

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 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	\$8.05	\$241.50	\$120,750.00
Total Revenue				\$241.50	\$120,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Soybean PreEmerge Herbicide	1	Pint	\$10.25	\$10.25	\$5,125.00
2, 4D Amine`	1	Pint	\$1.52	\$1.52	\$760.00
Glyphosate	4	Quart	\$5.50	\$22.00	\$11,000.00
Seed					
Roundup Ready Soybean Seed	1	Bag	\$55.00	\$55.00	\$27,500.00
Inoculants	1	Bag	\$6.00	\$6.00	\$3,000.00
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	\$5.75	\$8.63	\$4,312.50
Other Chemicals					
Surfactant	0.0417	Pint	\$1.61	\$0.07	\$33.57
Desiccant/Defoliant	1	Ounce	\$0.82	\$0.82	\$410.00
Other Labor					
Hand Labor	0.22	Hour	\$16.00	\$3.52	\$1,760.00
Machinery Labor					
Tractors/Self-Propelled	0.68	Hour	\$19.50	\$13.26	\$6,630.00
Diesel Fuel					
Tractors/Self-Propelled	7.6	Gallon	\$2.10	\$15.96	\$7,980.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$20.75	\$20.75	\$10,376.58
Implements	1	Acre	\$12.63	\$12.63	\$6,316.59
Interest on Credit Line			4.25%	\$4.47	\$2,235.98
Total Variable Costs				\$222.03	\$111,015.22
Planned Returns Above Variable Costs:				\$19.47	\$9,734.78
Breakeven Price to Cover Variable Costs			\$7.40	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$23.77	\$23.77	\$11,882.67
Implements	1	Acre	\$15.40	\$15.40	\$7,700.13
Equipment Investment					
Tractors/Self-Propelled	\$180.31	Dollars	7.00%	\$12.62	\$6,310.69
Implements	\$81.27	Dollars	7.00%	\$5.69	\$2,844.51
Management Fee, Owner/Operator Labor	1	Acre	\$12.08	\$12.08	\$6,037.50
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs				\$154.55	\$77,275.49
Total Specified Costs				\$376.58	\$188,290.71
Returns Above Specified Costs				(\$135.08)	(\$67,540.71)
Breakeven Price to Cover Total Costs			\$12.55	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%	22.50	\$9.87	\$16.74
90%	27.00	\$8.22	\$13.95
100%	30.00	\$7.40	\$12.55
110%	33.00	\$6.73	\$11.41
125%	37.50	\$5.92	\$10.04

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.