

**Table 5. 2013 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	4.54	182.00	826.28		
<b>TOTAL RECEIPTS</b>				<b>826.28</b>	<b>4.54</b>	
<b>DIRECT COSTS</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	83.69	1.00	83.69	0.46	
FERTILIZER	DOLS	121.00	1.00	121.00	0.66	
HERBICIDE (APPLIED)	DOLS	28.58	1.00	28.58	0.16	
INSECTICIDE	DOLS	14.42	1.00	14.42	0.08	
IRRIGATION ENERGY	DOLS	77.70	1.00	77.70	0.43	
IRRIGATION REPAIR	DOLS	10.24	1.00	10.24	0.06	
CROP INSURANCE	DOLS	57.00	1.00	57.00	0.31	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.38	
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			19.14	0.11	
REPAIR & MAINTENANCE	DOLS			7.61	0.04	
LABOR	DOLS			8.40	0.05	
INTEREST EXPENSE <sup>2</sup>	DOLS			17.98	0.10	
<b>Total Preharvest</b>	DOLS			<b>531.76</b>	<b>2.92</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			5.92	0.03	
REPAIR & MAINTENANCE	DOLS			5.09	0.03	
LABOR	DOLS			1.66	0.01	
HAULING <sup>1</sup>	DOLS			36.40	0.20	
<b>Total Harvest</b>				<b>49.07</b>	<b>0.27</b>	
<b>Total Operating Costs</b>				<b>580.83</b>	<b>3.19</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			52.79	0.29	
GENERAL FARM OVERHEAD	DOLS			10.00	0.05	
REAL ESTATE TAXES	DOLS			15.42	0.08	
<b>Total Property and Ownership Costs</b>	DOLS			<b>78.21</b>	<b>0.43</b>	
<b>TOTAL DIRECT COSTS</b>				<b>659.04</b>	<b>3.62</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>167.24</b>	<b>0.92</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			162.50	0.89	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>4.74</b>	<b>0.03</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>					
		<b>\$/BU</b>					
		-25%	-10%		+10%	+25%	
		\$ 3.41	\$ 4.09	\$ 4.54	\$ 4.99	\$ 5.68	
ALTERNATIVE YIELDS	-25%	136.5	\$ (194.26)	\$ (101.30)	\$ (39.33)	\$ 22.64	\$ 115.60
	-10%	163.8	\$ (101.30)	\$ 10.24	\$ 84.61	\$ 158.97	\$ 270.52
BUSHEL		182.0	\$ (39.33)	\$ 84.61	\$ 167.24	\$ 249.87	\$ 373.81
	+10%	200.2	\$ 22.64	\$ 158.97	\$ 249.87	\$ 340.76	\$ 477.09
	+25%	227.5	\$ 115.60	\$ 270.52	\$ 373.81	\$ 477.09	\$ 632.02