

**Table 21. 2011 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
<b>GROSS RECEIPTS FROM PRODUCTION:</b>						
CORN	BU	6.20	198.00	1227.60		
<b>TOTAL RECEIPTS</b>				<b>1227.60</b>	<b>6.20</b>	
<b>DIRECT COSTS</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	78.20	1.00	78.20	0.39	
FERTILIZER	DOLS	157.98	1.00	157.98	0.80	
HERBICIDE (APPLIED)	DOLS	27.32	1.00	27.32	0.14	
INSECTICIDE	DOLS	13.68	1.00	13.68	0.07	
IRRIGATION ENERGY	DOLS	79.45	1.00	79.45	0.40	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.05	
CROP INSURANCE	DOLS	55.86	1.00	55.86	0.28	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.30	
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			21.02	0.11	
REPAIR & MAINTENANCE	DOLS			7.43	0.04	
LABOR	DOLS			8.06	0.04	
INTEREST EXPENSE <sup>2</sup>	DOLS			18.73	0.09	
<b>Total Preharvest</b>	DOLS			<b>553.73</b>	<b>2.80</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			6.51	0.03	
REPAIR & MAINTENANCE	DOLS			4.97	0.03	
LABOR	DOLS			1.59	0.01	
HAULING <sup>1</sup>	DOLS			39.60	0.20	
<b>Total Harvest</b>				<b>52.67</b>	<b>0.27</b>	
<b>Total Operating Costs</b>				<b>606.40</b>	<b>3.06</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			49.53	0.25	
GENERAL FARM OVERHEAD	DOLS			10.00	0.05	
REAL ESTATE TAXES	DOLS			14.76	0.07	
<b>Total Property and Ownership Costs</b>	DOLS			<b>74.29</b>	<b>0.38</b>	
<b>TOTAL DIRECT COSTS</b>				<b>680.69</b>	<b>3.44</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>546.92</b>	<b>2.76</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			120.00	0.61	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>426.92</b>	<b>2.16</b>	

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)**

			<b>ALTERNATIVE PRICES</b>				
			\$/BU				
			-25%	-10%		+10%	+25%
			\$ 4.65	\$ 5.58	\$ 6.20	\$ 6.82	\$ 7.75
ALTERNATIVE YIELDS	-25%	148.5	\$ 9.84	\$ 147.95	\$ 240.02	\$ 332.09	\$ 470.19
	-10%	178.2	\$ 147.95	\$ 313.67	\$ 424.16	\$ 534.64	\$ 700.37
BUSHEL		198.0	\$ 240.02	\$ 424.16	\$ 546.92	\$ 669.68	\$ 853.82
	+10%	217.8	\$ 332.09	\$ 534.64	\$ 669.68	\$ 804.71	\$ 1,007.27
	+25%	247.5	\$ 470.19	\$ 700.37	\$ 853.82	\$ 1,007.27	\$ 1,237.44