

Table 5. 2010 Estimated Production Costs and Returns - Irrigated Corn in Northeastern 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	5.25	205.00	1076.25		
TOTAL RECEIPTS				1076.25	5.25	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	66.10	1.00	66.10	0.32	
FERTILIZER	DOLS	118.38	1.00	118.38	0.58	
HERBICIDE (APPLIED)	DOLS	26.08	1.00	26.08	0.13	
INSECTICIDE	DOLS	13.20	1.00	13.20	0.06	
IRRIGATION ENERGY	DOLS	76.03	1.00	76.03	0.37	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.05	
CROP INSURANCE	DOLS	31.59	1.00	31.59	0.15	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.29	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.04	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.04	
FUEL	DOLS			15.47	0.08	
REPAIR & MAINTENANCE	DOLS			7.08	0.03	
LABOR	DOLS			7.95	0.04	
INTEREST EXPENSE ²	DOLS			15.68	0.08	
Total Preharvest	DOLS			463.56	2.26	
Operating Harvest						
FUEL	DOLS			4.79	0.02	
REPAIR & MAINTENANCE	DOLS			4.73	0.02	
LABOR	DOLS			1.57	0.01	
HAULING ¹	DOLS			41.00	0.20	
Total Harvest				52.09	0.25	
Total Operating Costs				515.65	2.52	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			49.04	0.24	
GENERAL FARM OVERHEAD	DOLS			10.00	0.05	
REAL ESTATE TAXES	DOLS			13.11	0.06	
Total Property and Ownership Costs	DOLS			72.15	0.35	
TOTAL DIRECT COSTS				587.80	2.87	
NET RECEIPTS BEFORE FACTOR PAYMENTS				488.45	2.38	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	0.59	
RETURN TO MANAGEMENT AND RISK	DOLS			368.45	1.80	

1 Hauling Machinery & Labor Charges = \$0.20/Bushel

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7%

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

		ALTERNATIVE PRICES					
		\$/BU					
		-25%	-10%	5.25	+10%	+25%	
		\$ 3.94	\$ 4.73	\$ 5.25	\$ 5.78	\$ 6.56	
ALTERNATIVE YIELDS	-25%	153.8	\$ 17.59	\$ 138.67	\$ 219.39	\$ 300.11	\$ 421.19
	-10%	184.5	\$ 138.67	\$ 283.97	\$ 380.83	\$ 477.69	\$ 622.99
BUSHEL		205.0	\$ 219.39	\$ 380.83	\$ 488.45	\$ 596.08	\$ 757.52
	+10%	225.5	\$ 300.11	\$ 477.69	\$ 596.08	\$ 714.47	\$ 892.05
	+25%	256.3	\$ 421.19	\$ 622.99	\$ 757.52	\$ 892.05	\$ 1,093.84