

Table 11. 2010 Estimated Production Costs and Returns - Irrigated Corn 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						
CORN	BU	5.25	202.10	1061.03		
TOTAL RECEIPTS				1061.03	5.25	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	48.47	1.00	48.47	0.24	
FERTILIZER	DOLS	118.38	1.00	118.38	0.59	
HERBICIDE	DOLS	71.53	1.00	71.53	0.35	
INSECTICIDE	DOLS	20.65	1.00	20.65	0.10	
IRRIGATION ENERGY	DOLS	49.52	1.00	49.52	0.25	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.05	
CROP INSURANCE	DOLS	29.86	1.00	29.86	0.15	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.30	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.04	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.04	
FUEL	DOLS			14.09	0.07	
REPAIR & MAINTENANCE	DOLS			9.16	0.05	
LABOR	DOLS			5.69	0.03	
INTEREST EXPENSE ²	DOLS			15.67	0.08	
Total Preharvest	DOLS			469.02	2.32	
Operating Harvest						
FUEL	DOLS			5.87	0.03	
REPAIR & MAINTENANCE	DOLS			5.06	0.03	
LABOR	DOLS			1.57	0.01	
HAULING ¹	DOLS			40.42	0.20	
Total Harvest				52.92	0.26	
Total Operating Costs				521.94	2.58	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			51.04	0.25	
GENERAL FARM OVERHEAD	DOLS			10.00	0.05	
REAL ESTATE TAXES	DOLS			11.26	0.06	
Total Property and Ownership Costs	DOLS			72.30	0.36	
TOTAL DIRECT COSTS				594.24	2.94	
NET RECEIPTS BEFORE FACTOR PAYMENTS				466.79	2.31	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	0.59	
RETURN TO MANAGEMENT AND RISK	DOLS			346.79	1.72	

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%				
		\$ 3.94	\$ 4.73	\$ 5.25	\$ 5.78	\$ 6.56				
ALTERNATIVE YIELDS	-25%	151.6	\$ 2.59	\$ 121.95	\$ 201.53	\$ 281.11	\$ 400.47			
	-10%	181.9	\$ 121.95	\$ 265.19	\$ 360.68	\$ 456.18	\$ 599.42			
BUSHEL		202.1	\$ 201.53	\$ 360.68	\$ 466.79	\$ 572.89	\$ 732.04			
	+10%	222.3	\$ 281.11	\$ 456.18	\$ 572.89	\$ 689.60	\$ 864.67			
	+25%	252.6	\$ 400.47	\$ 599.42	\$ 732.04	\$ 864.67	\$ 1,063.61			