



Western Colorado - Irrigated Grain Corn

2015

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER BU	YOUR FARM
Corn	bu	\$3.70	190	\$703	\$3.70	
Total Receipts				\$703		\$0

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER BU	YOUR FARM
OPERATING PREHARVEST						
Tillage						
Disk	acre	16.00	2	32.00	0.17	
Plow	acre	19.00	1	19.00	0.10	
Level	acre	11.00	1	11.00	0.06	
Seed (certified)	dollars	130.00	1	130.00	0.68	
Fertilizer						
Nitrogen	dollars	0.34	70	23.91	0.13	
Phosphorus	dollars	0.31	60	18.75	0.10	
Potash	dollars	0.32	50	16.13	0.08	
Herbicide	dollars	16.00	1	16.00	0.08	
Custom Application	acre	10.00	1	10.00	0.05	
Insecticide	dollars	32.00	1	32.00	0.17	
Custom Application	acre	10.00	1	10.00	0.05	
Irrigation						
Water Assessment	dollars	8.56	1	8.56	0.05	
Labor	dollars	30.00	1	30.00	0.16	
Crop Insurance	dollars	28.00	1	28.00	0.15	
Fuel	dollars	14.00	1	14.00	0.07	
Repairs & Maintenance	dollars	5.32	1	5.32	0.03	
Interest Expense (6 months @ 6%)	dollars	12.14	1	12.14	0.06	
Total Pre-Harvest Expenses				\$416.80	\$2.19	\$0.00
HARVEST COSTS						
Custom Harvest	bu	0.25	188.30	47.08	0.25	
Hauling	bu	0.25	188.30	47.08	0.25	
Total Harvest Costs				\$94.15	\$0.50	\$0.00
Total Operating Costs				\$510.95	\$2.69	\$0.00
PROPERTY & OWNERSHIP COSTS						
General Farm Overhead	dollars	45.00	1	45.00	0.24	
Depreciation	dollars	10.00	1	10.00	0.05	
Real Estate Taxes	dollars	19.30	1	19.30	0.10	
Total Property & Ownership Costs				\$74.30	\$0.39	\$0.00
TOTAL DIRECT COSTS				\$585.25	\$3.08	\$0.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$117.75	\$0.62	\$0.00
FACTOR PAYMENTS						
Land (\$5,000 @ 4%)				200.00	1.05	
RETURN TO MANAGEMENT & RISK				(\$82.25)	(\$0.43)	\$0.00

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

ALTERNATIVE YIELDS	ALTERNATIVE PRICES (\$/ton)			
	-25%	-10%	10%	25%
-25% 142.5	(\$189.81)	(\$110.72)	(\$58.00)	(\$5.27)
	\$2.78	\$3.33	\$3.70	\$4.07
				\$4.63
				\$73.81