

Table 30. 2006 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	40.70	22.40	911.68		
TOTAL RECEIPTS				911.68	40.70	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	45.00	1.00	45.00	2.01	
FERTILIZER	DOLS	88.57	1.00	88.57	3.95	
HERBICIDE (APPLIED)	DOLS	75.00	1.00	75.00	3.35	
INSECTICIDE	DOLS	6.00	1.00	6.00	0.27	
FUNGICIDE	DOLS	43.00	1.00	43.00	1.92	
IRRIGATION ENERGY	DOLS	45.36	1.00	45.36	2.02	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.45	
CROP INSURANCE	DOLS	16.69	1.00	16.69	0.75	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	2.68	
CUSTOM AERIAL SPRAY	DOLS	4.50	2.00	9.00	0.40	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.36	
HAND LABOR	DOLS	40.00	2.00	80.00	3.57	
FUEL	DOLS			21.92	0.98	
REPAIR & MAINTENANCE	DOLS			12.89	0.58	
LABOR	DOLS			9.85	0.44	
INTEREST EXPENSE ²	DOLS			18.59	0.83	
RETAINED REVENUE & DUES	DOLS	50.48	1.00	50.48	2.25	
Total Preharvest	DOLS			600.35	26.80	
Operating Harvest						
FUEL	DOLS			17.96	0.80	
REPAIR & MAINTENANCE	DOLS			81.74	3.65	
LABOR	DOLS			8.08	0.36	
HAULING ¹	DOLS			95.20	4.25	
Total Harvest				202.98	9.06	
Total Operating Costs				803.33	35.86	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			124.26	5.55	
GENERAL FARM OVERHEAD	DOLS			30.00	1.34	
REAL ESTATE TAXES	DOLS			10.00	0.45	
PAYMENT ON COOP SHARE	DOLS			43.92	1.96	
Total Property and Ownership Costs	DOLS			208.18	7.33	
TOTAL DIRECT COSTS:				1011.51	43.20	
NET RECEIPTS BEFORE FACTOR PAYMENTS				-99.83	-2.50	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	2.32	
RETURN TO MANAGEMENT AND RISK	DOLS			-151.83	-4.82	

1 Hauling Machinery & Labor Charges = \$2/CWT and \$0.15 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%	40.70	+10%	+25%	
ALTERNATIVE YIELDS	-25%	16.8	\$ (498.69)	\$ (396.13)	\$ (327.75)	\$ (259.37)	\$ (156.81)
	-10%	20.2	\$ (396.13)	\$ (273.05)	\$ (191.00)	\$ (108.95)	\$ 14.13
	TONS	22.4	\$ (327.75)	\$ (191.00)	\$ (99.83)	\$ (8.66)	\$ 128.09
	+10%	24.6	\$ (259.37)	\$ (108.95)	\$ (8.66)	\$ 91.62	\$ 242.05
	+25%	28.0	\$ (156.81)	\$ 14.13	\$ 128.09	\$ 242.05	\$ 412.99