

Table 27. 2011 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	6.20	187.00	1159.40		
TOTAL RECEIPTS				1159.40	6.20	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	57.34	1.00	57.34	0.31	
FERTILIZER	DOLS	157.98	1.00	157.98	0.84	
HERBICIDE	DOLS	70.46	1.00	70.46	0.38	
INSECTICIDE	DOLS	21.41	1.00	21.41	0.11	
IRRIGATION ENERGY	DOLS	51.75	1.00	51.75	0.28	
IRRIGATION REPAIR	DOLS	10.00	1.00	10.00	0.05	
CROP INSURANCE	DOLS	28.55	1.00	28.55	0.15	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.32	
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			19.15	0.10	
REPAIR & MAINTENANCE	DOLS			9.62	0.05	
LABOR	DOLS			5.77	0.03	
INTEREST EXPENSE ²	DOLS			17.58	0.09	
Total Preharvest	DOLS			525.61	2.81	
Operating Harvest						
FUEL	DOLS			7.98	0.04	
REPAIR & MAINTENANCE	DOLS			5.31	0.03	
LABOR	DOLS			1.59	0.01	
HAULING ¹	DOLS			37.40	0.20	
Total Harvest				52.28	0.28	
Total Operating Costs				577.89	3.09	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			51.55	0.28	
GENERAL FARM OVERHEAD	DOLS			10.00	0.05	
REAL ESTATE TAXES	DOLS			12.68	0.07	
Total Property and Ownership Costs	DOLS			74.23	0.40	
TOTAL DIRECT COSTS				652.12	3.49	
NET RECEIPTS BEFORE FACTOR PAYMENTS				507.28	2.71	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			120.00	0.64	
RETURN TO MANAGEMENT AND RISK	DOLS			387.28	2.07	

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%	
		\$ 4.65	\$ 5.58	\$ 6.20	\$ 6.82	\$ 7.75	
ALTERNATIVE YIELDS	-25%	140.3	\$ 0.04	\$ 130.48	\$ 217.43	\$ 304.39	\$ 434.82
	-10%	168.3	\$ 130.48	\$ 286.99	\$ 391.34	\$ 495.69	\$ 652.21
BUSHEL		187.0	\$ 217.43	\$ 391.34	\$ 507.28	\$ 623.22	\$ 797.13
	+10%	205.7	\$ 304.39	\$ 495.69	\$ 623.22	\$ 750.75	\$ 942.06
	+25%	233.8	\$ 434.82	\$ 652.21	\$ 797.13	\$ 942.06	\$ 1,159.44