

2006 Estimated Production Costs and Returns - Irrigated Corn 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	3.25	183.00	594.75		
TOTAL RECEIPTS				594.75	3.25	
DIRECT COSTS						
Operating Preharvest						
NITROGEN	LBS	0.26	100	25.91	0.14	
PHOSPHATE	LBS	0.37	104	38.54	0.21	
INSECTICIDE	ACRE	11.50	1.00	11.50	0.06	
SEED	ACRE	43.64	1.00	43.64	0.24	
HERBICIDE	ACRE	21.05	1.00	21.05	0.12	
CUSTOM APPLICATION	ACRE	5.00	2.00	10.00	0.05	
IRRIGATION WATER	ACRE	1.00	25.00	25.00	0.14	
IRRIGATION LABOR	HR.	7.00	7.00	49.00	0.27	
CUSTOM AERIAL SPRAY	ACRE	8.00	1.00	8.00	0.04	
FUEL	DOLS			15.21	0.08	
REPAIR & MAINTENANCE	DOLS			9.26	0.05	
LABOR	DOLS			9.01	0.05	
INTEREST EXPENSE ²	DOLS			6.66	0.04	
Total Preharvest	DOLS			272.78	1.49	
Operating Harvest						
FUEL	DOLS			2.53	0.01	
REPAIR & MAINTENANCE	DOLS			1.09	0.01	
LABOR	DOLS			0.85	0.00	
HAULING ¹	DOLS			25.62	0.14	
Total Harvest				30.09	0.16	
Total Operating Costs				302.87	1.66	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			42.24	0.23	
GENERAL FARM OVERHEAD	DOLS			20.00	0.11	
Total Property and Ownership Costs	DOLS			62.24	0.34	
TOTAL DIRECT COSTS				365.11	2.00	
NET RECEIPTS BEFORE FACTOR PAYMENTS				229.64	1.25	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			32.00	0.17	
RETURN TO MANAGEMENT AND RISK	DOLS			197.64	1.08	

1 Hauling Machinery & Labor Charges = \$0.14/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%	
		\$ 2.44	\$ 2.93	\$ 3.25	\$ 3.58	\$ 4.06	
ALTERNATIVE YIELDS	-25%	137.3	\$ (30.56)	\$ 36.35	\$ 80.95	\$ 125.56	\$ 192.47
	-10%	164.7	\$ 36.35	\$ 116.64	\$ 170.17	\$ 223.69	\$ 303.99
BUSHEL		183.0	\$ 80.95	\$ 170.17	\$ 229.64	\$ 289.12	\$ 378.33
	+10%	201.3	\$ 125.56	\$ 223.69	\$ 289.12	\$ 354.54	\$ 452.67
	+25%	228.8	\$ 192.47	\$ 303.99	\$ 378.33	\$ 452.67	\$ 564.19