

**Table 10. 2013 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	12.56	35.00	439.60		
<b>TOTAL RECEIPTS</b>				<b>439.60</b>	<b>12.56</b>	
<b>DIRECT COSTS:</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	57.19	1.00	57.19	1.63	
FERTILIZER	DOLS	11.24	1.00	11.24	0.32	
HERBICIDE	DOLS	32.93	1.00	32.93	0.94	
IRRIGATION ENERGY	DOLS	56.63	1.00	56.63	1.62	
IRRIGATION REPAIR	DOLS	10.24	1.00	10.24	0.29	
CROP INSURANCE	DOLS	49.00	1.00	49.00	1.40	
CUSTOM APPLICATION	DOLS	7.00	2.00	14.00	0.40	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.23	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	2.00	
FUEL	DOLS			10.62	0.30	
REPAIR & MAINTENANCE	DOLS			4.51	0.13	
LABOR	DOLS			2.97	0.08	
INTEREST EXPENSE <sup>2</sup>	DOLS			11.46	0.33	
<b>Total Preharvest</b>	DOLS			<b>338.79</b>	<b>9.68</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			5.93	0.17	
REPAIR & MAINTENANCE	DOLS			2.99	0.09	
LABOR	DOLS			1.66	0.05	
HAULING <sup>1</sup>	DOLS			7.00	0.20	
<b>Total Harvest</b>				<b>17.58</b>	<b>0.50</b>	
<b>Total Operating Costs</b>				<b>356.37</b>	<b>10.18</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			31.52	0.90	
GENERAL FARM OVERHEAD	DOLS			10.00	0.29	
REAL ESTATE TAXES	DOLS			5.79	0.17	
<b>Total Property and Ownership Costs</b>	DOLS			<b>47.31</b>	<b>1.35</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>403.68</b>	<b>11.53</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>35.92</b>	<b>1.03</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			162.50	4.64	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>-126.58</b>	<b>-3.62</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>					
		<b>\$/BU</b>					
		<b>-25%</b>	<b>-10%</b>	<b>+10%</b>	<b>+25%</b>		
ALTERNATIVE YIELDS	-25%	26.3	\$ (156.40)	\$ (106.95)	\$ (73.98)	\$ (41.01)	\$ 8.45
	-10%	31.5	\$ (106.95)	\$ (47.60)	\$ (8.04)	\$ 31.53	\$ 90.87
BUSHEL		35.0	\$ (73.98)	\$ (8.04)	\$ 35.92	\$ 79.88	\$ 145.82
	+10%	38.5	\$ (41.01)	\$ 31.53	\$ 79.88	\$ 128.24	\$ 200.77
	+25%	43.8	\$ 8.45	\$ 90.87	\$ 145.82	\$ 200.77	\$ 283.20