

**Table 26. 2011 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
<b>GROSS RECEIPTS FROM PRODUCTION:</b>						
SOYBEANS	BU	10.91	44.20	482.22		
<b>TOTAL RECEIPTS</b>				<b>482.22</b>	<b>10.91</b>	
<b>DIRECT COSTS:</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	53.44	1.00	53.44	1.21	
FERTILIZER	DOLS	14.67	1.00	14.67	0.33	
HERBICIDE	DOLS	31.48	1.00	31.48	0.71	
IRRIGATION ENERGY	DOLS	57.90	1.00	57.90	1.31	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.23	
CROP INSURANCE	DOLS	20.42	1.00	20.42	0.46	
CUSTOM APPLICATION	DOLS	7.00	2.00	14.00	0.32	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.18	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	1.36	
FUEL	DOLS			11.66	0.26	
REPAIR & MAINTENANCE	DOLS			4.40	0.10	
LABOR	DOLS			2.85	0.06	
INTEREST EXPENSE <sup>2</sup>	DOLS			10.11	0.23	
<b>Total Preharvest</b>	DOLS			<b>298.93</b>	<b>6.76</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			6.51	0.15	
REPAIR & MAINTENANCE	DOLS			2.92	0.07	
LABOR	DOLS			1.59	0.04	
HAULING <sup>1</sup>	DOLS			8.84	0.20	
<b>Total Harvest</b>				<b>19.86</b>	<b>0.45</b>	
<b>Total Operating Costs</b>				<b>318.79</b>	<b>7.21</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			29.57	0.67	
GENERAL FARM OVERHEAD	DOLS			10.00	0.23	
REAL ESTATE TAXES	DOLS			5.54	0.13	
<b>Total Property and Ownership Costs</b>	DOLS			<b>45.11</b>	<b>1.02</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>363.90</b>	<b>8.23</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>118.32</b>	<b>2.68</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			120.00	2.71	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>-1.68</b>	<b>-0.04</b>	

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)**

		<b>ALTERNATIVE PRICES</b>					
		\$/BU					
		-25%	-10%		+10%	+25%	
		\$ 8.18	\$ 9.82	\$ 10.91	\$ 12.00	\$ 13.64	
ALTERNATIVE YIELDS	-25%	\$ (92.65)	\$ (38.40)	\$ (2.23)	\$ 33.93	\$ 88.18	
	-10%	\$ (38.40)	\$ 26.70	\$ 70.10	\$ 113.50	\$ 178.60	
	BUSHEL	\$ (2.23)	\$ 70.10	\$ 118.32	\$ 166.55	\$ 238.88	
	+10%	\$ 33.93	\$ 113.50	\$ 166.55	\$ 219.59	\$ 299.16	
	+25%	\$ 88.18	\$ 178.60	\$ 238.88	\$ 299.16	\$ 389.57	