

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 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					
Custom Grain Haul	22	Bushel	\$0.20	\$4.40	\$2,200.00
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
Drying Soybeans	11	Bushel	\$0.50	\$5.50	\$2,750.00
Fertilizer					
DAP (18-46-0)	100	Pound	\$0.21	\$21.00	\$10,500.00
Potash (0-0-60)	100	Pound	\$0.13	\$13.00	\$6,500.00
Herbicide					
Glyphosphate	2	Quart	\$2.50	\$5.00	\$2,500.00
Classic	0.25	Ounce	\$17.10	\$4.28	\$2,137.50
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	\$1.13	\$3.63	\$1,812.50
Other Chemicals					
Surfactant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	1.22	Hour	\$13.75	\$16.78	\$8,387.50
Diesel Fuel					
Tractors/Self-Propelled	5.1	Gallon	\$2.00	\$10.20	\$5,100.00
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	\$18.91	\$18.91	\$9,454.16
Implements	1	Acre	\$6.85	\$6.85	\$3,424.21
Interest on Credit Line			5.00%	\$3.80	\$1,898.04
Total Variable Costs				\$221.39	\$110,694.91
Planned Returns Above Variable Costs:				(\$23.39)	(\$11,694.91)
Breakeven Price to Cover Variable Costs			\$10.06	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	\$17.66	\$17.66	\$8,828.44
Implements	1	Acre	\$8.37	\$8.37	\$4,186.55
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$133.79	Dollars	5.00%	\$6.69	\$3,344.77
Implements	\$42.62	Dollars	5.00%	\$2.13	\$1,065.51
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$56.72	\$28,357.51
Total Specified Costs				\$278.10	\$139,052.42
Returns Above Specified Costs				(\$80.10)	(\$40,052.42)
Breakeven Price to Cover Total Costs			\$12.64	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$13.42	\$16.85
90%	19.80	\$11.18	\$14.05
100%	22.00	\$10.06	\$12.64
110%	24.20	\$9.15	\$11.49
125%	27.50	\$8.05	\$10.11

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.