

Table 11. 2009 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	3.85	162.00	623.70		
TOTAL RECEIPTS				623.70	3.85	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	51.88	1.00	51.88	0.32	
FERTILIZER	DOLS	194.13	1.00	194.13	1.20	
HERBICIDE	DOLS	75.80	1.00	75.80	0.47	
INSECTICIDE	DOLS	20.83	1.00	20.83	0.13	
IRRIGATION ENERGY	DOLS	49.52	1.00	49.52	0.31	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.06	
CROP INSURANCE	DOLS	28.55	1.00	28.55	0.18	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.37	
CUSTOM AERIAL SPRAY	DOLS	8.05	1.00	8.05	0.05	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.05	
FUEL	DOLS			11.07	0.07	
REPAIR & MAINTENANCE	DOLS			9.01	0.06	
LABOR	DOLS			5.59	0.03	
INTEREST EXPENSE ²	DOLS			19.76	0.12	
Total Preharvest	DOLS			552.19	3.41	
Operating Harvest						
FUEL	DOLS			4.61	0.03	
REPAIR & MAINTENANCE	DOLS			4.98	0.03	
LABOR	DOLS			1.54	0.01	
HAULING ¹	DOLS			32.40	0.20	
Total Harvest				43.53	0.27	
Total Operating Costs				595.72	3.68	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			50.53	0.31	
GENERAL FARM OVERHEAD	DOLS			10.00	0.06	
REAL ESTATE TAXES	DOLS			10.00	0.06	
Total Property and Ownership Costs	DOLS			70.53	0.44	
TOTAL DIRECT COSTS				666.25	4.11	
NET RECEIPTS BEFORE FACTOR PAYMENTS				-42.55	-0.26	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			52.00	0.32	
RETURN TO MANAGEMENT AND RISK	DOLS			-94.55	-0.58	

1 Hauling Machinery & Labor Charges = \$0.20/Bushel

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7.5%

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

		ALTERNATIVE PRICES				
		\$/BU				
		-25%	-10%		+10%	+25%
		\$ 2.89	\$ 3.47	\$ 3.85	\$ 4.24	\$ 4.81
ALTERNATIVE YIELDS	-25%	121.5	145.8	162.0	178.2	202.5
	-10%	145.8	162.0	178.2	191.34	202.5
BUSHEL	+10%	162.0	178.2	191.34	202.5	
	+25%	178.2	191.34	202.5		
		\$(315.42)	\$(245.25)	\$(198.47)	\$(151.69)	\$(81.53)
		\$(245.25)	\$(161.05)	\$(104.92)	\$(48.78)	35.42
		\$(198.47)	\$(104.92)	\$(42.55)	19.82	113.38
		\$(151.69)	\$(48.78)	19.82	88.43	191.34
		\$(81.53)	35.42	113.38	191.34	308.28