

**Table 12. 2007 Estimated Production Costs and Returns - Irrigated Sugar Beets in South Platte Valley.**

	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	TON	42.20	25.10	1059.22		
<b>TOTAL RECEIPTS</b>				<b>1059.22</b>	<b>42.20</b>	
<b>DIRECT COSTS:</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	48.56	1.00	48.56	1.93	
FERTILIZER	DOLS	109.59	1.00	109.59	4.37	
HERBICIDE (APPLIED)	DOLS	78.07	1.00	78.07	3.11	
INSECTICIDE	DOLS	6.26	1.00	6.26	0.25	
FUNGICIDE	DOLS	44.73	1.00	44.73	1.78	
IRRIGATION ENERGY	DOLS	48.08	1.00	48.08	1.92	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.40	
CROP INSURANCE	DOLS	26.98	1.00	26.98	1.07	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	2.39	
CUSTOM AERIAL SPRAY	DOLS	7.00	2.00	14.00	0.56	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.32	
HAND LABOR	DOLS	40.00	2.00	80.00	3.19	
FUEL	DOLS			22.92	0.91	
REPAIR & MAINTENANCE	DOLS			12.89	0.51	
LABOR	DOLS			9.85	0.39	
INTEREST EXPENSE <sup>2</sup>	DOLS			20.30	0.81	
RETAINED REVENUE & DUES	DOLS	50.48	1.00	50.48	2.01	
<b>Total Preharvest</b>	DOLS			<b>650.71</b>	<b>25.92</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			18.78	0.75	
REPAIR & MAINTENANCE	DOLS			81.74	3.26	
LABOR	DOLS			8.08	0.32	
HAULING <sup>1</sup>	DOLS			126.76	5.05	
<b>Total Harvest</b>				<b>235.36</b>	<b>9.38</b>	
<b>Total Operating Costs</b>				<b>886.06</b>	<b>35.30</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			124.26	4.95	
GENERAL FARM OVERHEAD	DOLS			30.00	1.20	
REAL ESTATE TAXES	DOLS			10.00	0.40	
PAYMENT ON COOP SHARE	DOLS			43.92	1.75	
<b>Total Property and Ownership Costs</b>	DOLS			<b>208.18</b>	<b>6.54</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>1094.24</b>	<b>41.85</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>-35.02</b>	<b>0.35</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			52.00	2.07	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>-87.02</b>	<b>-1.72</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%

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

		<b>ALTERNATIVE PRICES</b>					
		<b>\$/TON</b>					
		-25%	-10%		+10%	+25%	
		\$ 31.65	\$ 37.98	\$ 42.20	\$ 46.42	\$ 52.75	
ALTERNATIVE YIELDS	-25%	18.8	\$ (498.43)	\$ (379.27)	\$ (299.83)	\$ (220.39)	\$ (101.22)
	-10%	22.6	\$ (379.27)	\$ (236.27)	\$ (140.94)	\$ (45.61)	\$ 97.38
	TONS	25.1	\$ (299.83)	\$ (140.94)	\$ (35.02)	\$ 70.90	\$ 229.78
	+10%	27.6	\$ (220.39)	\$ (45.61)	\$ 70.90	\$ 187.41	\$ 362.18
	+25%	31.4	\$ (101.22)	\$ 97.38	\$ 229.78	\$ 362.18	\$ 560.79