

**Table 20. 2011 Estimated Production Costs and Returns - Irrigated Pinto Beans in Northeastern Colorado**

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
<b>GROSS RECEIPTS FROM PRODUCTION:</b>						
PINTO BEANS	CWT	44.00	19.53	859.32		
<b>TOTAL RECEIPTS</b>				<b>859.32</b>	<b>44.00</b>	
<b>Direct Costs</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	46.65	1.00	46.65	2.39	
FERTILIZER	DOLS	141.20	1.00	141.20	7.23	
HERBICIDE	DOLS	34.03	1.00	34.03	1.74	
CUSTOM APPLICATION	DOLS	7.00	1.00	7.00	0.36	
INSECTICIDE	DOLS	7.26	1.00	7.26	0.37	
FUNGICIDE	DOLS	23.32	1.00	23.32	1.19	
IRRIGATION ENERGY	DOLS	48.00	1.00	48.00	2.46	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.51	
CROP INSURANCE	DOLS	21.69	1.00	21.69	1.11	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	3.07	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.41	
CROP CONSULTANT	DOLS	7.00	1.00	7.00	0.36	
FUEL	DOLS			12.19	0.62	
REPAIR & MAINTENANCE	DOLS			5.24	0.27	
LABOR	DOLS			3.50	0.18	
INTEREST EXPENSE <sup>2</sup>	DOLS			15.23	0.78	
<b>Total Preharvest</b>	DOLS			<b>450.31</b>	<b>23.06</b>	
<b>Operating Harvest</b>						
FUEL	DOLS			24.53	1.26	
REPAIR & MAINTENANCE	DOLS			8.31	0.43	
LABOR	DOLS			5.81	0.30	
HAULING <sup>1</sup>	DOLS			4.49	0.23	
<b>Total Harvest</b>				<b>43.14</b>	<b>2.21</b>	
<b>Total Operating Costs</b>				<b>493.45</b>	<b>25.27</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			56.32	2.88	
GENERAL FARM OVERHEAD	DOLS			10.00	0.51	
REAL ESTATE TAXES	DOLS			14.76	0.76	
<b>Total Property and Ownership Costs</b>	DOLS			<b>81.08</b>	<b>4.15</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>574.53</b>	<b>29.42</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>284.79</b>	<b>14.58</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			120.00	6.14	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>164.79</b>	<b>8.44</b>	

1 Hauling Machinery & Labor Charges = \$0.23/CWT

2 Interest on Operating Capital is Included in Pre-Harvest Operating Costs, Calculated at 7%

**BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)**

		<b>ALTERNATIVE PRICES</b>				
		<b>\$/CWT</b>				
		-25%	-10%		+10%	+25%
		\$ 33.00	\$ 39.60	\$ 44.00	\$ 48.40	\$ 55.00
ALTERNATIVE YIELDS	-25%	\$ (91.16)	\$ 5.51	\$ 69.96	\$ 134.41	\$ 231.08
	-10%	\$ 5.51	\$ 121.52	\$ 198.86	\$ 276.20	\$ 392.21
	CWT	\$ 69.96	\$ 198.86	\$ 284.79	\$ 370.72	\$ 499.62
	+10%	\$ 134.41	\$ 276.20	\$ 370.72	\$ 465.25	\$ 607.04
	+25%	\$ 231.08	\$ 392.21	\$ 499.62	\$ 607.04	\$ 768.16