

Table 13. 2010 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
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	18.00	1.00	18.00	0.21	
FERTILIZER	DOLS	54.81	1.00	54.81	0.64	
HERBICIDE (APPLIED)	DOLS	45.81	1.00	45.81	0.54	
IRRIGATION ENERGY	DOLS	29.71	1.00	29.71	0.35	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.12	
CROP INSURANCE	DOLS	24.76	1.00	24.76	0.29	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.70	
FUEL	DOLS			5.64	0.07	
REPAIR & MAINTENANCE	DOLS			4.75	0.06	
LABOR	DOLS			2.27	0.03	
INTEREST EXPENSE ²	DOLS			8.95	0.11	
Total Preharvest	DOLS			264.70	3.11	
OPERATING HARVEST:						
FUEL	DOLS			4.31	0.05	
REPAIR & MAINTENANCE	DOLS			2.97	0.03	
LABOR	DOLS			1.53	0.02	
HAULING ¹	DOLS			17.04	0.20	
Total Harvest				25.85	0.30	
Total Operating Costs				290.55	3.41	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			31.14	0.37	
GENERAL FARM OVERHEAD	DOLS			10.00	0.12	
REAL ESTATE TAXES	DOLS			10.00	0.12	
Total Property and Ownership Costs	DOLS			51.14	0.60	
TOTAL DIRECT COSTS:				341.69	4.01	
NET RECEIPTS BEFORE FACTOR PAYMENTS				135.43	1.59	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	1.41	
RETURN TO MANAGEMENT AND RISK	DOLS			15.43	0.18	

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)

				ALTERNATIVE PRICES								
				\$/BU								
				-25%	-10%	+	+10%	+25%				
				\$	\$	\$	\$	\$				
ALTERNATIVE YIELDS	-25%	63.9	\$	(73.31)	\$	(19.64)	\$	16.15	\$	51.93	\$	105.61
	-10%	76.7	\$	(19.64)	\$	44.78	\$	87.72	\$	130.66	\$	195.07
BUSHEL		85.2	\$	16.15	\$	87.72	\$	135.43	\$	183.14	\$	254.71
	+10%	93.7	\$	51.93	\$	130.66	\$	183.14	\$	235.62	\$	314.35
	+25%	106.5	\$	105.61	\$	195.07	\$	254.71	\$	314.35	\$	403.81