

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Roundup Ready Soybeans - 500 Acres
Southeast Extension District - 9

Crop Acres		500		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Soybeans	22.00	Bushel	\$9.00	\$198.00	\$99,000.00
Total Revenue				\$198.00	\$99,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Ground Fertilizer	1	Acre	\$7.00	\$7.00	\$3,500.00
Air Herbicide	2	Acre	\$9.00	\$18.00	\$9,000.00
Air Insecticide	1	Acre	\$9.00	\$9.00	\$4,500.00
Custom Grain Haul	22	Bushel	\$0.20	\$4.40	\$2,200.00
Drying Soybeans	11	Bushel	\$0.50	\$5.50	\$2,750.00
Fertilizer					
DAP (18-46-0)	100	Pound	\$0.28	\$28.00	\$14,000.00
Potash (0-0-60)	100	Pound	\$0.23	\$23.00	\$11,500.00
Herbicide					
Glyphosphate	2	Quart	\$4.00	\$8.00	\$4,000.00
Classic	0.25	Ounce	\$17.00	\$4.25	\$2,125.00
Ultra Blazer	0.5	Pint	\$10.00	\$5.00	\$2,500.00
Seed					
Seed - Roundup Ready Soybean	1	Bag	\$66.00	\$66.00	\$33,000.00
Insecticide					
Mustang Max	3.2	Ounce	\$1.45	\$4.62	\$2,312.00
Other Chemicals					
Surfactant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	1.39	Hour	\$13.75	\$19.11	\$9,556.25
Diesel Fuel					
Tractors/Self-Propelled	5.53	Gallon	\$2.00	\$11.06	\$5,530.00
Gasoline					
Pickup/General Use Equipment	1	Acre	\$0.95	\$0.95	\$475.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.61	\$0.61	\$306.00
Tractors/Self-Propelled	1	Acre	\$18.48	\$18.48	\$9,240.15
Implements	1	Acre	\$10.22	\$10.22	\$5,111.79
Interest on Credit Line			5.00%	\$4.33	\$2,164.24
Total Variable Costs				\$249.04	\$124,520.43
Planned Returns Above Variable Costs:				(\$51.04)	(\$25,520.43)
Breakeven Price to Cover Variable Costs			\$11.32	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$0.64	\$0.64	\$321.30
Tractors/Self-Propelled	1	Acre	\$17.27	\$17.27	\$8,633.40
Implements	1	Acre	\$11.43	\$11.43	\$5,713.48
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$130.86	Dollars	5.00%	\$6.54	\$3,271.41
Implements	\$52.45	Dollars	5.00%	\$2.62	\$1,311.33
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$59.72	\$29,861.84
Total Specified Costs				\$308.76	\$154,382.28
Returns Above Specified Costs				(\$110.76)	(\$55,382.28)
Breakeven Price to Cover Total Costs			\$14.03	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%	16.50	\$15.09	\$18.71
90%	19.80	\$12.58	\$15.59
100%	22.00	\$11.32	\$14.03
110%	24.20	\$10.29	\$12.76
125%	27.50	\$9.06	\$11.23

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.