

**Table 7. 2010 Estimated Production Costs and Returns - Irrigated Sugarbeets 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>						
SUGARBEETS	CWT	55.36	28.40	1572.22		
<b>TOTAL RECEIPTS</b>				<b>1572.22</b>	<b>55.36</b>	
<b>DIRECT COSTS:</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	65.13	1.00	65.13	2.29	
FERTILIZER	DOLS	99.40	1.00	99.40	3.50	
HERBICIDE	DOLS	113.32	1.00	113.32	3.99	
CUSTOM APPLICATION	DOLS	6.00	1.00	6.00	0.21	
INSECTICIDE	DOLS	11.48	1.00	11.48	0.40	
FUNGICIDE	DOLS	21.25	1.00	21.25	0.75	
IRRIGATION ENERGY	DOLS	97.32	1.00	97.32	3.43	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.35	
CROP INSURANCE	DOLS	28.67	1.00	28.67	1.01	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	2.11	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.28	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.28	
HAND LABOR	DOLS	55.00	1.00	55.00	1.94	
FUEL	DOLS			19.62	0.69	
REPAIR & MAINTENANCE	DOLS			11.61	0.41	
LABOR	DOLS			9.26	0.33	
INTEREST EXPENSE <sup>2</sup>	DOLS			21.84	0.77	
<b>Total Preharvest</b>	DOLS			<b>645.90</b>	<b>22.74</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			26.01	0.92	
REPAIR & MAINTENANCE	DOLS			85.74	3.02	
LABOR	DOLS			8.51	0.30	
HAULING <sup>1</sup>	DOLS			143.42	5.05	
<b>Total Harvest</b>				<b>263.68</b>	<b>9.28</b>	
<b>Total Operating Costs</b>				<b>909.58</b>	<b>32.03</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			122.84	4.33	
GENERAL FARM OVERHEAD	DOLS			30.00	1.06	
REAL ESTATE TAXES	DOLS			13.11	0.46	
PAYMENT ON COOP SHARE <sup>3</sup>	DOLS			43.92	1.55	
<b>Total Property and Ownership Costs</b>	DOLS			<b>209.87</b>	<b>5.84</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>1119.45</b>	<b>37.87</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>452.77</b>	<b>17.49</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			120.00	4.23	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>332.77</b>	<b>13.26</b>	

1 Hauling Machinery & Labor Charges = \$2.5/CWT and \$0.17 per ton per loaded mile (15 Miles)

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

3 \$185 Annualized over 5 years at 6% interest

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

				<b>ALTERNATIVE PRICES</b>				
				<b>\$/CWT</b>				
				-25%	-10%		+10%	+25%
				\$ 41.52	\$ 49.82	\$ 55.36	\$ 60.90	\$ 69.20
ALTERNATIVE YIELDS	-25%	21.3		\$(235.08)	\$(58.20)	\$ 59.72	\$ 177.63	\$ 354.51
	-10%	25.6		\$(58.20)	\$ 154.05	\$ 295.55	\$ 437.05	\$ 649.30
	CWT	28.4		\$ 59.72	\$ 295.55	\$ 452.77	\$ 609.99	\$ 845.83
	+10%	31.2		\$ 177.63	\$ 437.05	\$ 609.99	\$ 782.94	\$ 1,042.36
	+25%	35.5		\$ 354.51	\$ 649.30	\$ 845.83	\$ 1,042.36	\$ 1,337.15