

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Roundup Ready Soybeans
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	\$0.21	\$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
Insecticide					
Mustang Max	3.2	Ounce	\$1.13	\$3.63	\$1,812.50
Seed					
Seed - Roundup Ready Soybean	1	Bag	\$66.00	\$66.00	\$33,000.00
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	\$18.73	\$18.73	\$9,366.10
Implements	1	Acre	\$9.75	\$9.75	\$4,872.89
Interest on Credit Line			5.00%	\$4.23	\$2,112.70
Total Variable Costs				\$224.54	\$112,270.20
Planned Returns Above Variable Costs:				(\$26.54)	(\$13,270.20)
Breakeven Price to Cover Variable Costs			\$10.21	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	\$17.50	\$17.50	\$8,751.59
Implements	1	Acre	\$11.85	\$11.85	\$5,926.11
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$132.65	Dollars	5.00%	\$6.63	\$3,316.26
Implements	\$59.04	Dollars	5.00%	\$2.95	\$1,476.08
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$60.80	\$30,402.26
Total Specified Costs				\$285.34	\$142,672.46
Returns Above Specified Costs				(\$87.34)	(\$43,672.46)
Breakeven Price to Cover Total Costs			\$12.97	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$13.61	\$17.29
90%	19.80	\$11.34	\$14.41
100%	22.00	\$10.21	\$12.97
110%	24.20	\$9.28	\$11.79
125%	27.50	\$8.17	\$10.38

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.