

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Soybeans**  
**Southeast Extension District - 9**

Crop Acres		500				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans		25.00	Bushel	\$7.50	\$187.50	\$93,750.00
Total Revenue					\$187.50	\$93,750.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
	Ground Fertilizer	1	Acre	\$7.00	\$7.00	\$3,500.00
	Ground Herbicide	1	Acre	\$7.00	\$7.00	\$3,500.00
	Herbicide Application	2	Acre	\$7.00	\$14.00	\$7,000.00
	Air Insecticide	1	Acre	\$9.00	\$9.00	\$4,500.00
	Custom Grain Haul	25	Bushel	\$0.20	\$5.00	\$2,500.00
	Drying Soybeans	12.5	Bushel	\$0.50	\$6.25	\$3,125.00
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						
	Valor SX	2	Ounce	\$4.26	\$8.51	\$4,256.25
	Select Max	20	Ounce	\$0.72	\$14.45	\$7,226.56
	Ultra Blazer	1	Pint	\$9.08	\$9.08	\$4,539.38
Seed						
	Seed - Soybeans	1	Bag	\$46.00	\$46.00	\$23,000.00
Insecticide						
	Mustang Max	3.2	Ounce	\$1.19	\$3.80	\$1,900.00
Other Chemicals						
	Surfactant	1	Acre	\$1.60	\$1.60	\$800.00
Machinery Labor						
	Tractors/Self-Propelled	1.46	Hour	\$13.75	\$20.08	\$10,037.50
Diesel Fuel						
	Tractors/Self-Propelled	5.87	Gallon	\$2.35	\$13.79	\$6,897.25
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	\$21.96	\$21.96	\$10,982.25
	Implements	1	Acre	\$21.97	\$21.97	\$10,987.36
	Interest on Credit Line			5.00%	\$4.88	\$2,442.46
Total Variable Costs					\$258.10	\$129,050.00
Planned Returns Above Variable Costs:					(\$70.60)	(\$35,300.00)
Breakeven Price to Cover Variable Costs				\$10.32	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	\$20.68	\$20.68	\$10,338.04
	Implements	1	Acre	\$28.02	\$28.02	\$14,007.75
Equipment Investment						
	Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
	Tractors/Self-Propelled	\$157.03	Dollars	5.00%	\$7.85	\$3,925.85
	Implements	\$128.42	Dollars	5.00%	\$6.42	\$3,210.54
	Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs					\$84.83	\$42,414.40
Total Specified Costs					\$342.93	\$171,464.41
Returns Above Specified Costs					(\$155.43)	(\$77,714.41)
Breakeven Price to Cover Total Costs				\$13.72	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$13.77	\$18.29
90%	22.50	\$11.47	\$15.24
100%	25.00	\$10.32	\$13.72
110%	27.50	\$9.39	\$12.47
125%	31.25	\$8.26	\$10.97

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.**