

2010 Estimated Production Costs and Returns - Irrigated Corn for Grain in Western Colorado

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
CORN	BU	5.25	200.00	1050.00		
TOTAL RECEIPTS				1050.00	5.25	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	60.00	1.00	60.00	0.30	
FERTILIZER	DOLS	140.00	1.00	140.00	0.70	
HERBICIDE (APPLIED)	DOLS	31.02	1.00	31.02	0.16	
INSECTICIDE	DOLS	13.12	1.00	13.12	0.07	
IRRIGATION WATER	DOLS	25.00	1.00	25.00	0.13	
IRRIGATION LABOR	DOLS	53.00	1.00	53.00	0.27	
CROP INSURANCE	DOLS	27.21	1.00	27.21	0.14	
CUSTOM APPLICATION	DOLS	12.00	1.00	12.00	0.06	
CUSTOM AERIAL SPRAY	DOLS	10.00	1.00	10.00	0.05	
CROP CONSULTANT	DOLS	6.00	1.00	6.00	0.03	
FUEL	DOLS			9.91	0.05	
REPAIR & MAINTENANCE	DOLS			6.98	0.03	
LABOR	DOLS			7.63	0.04	
INTEREST EXPENSE ²	DOLS			14.07	0.07	
Total Preharvest	DOLS			415.94	2.08	
Operating Harvest						
FUEL	DOLS			3.74	0.02	
REPAIR & MAINTENANCE	DOLS			4.67	0.02	
LABOR	DOLS			1.50	0.01	
HAULING ¹	DOLS			34.00	0.17	
Total Harvest				43.91	0.22	
Total Operating Costs				459.85	2.30	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			48.55	0.24	
GENERAL FARM OVERHEAD	DOLS			15.00	0.08	
REAL ESTATE TAXES	DOLS			11.64	0.06	
Total Property and Ownership Costs	DOLS			75.19	0.38	
TOTAL DIRECT COSTS				535.04	2.68	
NET RECEIPTS BEFORE FACTOR PAYMENTS				514.96	2.57	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	0.26	
RETURN TO MANAGEMENT AND RISK	DOLS			462.96	2.31	

¹ Hauling Machinery & Labor Charges = \$0.17/Bushel

² Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 8%

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

		ALTERNATIVE PRICES					
		\$/BU					
		-25%	-10%		+10%	+25%	
		\$ 3.94	\$ 4.73	\$ 5.25	\$ 5.78	\$ 6.56	
ALTERNATIVE YIELDS	-25%	150.0	\$ 55.59	\$ 173.71	\$ 252.46	\$ 331.21	\$ 449.34
	-10%	180.0	\$ 173.71	\$ 315.46	\$ 409.96	\$ 504.46	\$ 646.21
BUSHEL		200.0	\$ 252.46	\$ 409.96	\$ 514.96	\$ 619.96	\$ 777.46
	+10%	220.0	\$ 331.21	\$ 504.46	\$ 619.96	\$ 735.46	\$ 908.71
	+25%	250.0	\$ 449.34	\$ 646.21	\$ 777.46	\$ 908.71	\$ 1,105.59