

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Corn - GMO Seed, Conventional Till-12 Row, Dryland, 100 bu. Yield Goal - 500 Acres
Coastal Bend Extension District - 11

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Corn	100.00	Bushel	\$3.80	\$380.00	\$190,000.00	
Total Revenue				\$380.00	\$190,000.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Atrazine 4L	2	Pint	\$1.56	\$3.13	\$1,562.50	
Glyphosate (Generic)	3	Quart	\$4.00	\$12.00	\$6,000.00	
2, 4D Amine	1	Pint	\$1.88	\$1.88	\$937.50	
Corn PreEmerge Herbicide	2.1	Quart	\$10.20	\$21.42	\$10,710.00	
Corn PostEmerge Herbicide	4.7	Ounce	\$5.00	\$23.50	\$11,750.00	
Seed						
Corn	22	Thousand	\$3.20	\$70.40	\$35,200.00	
Fertilizer						
24-8-0 ⁰	0.25	Ton	\$235.30	\$58.83	\$29,412.50	
Custom						
Custom Grain Haul	57	CWT	\$0.30	\$17.10	\$8,550.00	
Miscellaneous						
Crop Insurance -Corn	1	Acre	\$18.50	\$18.50	\$9,250.00	
G&A Overhead	1	Acre	\$10.50	\$10.50	\$5,250.00	
Insecticide						
Cutworm Control	1.25	Ounce	\$0.70	\$0.88	\$437.50	
Other Chemicals						
Crop Oil	0.5	Pint	\$1.50	\$0.75	\$375.00	
Other Labor						
Hand Labor	0.21	Hour	\$16.00	\$3.36	\$1,680.00	
Machinery Labor						
Tractors/Self-Propelled	0.85	Hour	\$19.50	\$16.58	\$8,287.50	
Diesel Fuel						
Tractors/Self-Propelled	9.53	Gallon	\$2.10	\$20.01	\$10,006.50	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$22.20	\$22.20	\$11,099.80	
Implements	1	Acre	\$17.66	\$17.66	\$8,830.81	
Interest on Credit Line			4.25%	\$6.97	\$3,484.84	
Total Variable Costs				\$325.65	\$162,824.45	
Planned Returns Above Variable Costs:				\$54.35	\$27,175.55	
Breakeven Price to Cover Variable Costs			\$3.26	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$23.11	\$23.11	\$11,554.59	
Implements	1	Acre	\$20.49	\$20.49	\$10,243.61	
Equipment Investment						
Tractors/Self-Propelled	\$176.98	Dollars	7.00%	\$12.39	\$6,194.43	
Implements	\$119.37	Dollars	7.00%	\$8.36	\$4,177.90	
Management Fee, Owner/Operator Labor						
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00	
Total Fixed Costs				\$168.34	\$84,170.53	
Total Specified Costs				\$493.99	\$246,994.97	
Returns Above Specified Costs				(\$113.99)	(\$56,994.97)	
Breakeven Price to Cover Total Costs			\$4.94	Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$4.34	\$6.59
90%	90.00	\$3.62	\$5.49
100%	100.00	\$3.26	\$4.94
110%	110.00	\$2.96	\$4.49
125%	125.00	\$2.61	\$3.95

Developed by Extension Economists, Texas A&M AgriLife Extension Service.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.