

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 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				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Corn		100.00	Bushel	\$3.90	\$390.00	\$195,000.00
Total Revenue					\$390.00	\$195,000.00
VARIABLE COSTS						
Production Costs						
Herbicide						
2, 4D Amine		1	Pint	\$1.52	\$1.52	\$760.00
Atrazine 4L		2	Pint	\$1.47	\$2.94	\$1,470.00
Corn PreEmerge Herbicide		2.1	Quart	\$11.00	\$23.10	\$11,550.00
Corn PostEmerge Herbicide		4.7	Ounce	\$5.00	\$23.50	\$11,750.00
Glyphosate (Generic)		3	Quart	\$4.00	\$12.00	\$6,000.00
Seed						
Corn		22	Thousand	\$3.37	\$74.14	\$37,070.00
Fertilizer						
24-8-0'		0.25	Ton	\$341.00	\$85.25	\$42,625.00
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	\$2.50	\$1.25	\$625.00
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		9.28	Gallon	\$2.10	\$19.49	\$9,744.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$22.17	\$22.17	\$11,087.20
Implements		1	Acre	\$18.97	\$18.97	\$9,484.41
Interest on Credit Line				4.25%	\$7.86	\$3,927.74
Total Variable Costs					\$359.10	\$179,548.35
Planned Returns Above Variable Costs:					\$30.90	\$15,451.65
Breakeven Price to Cover Variable Costs				\$3.59	Bushel	
FIXED COSTS						
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$22.99	\$22.99	\$11,495.80
Implements		1	Acre	\$22.26	\$22.26	\$11,128.94
Equipment Investment						
Tractors/Self-Propelled		\$176.11	Dollars	7.00%	\$12.33	\$6,163.86
Implements		\$121.70	Dollars	7.00%	\$8.52	\$4,259.61
Management Fee, Owner/Operator Labor		1	Acre	\$19.50	\$19.50	\$9,750.00
UCB - Land Charge		1	Acre	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs					\$170.60	\$85,298.21
Total Specified Costs					\$529.69	\$264,846.56
Returns Above Specified Costs					(\$139.69)	(\$69,846.56)
Breakeven Price to Cover Total Costs				\$5.30	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	75.00	\$4.79	\$7.06
90%	90.00	\$3.99	\$5.89
100%	100.00	\$3.59	\$5.30
110%	110.00	\$3.26	\$4.82
125%	125.00	\$2.87	\$4.24

Developed by Levi Russell, Assistant Professor and Extension Economist, 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.