

Table 5. 2009 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	3.85	176.00	677.60		
TOTAL RECEIPTS				677.60	3.85	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	70.76	1.00	70.76	0.40	
FERTILIZER	DOLS	174.34	1.00	174.34	0.99	
HERBICIDE (APPLIED)	DOLS	26.08	1.00	26.08	0.15	
INSECTICIDE	DOLS	13.31	1.00	13.31	0.08	
IRRIGATION ENERGY	DOLS	76.03	1.00	76.03	0.43	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.06	
CROP INSURANCE	DOLS	35.97	1.00	35.97	0.20	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.34	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.05	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.05	
FUEL	DOLS			12.15	0.07	
REPAIR & MAINTENANCE	DOLS			6.96	0.04	
LABOR	DOLS			7.81	0.04	
INTEREST EXPENSE ²	DOLS			19.10	0.11	
Total Preharvest	DOLS			528.51	3.00	
Operating Harvest						
FUEL	DOLS			3.76	0.02	
REPAIR & MAINTENANCE	DOLS			4.65	0.03	
LABOR	DOLS			1.54	0.01	
HAULING ¹	DOLS			35.20	0.20	
Total Harvest				45.15	0.26	
Total Operating Costs				573.66	3.26	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			48.55	0.28	
GENERAL FARM OVERHEAD	DOLS			10.00	0.06	
REAL ESTATE TAXES	DOLS			11.64	0.07	
Total Property and Ownership Costs	DOLS			70.19	0.40	
TOTAL DIRECT COSTS				643.85	3.66	
NET RECEIPTS BEFORE FACTOR PAYMENTS				33.75	0.19	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	0.30	
RETURN TO MANAGEMENT AND RISK	DOLS			-18.25	-0.10	

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

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7.5%

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

			ALTERNATIVE PRICES				
			\$/BU				
			-25%	-10%		+10%	+25%
			\$ 2.89	\$ 3.47	\$ 3.85	\$ 4.24	\$ 4.81
ALTERNATIVE YIELDS	-25%	132.0	\$ (262.70)	\$ (186.47)	\$ (135.65)	\$ (84.83)	\$ (8.60)
	-10%	158.4	\$ (186.47)	\$ (95.00)	\$ (34.01)	\$ 26.97	\$ 118.45
BUSHEL		176.0	\$ (135.65)	\$ (34.01)	\$ 33.75	\$ 101.51	\$ 203.15
	+10%	193.6	\$ (84.83)	\$ 26.97	\$ 101.51	\$ 176.04	\$ 287.85
	+25%	220.0	\$ (8.60)	\$ 118.45	\$ 203.15	\$ 287.85	\$ 414.90