

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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	\$7.50	\$165.00	\$82,500.00
Total Revenue				\$165.00	\$82,500.00
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	\$0.27	\$27.00	\$13,500.00
Potash (0-0-60)	100	Pound	\$0.15	\$15.00	\$7,500.00
Herbicide					
Glyphosphate	2	Quart	\$2.88	\$5.75	\$2,875.00
Classic	0.25	Ounce	\$16.25	\$4.06	\$2,031.25
Ultra Blazer	0.5	Pint	\$9.08	\$4.54	\$2,269.69
Insecticide					
Mustang Max	3.2	Ounce	\$1.19	\$3.80	\$1,900.00
Seed					
Seed - Roundup Ready Soybean	1	Bag	\$72.00	\$72.00	\$36,000.00
Other Chemicals					
Surfactant	1	Acre	\$1.60	\$1.60	\$800.00
Machinery Labor					
Tractors/Self-Propelled	1.22	Hour	\$13.75	\$16.78	\$8,387.50
Diesel Fuel					
Tractors/Self-Propelled	5.1	Gallon	\$2.35	\$11.99	\$5,992.50
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.10	\$1.10	\$550.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.61	\$0.61	\$306.00
Tractors/Self-Propelled	1	Acre	\$20.18	\$20.18	\$10,090.46
Implements	1	Acre	\$10.40	\$10.40	\$5,198.95
Interest on Credit Line			5.00%	\$4.64	\$2,317.78
Total Variable Costs				\$243.34	\$121,669.13
Planned Returns Above Variable Costs:				(\$78.34)	(\$39,169.13)
Breakeven Price to Cover Variable Costs			\$11.06	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	\$18.83	\$18.83	\$9,416.53
Implements	1	Acre	\$12.67	\$12.67	\$6,336.39
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$142.68	Dollars	5.00%	\$7.13	\$3,566.90
Implements	\$62.79	Dollars	5.00%	\$3.14	\$1,569.73
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$63.64	\$31,821.77
Total Specified Costs				\$306.98	\$153,490.90
Returns Above Specified Costs				(\$141.98)	(\$70,990.90)
Breakeven Price to Cover Total Costs			\$13.95	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$14.75	\$18.60
90%	19.80	\$12.29	\$15.50
100%	22.00	\$11.06	\$13.95
110%	24.20	\$10.06	\$12.69
125%	27.50	\$8.85	\$11.16

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.