

Table 11. 2012 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	6.80	176.40	1199.52		
TOTAL RECEIPTS				1199.52	6.80	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	61.37	1.00	61.37	0.35	
FERTILIZER	DOLS	161.38	1.00	161.38	0.91	
HERBICIDE	DOLS	73.72	1.00	73.72	0.42	
INSECTICIDE	DOLS	22.56	1.00	22.56	0.13	
IRRIGATION ENERGY	DOLS	64.07	1.00	64.07	0.36	
IRRIGATION REPAIR	DOLS	10.24	1.00	10.24	0.06	
CROP INSURANCE	DOLS	52.00	1.00	52.00	0.29	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.40	
CUSTOM AERIAL SPRAY	DOLS	8.00	1.00	8.00	0.05	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.05	
FUEL	DOLS			20.06	0.11	
REPAIR & MAINTENANCE	DOLS			9.85	0.06	
LABOR	DOLS			6.01	0.03	
INTEREST EXPENSE ²	DOLS			19.64	0.11	
Total Preharvest	DOLS			586.90	3.33	
Operating Harvest						
FUEL	DOLS			8.34	0.05	
REPAIR & MAINTENANCE	DOLS			5.44	0.03	
LABOR	DOLS			1.66	0.01	
HAULING ¹	DOLS			35.28	0.20	
Total Harvest				50.72	0.29	
Total Operating Costs				637.62	3.61	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			54.94	0.31	
GENERAL FARM OVERHEAD	DOLS			10.00	0.06	
REAL ESTATE TAXES	DOLS			13.25	0.08	
Total Property and Ownership Costs	DOLS			78.19	0.44	
TOTAL DIRECT COSTS				715.81	4.06	
NET RECEIPTS BEFORE FACTOR PAYMENTS				483.71	2.74	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			162.50	0.92	
RETURN TO MANAGEMENT AND RISK	DOLS			321.21	1.82	

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%	
		\$ 5.10	\$ 6.12	\$ 6.80	\$ 7.48	\$ 8.50	
ALTERNATIVE YIELDS	-25%	132.3	\$ (41.08)	\$ 93.86	\$ 183.83	\$ 273.79	\$ 408.74
	-10%	158.8	\$ 93.86	\$ 255.80	\$ 363.75	\$ 471.71	\$ 633.65
BUSHEL		176.4	\$ 183.83	\$ 363.75	\$ 483.71	\$ 603.66	\$ 783.59
	+10%	194.0	\$ 273.79	\$ 471.71	\$ 603.66	\$ 735.61	\$ 933.53
	+25%	220.5	\$ 408.74	\$ 633.65	\$ 783.59	\$ 933.53	\$ 1,158.44