

**Table 13. 2013 Estimated Production Costs and Returns - Irrigated Winter Wheat in South Platte Valley.**

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
<b>GROSS RECEIPTS FROM PRODUCTION:</b>						
HARD RED WINTER WHEAT	BU	6.82	81.00	552.42		
<b>TOTAL RECEIPTS</b>				<b>552.42</b>	<b>6.82</b>	
<b>DIRECT COSTS:</b>						
<b>Operating Preharvest</b>						
SEED	DOLS	22.80	1.00	22.80	0.28	
FERTILIZER	DOLS	73.73	1.00	73.73	0.91	
HERBICIDE (APPLIED)	DOLS	50.59	1.00	50.59	0.62	
IRRIGATION ENERGY	DOLS	30.37	1.00	30.37	0.37	
IRRIGATION REPAIR	DOLS	10.24	1.00	10.24	0.13	
CROP INSURANCE	DOLS	53.00	1.00	53.00	0.65	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.86	
FUEL	DOLS			9.48	0.12	
REPAIR & MAINTENANCE	DOLS			5.11	0.06	
LABOR	DOLS			2.40	0.03	
INTEREST EXPENSE <sup>2</sup>	DOLS			11.47	0.14	
<b>Total Preharvest</b>	DOLS			<b>339.19</b>	<b>4.19</b>	
<b>OPERATING HARVEST:</b>						
FUEL	DOLS			5.34	0.07	
REPAIR & MAINTENANCE	DOLS			3.19	0.04	
LABOR	DOLS			1.62	0.02	
HAULING <sup>1</sup>	DOLS			16.20	0.20	
<b>Total Harvest</b>				<b>26.35</b>	<b>0.33</b>	
<b>Total Operating Costs</b>				<b>365.54</b>	<b>4.51</b>	
<b>Property and Ownership Costs</b>						
MACHINERY OWNERSHIP COSTS	DOLS			33.52	0.41	
GENERAL FARM OVERHEAD	DOLS			10.00	0.12	
REAL ESTATE TAXES	DOLS			11.77	0.15	
<b>Total Property and Ownership Costs</b>	DOLS			<b>55.29</b>	<b>0.68</b>	
<b>TOTAL DIRECT COSTS:</b>				<b>420.83</b>	<b>5.20</b>	
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>131.59</b>	<b>1.62</b>	
<b>FACTOR PAYMENTS</b>						
LAND @ 4.00%	DOLS			162.50	2.01	
<b>RETURN TO MANAGEMENT AND RISK</b>	DOLS			<b>-30.91</b>	<b>-0.38</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>6.82</b>	<b>+10%</b>	<b>+25%</b>
			<b>\$ 5.12</b>	<b>\$ 6.14</b>	<b>\$ 6.82</b>	<b>\$ 7.50</b>	<b>\$ 8.53</b>
ALTERNATIVE YIELDS	-25%	60.8	\$ (110.09)	\$ (47.95)	\$ (6.52)	\$ 34.92	\$ 97.06
	-10%	72.9	\$ (47.95)	\$ 26.63	\$ 76.35	\$ 126.07	\$ 200.64
		81.0	\$ (6.52)	\$ 76.35	\$ 131.59	\$ 186.83	\$ 269.69
	+10%	89.1	\$ 34.92	\$ 126.07	\$ 186.83	\$ 247.60	\$ 338.75
	+25%	101.3	\$ 97.06	\$ 200.64	\$ 269.69	\$ 338.75	\$ 442.33