

2007 Estimated Production Costs and Returns

Reduced Tillage, Sprinkler Irrigated Corn 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:						
CORN	BU	4.00	180.00	720.00		
TOTAL RECEIPTS				720.00	4.00	
DIRECT COSTS						
Operating Preharvest						
CUSTOM FERTILIZER APPLICATION	ACRE	6.00	1	6.00	0.03	
FERTILIZER (11-52-0 & 46-0-0)	GAL	0.23	200.00	46.00	0.26	
HERBICIDE (ROUNDUP)	PINT	6.00	1.00	6.00	0.03	
SEED	BAG	200.00	0.38	75.00	0.42	
OPERATOR LABOR	ACRE			3.47	0.02	
IRRIGATION LABOR	HOUR	10.00	4.5	45.00	0.25	
IRRIGATION ENERGY	ACRE			73.80		
FUEL	ACRE			8.27	0.05	
REPAIR & MAINTENANCE	ACRE			6.71	0.04	
INTEREST EXPENSE	DOLS			8.40	0.05	
Total Preharvest	DOLS			278.65	1.55	
Operating Harvest						
FUEL	DOLS			4.55	0.03	
REPAIR & MAINTENANCE	DOLS			1.86	0.01	
OPERATOR LABOR	ACRE			1.28	1.00	
HAUL CORN	BU	0.17	4.00	0.68	1.00	
Total Harvest				8.37	0.05	
Total Operating Costs				287.02	1.59	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			33.32	0.19	
Total Property and Ownership Costs	DOLS			33.32	0.19	
TOTAL DIRECT COSTS				320.34	1.78	
NET RECEIPTS BEFORE FACTOR PAYMENTS				399.66	2.22	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			0.00	0.00	
RETURN TO MANAGEMENT AND RISK	DOLS			399.66	2.22	

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

				ALTERNATIVE PRICES				
				\$/TON				
				-25%	-10%	4.00	+10%	+25%
				\$ 3.00	\$ 3.60	\$ 4.00	\$ 4.40	\$ 5.00
ALTERNATIVE YIELDS	-25%	135.0		\$ 84.66	\$ 165.66	\$ 219.66	\$ 273.66	\$ 354.66
	-10%	162.0		\$ 165.66	\$ 262.86	\$ 327.66	\$ 392.46	\$ 489.66
	TONS	180.0		\$ 219.66	\$ 327.66	\$ 399.66	\$ 471.66	\$ 579.66
	+10%	198.0		\$ 273.66	\$ 392.46	\$ 471.66	\$ 550.86	\$ 669.66
	+25%	225.0		\$ 354.66	\$ 489.66	\$ 579.66	\$ 669.66	\$ 804.66