

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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 (Upper Coast)

Crop Acres		500				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Corn		100.00	Bushel	\$4.40	\$440.00	\$220,000.00
Total Revenue					\$440.00	\$220,000.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Corn		22	Thousand	\$3.19	\$70.18	\$35,090.00
Fertilizer						
24-8-0 UC		0.25	Ton	\$382.18	\$95.55	\$47,772.50
Herbicide						
Glyphosate (gal.)		0.1875	Gallon	\$16.01	\$3.00	\$1,500.94
2, 4D Amine		1	Pint	\$2.16	\$2.16	\$1,080.00
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Atrazine 4L		2	Pint	\$1.67	\$3.34	\$1,670.00
Corn PreEmerge Herbicide		1	Quart	\$10.82	\$10.82	\$5,410.00
Glyphosate (gal.)		0.0313	Gallon	\$16.01	\$0.50	\$250.56
Corn PostEmerge Herbicide		2.35	Ounce	\$4.12	\$9.68	\$4,841.00
Insecticide						
Cutworm Control		1.25	Ounce	\$0.52	\$0.65	\$325.00
Other Chemicals						
Crop Oil		0.5	Pint	\$1.88	\$0.94	\$470.00
Surfactant		0.015	Pint	\$1.61	\$0.02	\$12.08
Miscellaneous						
Crop Insurance -Corn		1	Acre	\$10.50	\$10.50	\$5,250.00
G&A Overhead		1	Acre	\$10.50	\$10.50	\$5,250.00
Custom						
Custom Grain Haul		57	CWT	\$0.30	\$17.10	\$8,550.00
Other Labor						
Hand Labor		0.21	Hour	\$7.50	\$1.58	\$787.50
Machinery Labor						
Tractors/Self-Propelled		0.55	Hour	\$13.75	\$7.56	\$3,781.25
Diesel Fuel						
Tractors/Self-Propelled		5.8	Gallon	\$3.30	\$19.14	\$9,570.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$6.86	\$6.86	\$3,431.69
Implements		1	Acre	\$2.40	\$2.40	\$1,200.31
Interest on Credit Line				5.00%	\$7.13	\$3,566.02
Total Variable Costs					\$281.78	\$140,888.84
Planned Returns Above Variable Costs:					\$158.22	\$79,111.16
Breakeven Price to Cover Variable Costs				\$2.82	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$13.81	\$13.81	\$6,905.19
Implements		1	Acre	\$4.38	\$4.38	\$2,191.79
Equipment Investment						
Tractors/Self-Propelled		\$161.00	Dollars	7.00%	\$11.27	\$5,635.05
Implements		\$76.21	Dollars	7.00%	\$5.33	\$2,667.21
Management Fee, Ownwer/Operator Labor		1	Acre	\$22.00	\$22.00	\$11,000.00
UCB - Land Charge		1	Acre	\$75.00	\$75.00	\$37,500.00
Total Fixed Costs					\$131.80	\$65,899.24
Total Specified Costs					\$413.58	\$206,788.08
Returns Above Specified Costs					\$26.42	\$13,211.92
Breakeven Price to Cover Total Costs				\$4.14	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	75.00	\$3.76	\$3.76	\$5.51	\$5.51	\$0.00
90%	90.00	\$3.13	\$3.13	\$4.60	\$4.60	\$0.00
100%	100.00	\$2.82	\$2.82	\$4.14	\$4.14	\$0.00
110%	110.00	\$2.56	\$2.56	\$3.76	\$3.76	\$0.00
125%	125.00	\$2.25	\$2.25	\$3.31	\$3.31	\$0.00

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.