

2007 Estimated Production Costs and Returns
 Reduced Tillage, Flood 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	
CUSTOM INSECTICIDE APPLICATION	ACRE	6.25	1.00	6.25	0.03	
INSECTICIDE	ACRE	23.75	1.00	23.75	0.13	
SEED	BAG	200.00	0.38	75.00	0.42	
OPERATOR LABOR	ACRE			6.46	0.04	
IRRIGATION LABOR	HOUR	10.00	2.5	25.00	0.14	
FUEL	ACRE			15.33	0.09	
REPAIR & MAINTENANCE	ACRE			10.37	0.06	
INTEREST EXPENSE	DOLS			9.88	0.05	
Total Preharvest	DOLS			230.04	1.28	
Operating Harvest						
FUEL	DOLS			5.38	0.03	
REPAIR & MAINTENANCE	DOLS			2.13	0.01	
OPERATOR LABOR	ACRE			1.28	1.00	
HAUL CORN	BU	0.17	4.00	0.68	1.00	
Total Harvest				9.47	0.05	
Total Operating Costs				239.51	1.33	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			53.56	0.30	
Total Property and Ownership Costs	DOLS			53.56	0.30	
TOTAL DIRECT COSTS				293.07	1.63	
NET RECEIPTS BEFORE FACTOR PAYMENTS				426.93	2.37	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			0.00	0.00	
RETURN TO MANAGEMENT AND RISK	DOLS			426.93	2.37	

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		\$ 111.93	\$ 192.93	\$ 246.93	\$ 300.93	\$ 381.93
	-10%	162.0		\$ 192.93	\$ 290.13	\$ 354.93	\$ 419.73	\$ 516.93
TONS		180.0		\$ 246.93	\$ 354.93	\$ 426.93	\$ 498.93	\$ 606.93
	+10%	198.0		\$ 300.93	\$ 419.73	\$ 498.93	\$ 578.13	\$ 696.93
	+25%	225.0		\$ 381.93	\$ 516.93	\$ 606.93	\$ 696.93	\$ 831.93