



Western Colorado - Irrigated Corn Silage

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER TON
Corn	ton	\$45.00	28.5	\$1,283	\$45.00
Total Receipts				\$1,283	

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER TON
OPERATING PREHARVEST					
Tillage					
Disk	acre	16.00	2	32.00	1.12
Plow	acre	19.00	1	19.00	0.67
Level	acre	11.00	1	11.00	0.39
Seed (certified)	dollars	130.00	1	130.00	4.56
Fertilizer				0.00	
Nitrogen	acre	0.34	70	23.91	0.84
Phosphorus	acre	0.31	60	18.75	0.66
Potash	acre	0.32	50	16.13	0.57
Herbicide	dollars	16.00	1	16.00	0.56
Custom Application	acre	10.00	1	10.00	0.35
Insecticide	dollars	32.00	1	32.00	1.12
Custom Application	acre	10.00	1	10.00	0.35
Irrigation				0.00	
Water Assessment	dollars	8.56	1	8.56	0.30
Labor	dollars	30.00	1	30.00	1.05
Crop Insurance	acre	28.00	1	28.00	0.98
Fuel	dollars	14.00	1	14.00	0.49
Repairs & Maintenance	dollars	5.32	1	5.32	0.19
Interest Expense (6 months @ 6%)	dollars	12.14	1	12.14	0.43
Total Pre-Harvest Expenses				\$416.80	\$14.62
HARVEST COSTS					
Custom Harvest	acre	150.00	1.00	150.00	5.26
Total Harvest Costs				\$150.00	\$5.26
Total Operating Costs				\$566.80	\$19.89
PROPERTY & OWNERSHIP COSTS					
General Farm Overhead	dollars	45.00	1	45.00	1.58
Depreciation	dollars	10.00	1	10.00	0.35

Real Estate Taxes	dollars	19.30	1	19.30	0.68
Total Property & Ownership Costs				\$74.30	\$2.61
TOTAL DIRECT COSTS				\$641.10	\$22.49
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$641.40	\$22.51
FACTOR PAYMENTS					
Land (\$5,000 @ 4%)				200.00	7.02
RETURN TO MANAGEMENT & RISK				\$441.40	\$15.49

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES (\$/ton)			
		-25%	-10%	\$45.00	10%
		\$33.75	\$40.50	\$45.00	\$49.50
-25%	21.4	\$80.31	\$224.59	\$320.78	\$416.96
-10%	25.7	\$224.59	\$397.73	\$513.15	\$628.58
TONS PER ACRE	28.5	\$320.78	\$513.15	\$641.40	\$769.65
10%	31.4	\$416.96	\$628.58	\$769.65	\$910.73
25%	35.6	\$561.24	\$801.71	\$962.03	\$1,122.34



2015

YOUR FARM

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\$0

YOUR FARM

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\$0.00

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\$0.00

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\$0.00

\$0.00

\$0.00

\$0.00

\$0.00



25%

\$56.25

\$561.24

\$801.71

\$962.03

\$1,122.34

\$1,362.81