

2007 Estimated Production Costs and Returns - Tomatoes in Southern Colorado

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
TOMATOES	BOXES	10.00	1,000	10,000.00		
TOTAL RECEIPTS				10,000.00	10.00	
DIRECT COSTS						
Operating Preharvest						
CUSTOM FERTILIZER APPLICATION	ACRE	4.50	1	4.50	0.00	
FERTILIZER (11-25-0)	LBS	0.30	250	75.00	0.08	
HERBICIDE (Treflan)	ACRE	10.00	1	10.00	0.01	
INSECTICIDE (Warrior)	ACRE	18.00	1.00	18.00	0.02	
INSECTICIDE (Asana)	ACRE	18.00	1.00	18.00	0.02	
BLACK PLASTIC w/INSTALLATION	ACRE	225.00	1.00	225.00	0.23	
FUNGICIDE (2 lbs of Bravo + 1 pt Cocide)	ACRE	14.00	1.00	14.00	0.01	
CUSTOM FUNGICIDE APPLICATION	ACRE	6.00	1.00	6.00	0.01	
SEED	SEEDS	0.025	5,000	125.00	0.13	
GROWING TRANSPLANTS	TRANS	0.05	4,000	200.00	0.20	
HAND LABOR (Planting)	ACRE	60.00	1	60.00	0.06	
HAND LABOR	ACRE	40.00	3	120.00	0.12	
OPERATOR LABOR	ACRE			13.49	0.01	
IRRIGATION ENERGY	ACRE			12.00	0.01	
WATER SHARES	ACRE			24.00	0.02	
FUEL	ACRE			29.70	0.03	
REPAIR & MAINTENANCE	ACRE			12.20	0.01	
INTEREST EXPENSE	DOLS			34.44	0.03	
Total Preharvest	DOLS			1001.33	1.00	
Operating Harvest						
HAND PICKING	ACRE			600.00	1.00	
Total Harvest				600.00	0.60	
Total Operating Costs				1,601.33	1.60	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			67.94	0.07	
Total Property and Ownership Costs	DOLS			67.94	0.07	
TOTAL DIRECT COSTS				1,669.27	1.67	
NET RECEIPTS BEFORE FACTOR PAYMENTS				8,330.73	8.33	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			0.00	0.00	
RETURN TO MANAGEMENT AND RISK	DOLS			8,330.73	8.33	

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

		ALTERNATIVE PRICES					
		\$/TON					
		-25%	-10%		+10%	+25%	
		\$ 7.50	\$ 9.00	\$ 10.00	\$ 11.00	\$ 12.50	
ALTERNATIVE YIELDS	-25%	750	\$3,955.73	\$5,080.73	\$ 5,830.73	\$ 6,580.73	\$ 7,705.73
	-10%	900	\$5,080.73	\$6,430.73	\$ 7,330.73	\$ 8,230.73	\$ 9,580.73
TONS		1,000	\$5,830.73	\$7,330.73	\$ 8,330.73	\$ 9,330.73	\$ 10,830.73
	+10%	1,100	\$6,580.73	\$8,230.73	\$ 9,330.73	\$10,430.73	\$ 12,080.73
	+25%	1,250	\$7,705.73	\$9,580.73	\$ 10,830.73	\$12,080.73	\$ 13,955.73