

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Soybeans - GMO Seed, Conventional Till-12 Row, Dryland, 30 bu. Yield Goal - 500 Acres
Coastal Bend Extension District - 11

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans	30.00	Bushel	\$9.00	\$270.00	\$135,000.00
Total Revenue				\$270.00	\$135,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosate	4	Quart	\$5.25	\$21.00	\$10,500.00
2, 4D Amine`	1	Pint	\$1.45	\$1.45	\$725.00
Soybean PreEmerge Herbicide	1	Pint	\$9.65	\$9.65	\$4,825.00
Seed					
Roundup Ready Soybean Seed	1	Bag	\$60.00	\$60.00	\$30,000.00
Inoculants	1	Bag	\$1.33	\$1.33	\$666.65
Custom					
Scout Soybeans	1	Acre	\$5.00	\$5.00	\$2,500.00
Custom Grain Haul	18	CWT	\$0.30	\$5.40	\$2,700.00
Miscellaneous					
Crop Insurance -Soybeans	1	Acre	\$26.25	\$26.25	\$13,125.00
G&A Overhead	1	Acre	\$10.50	\$10.50	\$5,250.00
Insecticide					
Stinkbug Control Soybeans	1.5	Pound	\$5.19	\$7.79	\$3,892.50
Other Chemicals					
Surfactant	0.0417	Pint	\$1.09	\$0.05	\$22.73
Desiccant/Defoliant	1	Ounce	\$0.74	\$0.74	\$370.00
Other Labor					
Hand Labor	0.22	Hour	\$16.00	\$3.52	\$1,760.00
Machinery Labor					
Tractors/Self-Propelled	0.69	Hour	\$19.50	\$13.46	\$6,727.50
Diesel Fuel					
Tractors/Self-Propelled	8.33	Gallon	\$2.10	\$17.49	\$8,746.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$20.83	\$20.83	\$10,414.38
Implements	1	Acre	\$12.37	\$12.37	\$6,183.89
Interest on Credit Line			4.25%	\$4.49	\$2,242.86
Total Variable Costs				\$221.30	\$110,652.00
Planned Returns Above Variable Costs:				\$48.70	\$24,348.00
Breakeven Price to Cover Variable Costs			\$7.38	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$24.12	\$24.12	\$12,059.05
Implements	1	Acre	\$15.05	\$15.05	\$7,522.89
Equipment Investment					
Tractors/Self-Propelled	\$182.93	Dollars	7.00%	\$12.80	\$6,402.40
Implements	\$81.71	Dollars	7.00%	\$5.72	\$2,859.70
Management Fee, Owner/Operator Labor	1	Acre	\$13.50	\$13.50	\$6,750.00
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs				\$156.19	\$78,094.04
Total Specified Costs				\$377.49	\$188,746.04
Returns Above Specified Costs				(\$107.49)	(\$53,746.04)
Breakeven Price to Cover Total Costs			\$12.58	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	22.50	\$9.84	\$16.78
90%	27.00	\$8.20	\$13.98
100%	30.00	\$7.38	\$12.58
110%	33.00	\$6.71	\$11.44
125%	37.50	\$5.90	\$10.07

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.