



South Platte Valley - Irrigated Corn

Estimated Production Costs & Returns

2015

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per BU	YOUR FARM
CORN	BU	\$3.70	260.0	\$962	\$3.70	
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	
Total Receipts				\$962	\$3.70	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per BU	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	61.37	1.00	61.37	0.24	
FERTILIZER	DOLS	104.06	1.00	104.06	0.40	
HERBICIDE	DOLS	73.72	1.00	73.72	0.28	
INSECTICIDE	DOLS	22.56	1.00	22.56	0.09	
IRRIGATION ENERGY	DOLS	55.40	1.00	55.40	0.21	
IRRIGATION REPAIRS	DOLS	11.26	1.00	11.26	0.04	
CROP INSURANCE	DOLS	52.00	1.00	52.00	0.20	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.27	
CUSTOM APPLICATION	DOLS	8.00	1.00	8.00	0.03	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.03	
FUEL & OIL	DOLS	12.18	1.00	12.18	0.05	
REPAIR & MAINTENANCE	DOLS	9.85	1.00	9.85	0.04	
LABOR	DOLS	6.01	1.00	6.01	0.02	
INTEREST EXPENSE ²	DOLS	17.09	1.00	17.09	0.07	
Total Pre-Harvest Expenses				511.50	1.97	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	5.06	1.00	5.06	0.02	
REPAIR & MAINTENANCE	DOLS	5.44	1.00	5.44	0.02	
LABOR	DOLS	1.66	1.00	1.66	0.01	
HAULING ¹	DOLS	33.63	1.00	33.63	0.13	
Total Harvest Costs				45.79	0.18	
Total Operating Costs				557.29	2.14	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
MACHINERY OWNERSHIP COSTS	DOLS	54.94	1.00	54.94	0.21	
GENERAL FARM OVERHEAD	DOLS	10.00	1.00	10.00	0.04	
REAL ESTATE TAXES	DOLS	13.25	1.00	13.25	0.05	
Total Property & Ownership Costs				78.19	0.30	\$0
Total Direct Costs				635.48	2.44	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				326.52	1.26	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4%				200.00	0.77	
RETURN TO MANAGEMENT & RISK				126.52	0.49	\$0

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

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 YIELDS		ALTERNATIVE PRICES				
		\$/BU				
		-25%	-10%	\$3.70	+10%	+25%
		\$ 2.78	\$ 3.33	\$ 3.70	\$ 4.07	\$ 4.63
-25%	195.00	(\$94.35)	\$13.87	\$86.02	\$158.17	\$266.40
-10%	234.00	\$13.87	\$143.74	\$230.32	\$316.90	\$446.77
BUSHEL	260.00	\$86.02	\$230.32	\$326.52	\$422.72	\$567.02
+10%	286.00	\$158.17	\$316.90	\$422.72	\$528.54	\$687.27
+25%	325.00	\$266.40	\$446.77	\$567.02	\$687.27	\$867.65