

Table 9. 2010 Estimated Production Costs and Returns - Irrigated Winter Wheat in Northeastern Colorado.

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
HARD RED WINTER WHEAT	BU	5.60	85.20	477.12		
TOTAL RECEIPTS				477.12	5.60	
DIRECT COSTS:						
Operating Preharvest						
SEED	DOLS	22.81	1.00	22.81	0.27	
FERTILIZER	DOLS	45.72	1.00	45.72	0.54	
IRRIGATION ENERGY	DOLS	42.53	1.00	42.53	0.50	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.12	
CROP INSURANCE	DOLS	22.40	1.00	22.40	0.26	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.70	
FUEL	DOLS			7.19	0.08	
REPAIR & MAINTENANCE	DOLS			4.57	0.05	
LABOR	DOLS			1.89	0.02	
INTEREST EXPENSE ²	DOLS			7.60	0.09	
Total Preharvest	DOLS			224.71	2.64	
Operating Harvest						
FUEL	DOLS			5.87	0.07	
REPAIR & MAINTENANCE	DOLS			3.02	0.04	
LABOR	DOLS			1.57	0.02	
HAULING ¹	DOLS			17.04	0.20	
Total Harvest				27.50	0.32	
Total Operating Costs				252.21	2.96	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			30.00	0.35	
GENERAL FARM OVERHEAD	DOLS			10.00	0.12	
REAL ESTATE TAXES	DOLS			13.11	0.15	
Total Property and Ownership Costs	DOLS			53.11	0.62	
TOTAL DIRECT COSTS:				305.32	3.58	
NET RECEIPTS BEFORE FACTOR PAYMENTS				171.80	2.02	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	1.41	
RETURN TO MANAGEMENT AND RISK	DOLS			51.80	0.61	

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%

3 Capital and Labor Payments are included in Machinery Operating and Ownership Costs.

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

			ALTERNATIVE PRICES				
			\$/BU				
			-25%	-10%	5.60	+10%	+25%
			\$ 4.20	\$ 5.04	\$ 5.60	\$ 6.16	\$ 7.00
ALTERNATIVE YIELDS	-25%	63.9	\$ (36.94)	\$ 16.74	\$ 52.52	\$ 88.31	\$ 141.98
	-10%	76.7	\$ 16.74	\$ 81.15	\$ 124.09	\$ 167.03	\$ 231.44
		85.2	\$ 52.52	\$ 124.09	\$ 171.80	\$ 219.51	\$ 291.08
	+10%	93.7	\$ 88.31	\$ 167.03	\$ 219.51	\$ 272.00	\$ 350.72
	+25%	106.5	\$ 141.98	\$ 231.44	\$ 291.08	\$ 350.72	\$ 440.18