

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Corn - GMO Seed, Conventional Till-12 Row, Dryland, 100 bu. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		500				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Corn		100.00	Bushel	\$3.60	\$360.00	\$180,000.00
Total Revenue					\$360.00	\$180,000.00
VARIABLE COSTS						
Production Costs						
Herbicide						
	Glyphosate (Generic)	2	Quart	\$3.38	\$6.76	\$3,380.00
	2, 4D Amine	1	Pint	\$2.07	\$2.07	\$1,035.00
	Atrazine 4L	2	Quart	\$3.00	\$6.00	\$3,000.00
	Corn PreEmerge Herbicide	2.1	Quart	\$9.62	\$20.20	\$10,101.00
	Corn PostEmerge Herbicide	1	Quart	\$16.24	\$16.24	\$8,120.00
Seed						
	Corn	25	Thousand	\$3.30	\$82.50	\$41,250.00
Fertilizer						
	24-8-0 ⁰	0.25	Ton	\$264.00	\$66.00	\$33,000.00
Custom						
	Custom Grain Haul	57	CWT	\$0.35	\$19.95	\$9,975.00
Miscellaneous						
	Crop Insurance -Corn	1	Acre	\$8.39	\$8.39	\$4,195.00
	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	\$1.85	\$0.93	\$462.50
Other Labor						
	Hand Labor	0.21	Hour	\$16.00	\$3.36	\$1,680.00
Machinery Labor						
	Tractors/Self-Propelled	0.67	Hour	\$19.50	\$13.07	\$6,532.50
Diesel Fuel						
	Tractors/Self-Propelled	8.09	Gallon	\$2.20	\$17.80	\$8,899.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$24.32	\$24.32	\$12,161.88
	Implements	1	Acre	\$19.17	\$19.17	\$9,587.28
Interest on Credit Line						
				6.00%	\$9.93	\$4,967.06
Total Variable Costs					\$328.07	\$164,033.72
Planned Returns Above Variable Costs:					\$31.93	\$15,966.28
Breakeven Price to Cover Variable Costs				\$3.28	Bushel	
FIXED COSTS						
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$26.38	\$26.38	\$13,191.42
	Implements	1	Acre	\$22.24	\$22.24	\$11,118.15
Equipment Investment						
	Tractors/Self-Propelled	\$201.68	Dollars	6.00%	\$12.10	\$6,050.27
	Implements	\$130.17	Dollars	6.00%	\$7.81	\$3,905.12
Management Fee, Owner/Operator Labor						
	UCB - Land Charge	1	Acre	\$18.00	\$18.00	\$9,000.00
	UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs					\$171.53	\$85,764.95
Total Specified Costs					\$499.60	\$249,798.67
Returns Above Specified Costs					(\$139.60)	(\$69,798.67)
Breakeven Price to Cover Total Costs				\$5.00	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	75.00	\$4.37	\$6.66
90%	90.00	\$3.65	\$5.55
100%	100.00	\$3.28	\$5.00
110%	110.00	\$2.98	\$4.54
125%	125.00	\$2.62	\$4.00

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.