

2007 Estimated Production Costs and Returns - Onions 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:					
ONIONS	BAGS	5.00	1000	5000.00	
TOTAL RECEIPTS				5000.00	5.00
DIRECT COSTS					
Operating Preharvest					
FERTILIZER - PHOSPHORUS (11-25-0)	LBS	0.30	500.00	150.00	0.15
FERTILIZER - NITROGEN (32-0-0)		0.07	300.00	21.00	0.02
CUSTOM FERTILIZER APPLICATION	ACRE	4.50	2	9.00	0.01
SEED	SEEDS	0.0014	130,000	182.00	0.18
HERBICIDE (Roundup)	ACRE	18.00	1	18.00	0.02
HERBICIDE (Goal 2 + Starane)	ACRE	18.00	1	18.00	0.02
HERBICIDE (Prowl + Outlook)	ACRE	18.00	1	18.00	0.02
HERBICIDE (Goal 2 + Dual II)	ACRE	18.00	1	18.00	0.02
HERBICIDE (Dual + Trigger + Goaltender)	ACRE	18.00	1	18.00	0.02
INSECTICIDE (Lannate)	ACRE	18.00	1	18.00	0.02
INSECTICIDE (Warrior + Lannate)	ACRE	18.00	1	18.00	0.02
FUNGICIDE (Dithane + Top Crop)	ACRE	14.00	1	14.00	0.01
FUNGICIDE (Dithane + NuCrop)	ACRE	14.00	2	28.00	0.03
HAND LABOR	ACRE	40.00	2	80.00	0.08
IRRIGATION ENERGY	ACRE	16.00	1	16.00	0.02
OPERATOR LABOR	ACRE			16.69	0.02
WATER SHARES	ACRE			24.00	0.02
INTEREST EXPENSE	DOLS			30.04	0.03
Total Preharvest	DOLS			696.73	0.70
Operating Harvest					
FUEL	ACRE			35.96	0.04
REPAIR & MAINTENANCE	ACRE			15.58	0.02
HARVEST LABOR	HOURS	30.00	10	300.00	0.30
Total Harvest				351.54	0.35
Total Operating Costs				1048.27	1.05
Property and Ownership Costs					
MACHINERY OWNERSHIP COSTS	DOLS			83.99	0.08
Total Property and Ownership Costs	DOLS			83.99	0.08
TOTAL DIRECT COSTS				1132.26	1.13
NET RECEIPTS BEFORE FACTOR PAYMENTS				3867.74	3.87
FACTOR PAYMENTS					
LAND @ 4.00%	DOLS			0.00	0.00
RETURN TO MANAGEMENT AND RISK	DOLS			3867.74	3.87

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

				ALTERNATIVE PRICES				
				\$/TON				
				-25%	-10%	5.00	+10%	+25%
				\$ 3.75	\$ 4.50	\$ 5.00	\$ 5.50	\$ 6.25
ALTERNATIVE YIELDS	-25%	750.0		\$ 1,680.24	\$ 2,242.74	\$ 2,617.74	\$ 2,992.74	\$ 3,555.24
	-10%	900.0		\$ 2,242.74	\$ 2,917.74	\$ 3,367.74	\$ 3,817.74	\$ 4,492.74
	TONS	1,000.0		\$ 2,617.74	\$ 3,367.74	\$ 3,867.74	\$ 4,367.74	\$ 5,117.74
	+10%	1,100.0		\$ 2,992.74	\$ 3,817.74	\$ 4,367.74	\$ 4,917.74	\$ 5,742.74
	+25%	1,250.0		\$ 3,555.24	\$ 4,492.74	\$ 5,117.74	\$ 5,742.74	\$ 6,680.24