

Table 12. 2010 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
GROSS RECEIPTS FROM PRODUCTION:						
SUGARBEETS	TON	55.36	27.10	1500.26		
TOTAL RECEIPTS				1500.26	55.36	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	68.16	1.00	68.16	2.52	
FERTILIZER	DOLS	111.57	1.00	111.57	4.12	
HERBICIDE (APPLIED)	DOLS	92.72	1.00	92.72	3.42	
INSECTICIDE	DOLS	6.89	1.00	6.89	0.25	
FUNGICIDE	DOLS	52.16	1.00	52.16	1.92	
IRRIGATION ENERGY	DOLS	49.52	1.00	49.52	1.83	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.37	
CROP INSURANCE	DOLS	28.67	1.00	28.67	1.06	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	2.21	
CUSTOM AERIAL SPRAY	DOLS	8.00	2.00	16.00	0.59	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.30	
HAND LABOR	DOLS	40.00	2.00	80.00	2.95	
FUEL	DOLS			24.12	0.89	
REPAIR & MAINTENANCE	DOLS			13.45	0.50	
LABOR	DOLS			10.37	0.38	
INTEREST EXPENSE ²	DOLS			22.11	0.82	
RETAINED REVENUE & DUES	DOLS	50.48	1.00	50.48	1.86	
Total Preharvest	DOLS			704.22	25.99	
Operating Harvest						
FUEL	DOLS			21.84	0.81	
REPAIR & MAINTENANCE	DOLS			85.34	3.15	
LABOR	DOLS			8.51	0.31	
HAULING ¹	DOLS			136.86	5.05	
Total Harvest				252.55	9.32	
Total Operating Costs				956.76	35.30	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			125.50	4.63	
GENERAL FARM OVERHEAD	DOLS			30.00	1.11	
REAL ESTATE TAXES	DOLS			11.26	0.42	
PAYMENT ON COOP SHARE	DOLS			43.92	1.62	
Total Property and Ownership Costs	DOLS			210.68	6.15	
TOTAL DIRECT COSTS:				1167.44	41.46	
NET RECEIPTS BEFORE FACTOR PAYMENTS				332.81	13.90	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	4.43	
RETURN TO MANAGEMENT AND RISK	DOLS			212.81	9.47	

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)

		ALTERNATIVE PRICES					
		\$/TON					
		-25%	-10%		+10%	+25%	
		\$ 41.52	\$ 49.82	\$ 55.36	\$ 60.90	\$ 69.20	
ALTERNATIVE YIELDS	-25%	20.3	\$ (323.55)	\$ (154.77)	\$ (42.25)	\$ 70.27	\$ 239.05
	-10%	24.4	\$ (154.77)	\$ 47.77	\$ 182.79	\$ 317.81	\$ 520.35
		27.1	\$ (42.25)	\$ 182.79	\$ 332.81	\$ 482.84	\$ 707.88
	+10%	29.8	\$ 70.27	\$ 317.81	\$ 482.84	\$ 647.87	\$ 895.41
	+25%	33.9	\$ 239.05	\$ 520.35	\$ 707.88	\$ 895.41	\$ 1,176.71