

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

Crop Acres		500			
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans	30.00	Bushel	\$9.00	\$270.00	\$135,000.00
<b>Total Revenue</b>				<b>\$270.00</b>	<b>\$135,000.00</b>
<b>VARIABLE COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Roundup Ready Soybean Seed	1	Bag	\$49.00	\$49.00	\$24,500.00
Inoculants	1	Bag	\$5.00	\$5.00	\$2,500.00
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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Soybean PreEmerge Herbicide	1	Pint	\$9.65	\$9.65	\$4,825.00
Roundup	0.5	Pint	\$3.66	\$1.83	\$915.00
Insecticide					
Stinkbug Control Soybeans	0.75	Pound	\$6.00	\$4.50	\$2,250.00
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Other Chemicals					
Surfactant	0.0125	Pint	\$1.61	\$0.02	\$10.06
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Surfactant	0.0042	Pint	\$1.61	\$0.01	\$3.38
Desiccant/Defoliant	1	Pint	\$4.06	\$4.06	\$2,030.00
Surfactant	0.0125	Pint	\$1.61	\$0.02	\$10.06
Miscellaneous					
Crop Insurance -Soybeans	1	Acre	\$18.00	\$18.00	\$9,000.00
G&A Overhead	1	Acre	\$10.50	\$10.50	\$5,250.00
Custom					
Scout Soybeans	1	Acre	\$5.00	\$5.00	\$2,500.00
Custom Grain Haul	18	CWT	\$0.30	\$5.40	\$2,700.00
Other Labor					
Hand Labor	0.22	Hour	\$7.50	\$1.65	\$825.00
Machinery Labor					
Tractors/Self-Propelled	0.45	Hour	\$13.75	\$6.19	\$3,093.75
Diesel Fuel					
Tractors/Self-Propelled	4.14	Gallon	\$3.30	\$13.66	\$6,831.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$7.48	\$7.48	\$3,741.03
Implements	1	Acre	\$1.58	\$1.58	\$791.25
Interest on Credit Line			5.00%	\$3.48	\$1,741.26
<b>Total Variable Costs</b>				<b>\$162.72</b>	<b>\$81,359.67</b>
Planned Returns Above Variable Costs:				\$107.28	\$53,640.33
Breakeven Price to Cover Variable Costs			\$5.42	Bushel	
<b>FIXED COSTS</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$13.44	\$13.44	\$6,719.92
Implements	1	Acre	\$2.97	\$2.97	\$1,484.43
Equipment Investment					
Tractors/Self-Propelled	\$153.41	Dollars	7.00%	\$10.74	\$5,369.36
Implements	\$54.15	Dollars	7.00%	\$3.79	\$1,895.22
Management Fee, Owner/Operator Labor	1	Acre	\$13.50	\$13.50	\$6,750.00
UCB - Land Charge	1	Acre	\$75.00	\$75.00	\$37,500.00
<b>Total Fixed Costs</b>				<b>\$119.44</b>	<b>\$59,718.93</b>
<b>Total Specified Costs</b>				<b>\$282.16</b>	<b>\$141,078.61</b>
Returns Above Specified Costs				(\$12.16)	(\$6,078.61)
<b>Breakeven Price to Cover Total Costs</b>			\$9.41	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	\$7.23	\$7.23	\$12.54	\$12.54	\$0.00
90%	27.00	\$6.03	\$6.03	\$10.45	\$10.45	\$0.00
100%	30.00	\$5.42	\$5.42	\$9.41	\$9.41	\$0.00
110%	33.00	\$4.93	\$4.93	\$8.55	\$8.55	\$0.00
125%	37.50	\$4.34	\$4.34	\$7.52	\$7.52	\$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.**