000.00	24,000.00	
Less Costs : farm inputs				3,062.50	2.04
Use of Kalinayan seeds, 25 gantas/ha	100.00	25	2,500.00		
Fertilizers : General Recommendation					
Commercial Organic (bag)					
Pesticides :					
Use of Insecticides (lit)	375.00	1.5	562.50		
Labor/Tractor Services :					
Land Preparation :				4,975.00	3.32
Cleaning & brushing in the production area	100.00	28	2,800.00		
Planting/Replanting (MD)	50.00	15	750.00		
Cleaning/weeding (15 after planting)	50.00	4	200.00		
Spraying (1.5 lit) 2 for D @ P50/day	50.00	1.5	75.00		
Cleaning	50.00	2	100.00		
Hauling cost of palay from farm to town proper @ P150/sack	150.00	7	1,050.00	40 550 00	0.07
Post Harvest Operations:	40.00	750	40,000,00	12,550.00	8.37
Harvesting (50% share for the harvester)	16.00	750	12,000.00		
Threshing share (1 kerosene can @ 15 kgs)	16.00	15	240.00		
Design of relevites design Q D451 and C O A	45.00	_	20.00		
Drying of palay (solar drying @ P15/sack) @ 2 days	15.00	2	30.00		
Other Inputs	45.00	40	040.00		
Plastic Sacks @ P15 X	15.00	16	240.00		
Straw, 1/4 kg @ P80/kg	80.00	0.5	40.00	00 507 50	
Production Cost				20,587.50	
Net Income				3,412.50	40.70
BEP				40.50	13.73
ROI	50.00	750	27 500 00	16.58	
Estimated Income for Kalinayan Milled Rice Trading Add: income from rice bran (6 kgs/sack X 15 sacks)	50.00 6.00	15	37,500.00 90.00		
Total Gross Income	0.00	15	90.00	37,590.00	
Less: Costs				37,390.00	
	16.00	1500	24,000.00		
Cost of palay @ P16.oo/kg Cost of plastic sacks @ P15.00 each	15.00	33	495.00		
Cost of plastic sacks @ F 13.00 each Cost of plastic straw 1/4 kg @ P80.00/kg	80.00	0.25	20.00		
Cost of Drying palay (33 sacks @ P15/sack)	15.00	33	495.00		
Milling cost for 25 cans milled rice (15 kgs/can) @P30./can	15.00	33	493.00		
50 % milling recovery (750 kgs 0r 50) = 50 cans	30.00	25	750.00		
Sacks @ P15.00 each	15.00	8	120.00		
Transport cost from miller to Tacloban City wholesaler	50.00	8	400.00		
Total Costs	50.00	O	400.00	26,280.00	
Net Income				11,310.00	
Breakeven Price/kg Produced				11,310.00	35.04
ROI				43.04	33.04
Wholesale				70.07	
High - 1 bag @ 50 kg		50	2,450.00		49.00
Low - 1 bag @ 50 kg		50	2,475.00		49.50
Margin			_, 5.55		.5.50
High - 1 bag @ 50 kg	49.00 - 35.0)4			13.96
Low - 1 bag @ 50 kg	49.50 - 35.0				14.46
Retail					
Cost of milled rice @ 50 kg/bag	49.00	50	2,450.00		
Transport cost for 15 sacks X P50/bag	1.00	50	50.00	2,500.00	
Breakeven price				_,	51.00
Retail Price @ P52/kg	52.00	50	2,600.00		
Margin	500		,,,,,,,,,,		1.00
Retail Price @ P53	53.00	50	2,650.00		,
Margin			,,,,,,,,,,		2.00
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Source: DA-RFU 8, Agribusiness & Marketing Assistance Division