

2007 Estimated Production Costs and Returns - Cantaloupe 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:					
CANTALOUPE	BOXES	9.50	650.00	6175.00	
TOTAL RECEIPTS				6175.00	9.50
DIRECT COSTS					
Operating Preharvest					
FERTILIZER - PHOSPHORUS (11-25-0)	LBS	0.30	250.00	75.00	0.12
CUSTOM FERTILIZER APPLICATION	ACRE	4.50	1.00	4.50	0.01
BLACK PLASTIC w/INSTALLATION	ACRE	225.00	1.00	225.00	0.35
SEED	SEEDS	0.04	5000	200.00	0.31
TRANSPLANTS	TRANSP	0.05	5000	250.00	0.38
HERBICIDE (TREFLAN)	ACRE	10.00	1	10.00	0.02
INSECTICIDE (ASANA)	ACRE	18.00	3	54.00	0.08
HAND LABOR	ACRE	40.00	4	160.00	0.25
IRRIGATION ENERGY	ACRE	12.00	1.00	12.00	0.02
OPERATOR LABOR	ACRE			15.37	0.02
WATER SHARES	ACRE	24.00	1	24.00	0.04
INTEREST EXPENSE	DOLS			67.14	0.10
Total Preharvest	DOLS			1097.01	1.69
Operating Harvest					
FUEL	ACRE			33.17	0.05
REPAIR & MAINTENANCE	ACRE			14.44	0.02
CUSTOM PACKING	BOXES	1.50	650	975.00	1.50
HARVEST LABOR	HOURS	10.00	40	400.00	0.62
Total Harvest				1422.61	2.19
Total Operating Costs				2519.62	3.88
Property and Ownership Costs					
MACHINERY OWNERSHIP COSTS	DOLS			77.69	0.12
Total Property and Ownership Costs	DOLS			77.69	0.12
TOTAL DIRECT COSTS				2597.31	4.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				3577.69	5.50
FACTOR PAYMENTS					
LAND @ 4.00%	DOLS			0.00	0.00
RETURN TO MANAGEMENT AND RISK	DOLS			3577.69	5.50

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

				ALTERNATIVE PRICES				
				\$/TON				
				-25%	-10%	9.50	+10%	+25%
				\$ 7.13	\$ 8.55	\$ 9.50	\$ 10.45	\$ 11.88
ALTERNATIVE YIELDS	-25%	487.5	\$ 876.13	\$ 1,570.82	\$ 2,033.94	\$ 2,497.07	\$ 3,191.75	
	-10%	585.0	\$ 1,570.82	\$ 2,404.44	\$ 2,960.19	\$ 3,515.94	\$ 4,349.57	
TONS		650.0	\$ 2,033.94	\$ 2,960.19	\$ 3,577.69	\$ 4,195.19	\$ 5,121.44	
	+10%	715.0	\$ 2,497.07	\$ 3,515.94	\$ 4,195.19	\$ 4,874.44	\$ 5,893.32	
	+25%	812.5	\$ 3,191.75	\$ 4,349.57	\$ 5,121.44	\$ 5,893.32	\$ 7,051.13	