

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Soybeans - GMO Seed, Conventional Till-12 Row, Dryland, 30 bu. Yield Goal - 500 Acres
Upper Coastal Bend Extension District - 11

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Soybeans	30.00	Bushel	\$9.50	\$285.00	\$285.00	\$142,500.00
Total Revenue				\$285.00	\$285.00	\$142,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Roundup Ready Soybean Seed	1	Bag	\$60.00	\$60.00	\$60.00	\$30,000.00
Inoculants	1	Bag	\$6.00	\$6.00	\$6.00	\$3,000.00
Custom						
Scout Soybeans	1	Acre	\$5.00	\$5.00	\$5.00	\$2,500.00
Custom Grain Haul	18	CWT	\$0.30	\$5.40	\$5.40	\$2,700.00
Miscellaneous						
Crop Insurance -Soybeans	1	Acre	\$18.00	\$18.00	\$18.00	\$9,000.00
G&A Overhead	1	Acre	\$10.50	\$10.50	\$10.50	\$5,250.00
Herbicide						
Glyphosate (gal.)	0.5625	Quart	\$5.13	\$2.89	\$2.89	\$1,442.81
2, 4D Amine	1	Pint	\$1.75	\$1.75	\$1.75	\$875.00
Soybean PreEmerge Herbicide	1	Pint	\$7.50	\$7.50	\$7.50	\$3,750.00
Roundup	0.5	Pint	\$3.66	\$1.83	\$1.83	\$915.00
Insecticide						
Stinkbug Control Soybeans	1.5	Pound	\$5.25	\$7.88	\$7.88	\$3,937.50
Machinery Labor						
Tractors/Self-Propelled	0.68	Hour	\$19.50	\$13.26	\$13.26	\$6,630.00
Diesel Fuel						
Tractors/Self-Propelled	7.6	Gallon	\$3.30	\$25.08	\$25.08	\$12,540.00
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$20.75	\$20.75	\$20.75	\$10,376.58
Implements	1	Acre	\$12.63	\$12.63	\$12.63	\$6,316.59
Interest on Credit Line			5.00%	\$4.26	\$4.26	\$2,129.19
Total Variable Costs				\$202.73	\$202.73	\$101,362.67
Planned Returns Above Variable Costs:				\$82.27	\$82.27	\$41,137.33
Breakeven Price to Cover Variable Costs			\$6.76	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$23.77	\$23.77	\$23.77	\$11,882.67
Implements	1	Acre	\$15.40	\$15.40	\$15.40	\$7,700.13
Equipment Investment						
Tractors/Self-Propelled	\$270.17	Dollars	7.00%	\$18.91	\$18.91	\$9,455.81
Implements	\$141.09	Dollars	7.00%	\$9.88	\$9.88	\$4,938.15
Management Fee, Owner/Operator Labor	1	Acre	\$14.25	\$14.25	\$14.25	\$7,125.00
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$85.00	\$42,500.00
Total Fixed Costs				\$167.20	\$167.20	\$83,601.76
Total Specified Costs				\$369.93	\$369.93	\$184,964.43
Returns Above Specified Costs				(\$84.93)	(\$84.93)	(\$42,464.43)
Breakeven Price to Cover Total Costs			\$12.33	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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	22.50	\$9.01	\$9.01	\$16.44	\$16.44	\$0.00
90%	27.00	\$7.51	\$7.51	\$13.70	\$13.70	\$0.00
100%	30.00	\$6.76	\$6.76	\$12.33	\$12.33	\$0.00
110%	33.00	\$6.14	\$6.14	\$11.21	\$11.21	\$0.00
125%	37.50	\$5.41	\$5.41	\$9.86	\$9.86	\$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.