

Table 28. 2006 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	6.00	93.00	558.00		
TOTAL RECEIPTS				558.00	6.00	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	35.50	1.00	35.50	0.38	
FERTILIZER	DOLS	14.19	1.00	10.28	0.11	
HERBICIDE	DOLS	27.40	1.00	27.40	0.29	
IRRIGATION ENERGY	DOLS	50.76	1.00	50.76	0.55	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.11	
CROP INSURANCE	DOLS	8.20	1.00	8.20	0.09	
CUSTOM APPLICATION	DOLS	4.00	2.00	8.00	0.09	
CROP CONSULTANT	DOLS	7.00	1.00	7.00	0.08	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.65	
FUEL	DOLS			7.79	0.08	
REPAIR & MAINTENANCE	DOLS			4.01	0.04	
LABOR	DOLS			2.67	0.03	
INTEREST EXPENSE ²	DOLS			8.11	0.09	
Total Preharvest	DOLS			239.71	2.58	
Operating Harvest						
FUEL	DOLS			3.93	0.04	
REPAIR & MAINTENANCE	DOLS			2.66	0.03	
LABOR	DOLS			1.49	0.02	
HAULING ¹	DOLS			13.02	0.14	
Total Harvest				21.10	0.23	
Total Operating Costs				260.81	2.80	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			28.99	0.31	
GENERAL FARM OVERHEAD	DOLS			10.00	0.11	
REAL ESTATE TAXES	DOLS			4.37	0.05	
Total Property and Ownership Costs	DOLS			43.36	0.47	
TOTAL DIRECT COSTS:				304.17	3.27	
NET RECEIPTS BEFORE FACTOR PAYMENTS				253.83	2.73	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	0.56	
RETURN TO MANAGEMENT AND RISK	DOLS			201.83	2.17	

1 Hauling Machinery & Labor Charges = \$0.14/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%	+10%	+25%		
		\$ 4.50	\$ 5.40	\$ 6.00	\$ 6.60		
ALTERNATIVE YIELDS	-25%	69.8	\$ 9.70	\$ 72.48	\$ 114.33	\$ 156.18	\$ 218.95
	-10%	83.7	\$ 72.48	\$ 147.81	\$ 198.03	\$ 248.25	\$ 323.58
BUSHELS		93.0	\$ 114.33	\$ 198.03	\$ 253.83	\$ 309.63	\$ 393.33
	+10%	102.3	\$ 156.18	\$ 248.25	\$ 309.63	\$ 371.01	\$ 463.08
	+25%	116.3	\$ 218.95	\$ 323.58	\$ 393.33	\$ 463.08	\$ 567.70