

Table 10. 2010 Estimated Production Costs and Returns - Irrigated Soybeans Northeastern Colorado (Kit Carson County)

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
SOYBEANS	BU	11.10	48.60	539.46		
TOTAL RECEIPTS				539.46	11.10	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	45.17	1.00	45.17	0.93	
FERTILIZER	DOLS	10.99	1.00	10.99	0.23	
HERBICIDE	DOLS	31.96	1.00	31.96	0.66	
IRRIGATION ENERGY	DOLS	55.41	1.00	55.41	1.14	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.21	
CROP INSURANCE	DOLS	21.02	1.00	21.02	0.43	
CUSTOM APPLICATION	DOLS	6.00	2.00	12.00	0.25	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.16	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	1.23	
FUEL	DOLS			8.58	0.18	
REPAIR & MAINTENANCE	DOLS			4.19	0.09	
LABOR	DOLS			2.81	0.06	
INTEREST EXPENSE ²	DOLS			9.45	0.19	
Total Preharvest	DOLS			279.58	5.75	
Operating Harvest						
FUEL	DOLS			4.79	0.10	
REPAIR & MAINTENANCE	DOLS			2.78	0.06	
LABOR	DOLS			1.57	0.03	
HAULING ¹	DOLS			9.72	0.20	
Total Harvest				18.86	0.39	
Total Operating Costs				298.44	6.14	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			29.28	0.60	
GENERAL FARM OVERHEAD	DOLS			10.00	0.21	
REAL ESTATE TAXES	DOLS			4.92	0.10	
Total Property and Ownership Costs	DOLS			44.20	0.91	
TOTAL DIRECT COSTS:				342.64	7.05	
NET RECEIPTS BEFORE FACTOR PAYMENTS				196.82	4.05	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	2.47	
RETURN TO MANAGEMENT AND RISK	DOLS			76.82	1.58	

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)

		ALTERNATIVE PRICES				
		\$/BU				
		-25%	-10%	11.10	+10%	+25%
ALTERNATIVE YIELDS	-25%	\$ 8.33	\$ 9.99	\$ 11.10	\$ 12.21	\$ 13.88
	-10%	\$ (39.20)	\$ 21.49	\$ 61.95	\$ 102.41	\$ 163.10
	43.7	\$ 21.49	\$ 94.32	\$ 142.87	\$ 191.42	\$ 264.25
BUSHEL	48.6	\$ 61.95	\$ 142.87	\$ 196.82	\$ 250.76	\$ 331.68
	+10%	\$ 102.41	\$ 191.42	\$ 250.76	\$ 310.10	\$ 399.11
	+25%	\$ 163.10	\$ 264.25	\$ 331.68	\$ 399.11	\$ 500.26