

Table 10. 2007 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	9.95	74.40	740.28		
TOTAL RECEIPTS				740.28	9.95	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	38.31	1.00	38.31	0.51	
FERTILIZER	DOLS	17.24	1.00	10.28	0.14	
HERBICIDE	DOLS	28.52	1.00	28.52	0.38	
IRRIGATION ENERGY	DOLS	53.80	1.00	53.80	0.72	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.13	
CROP INSURANCE	DOLS	12.13	1.00	12.13	0.16	
CUSTOM APPLICATION	DOLS	5.25	2.00	10.50	0.14	
CROP CONSULTANT	DOLS	7.00	1.00	7.00	0.09	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.81	
FUEL	DOLS			8.15	0.11	
REPAIR & MAINTENANCE	DOLS			4.01	0.05	
LABOR	DOLS			2.67	0.04	
INTEREST EXPENSE ²	DOLS			8.59	0.12	
Total Preharvest	DOLS			253.96	3.41	
Operating Harvest						
FUEL	DOLS			4.11	0.06	
REPAIR & MAINTENANCE	DOLS			2.66	0.04	
LABOR	DOLS			1.49	0.02	
HAULING ¹	DOLS			12.65	0.17	
Total Harvest				20.91	0.28	
Total Operating Costs				274.87	3.69	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			28.99	0.39	
GENERAL FARM OVERHEAD	DOLS			10.00	0.13	
REAL ESTATE TAXES	DOLS			4.37	0.06	
Total Property and Ownership Costs	DOLS			43.36	0.58	
TOTAL DIRECT COSTS:				318.23	4.28	
NET RECEIPTS BEFORE FACTOR PAYMENTS				422.05	5.67	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	0.70	
RETURN TO MANAGEMENT AND RISK	DOLS			370.05	4.97	

1 Hauling Machinery & Labor Charges = \$0.17/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%	9.95	+10%	+25%
ALTERNATIVE YIELDS	-25%	\$ 98.18	\$ 181.46	\$ 236.98	\$ 292.51	\$ 375.79
	-10%	\$ 181.46	\$ 281.40	\$ 348.03	\$ 414.65	\$ 514.59
BUSHEL	74.4	\$ 236.98	\$ 348.03	\$ 422.05	\$ 496.08	\$ 607.12
	+10%	\$ 292.51	\$ 414.65	\$ 496.08	\$ 577.51	\$ 699.66
	+25%	\$ 375.79	\$ 514.59	\$ 607.12	\$ 699.66	\$ 838.46