

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Soybeans
Southeast Extension District - 9

Crop Acres		500				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Soybeans		25.00	Bushel	\$8.50	\$212.50	\$106,250.00
Total Revenue					\$212.50	\$106,250.00
VARIABLE COSTS						
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	\$20.88	\$20.88	\$10,441.13
Implements		1	Acre	\$19.50	\$19.50	\$9,748.73
Interest on Credit Line						
				5.00%	\$4.80	\$2,397.97
Total Variable Costs					\$254.45	\$127,225.76
Planned Returns Above Variable Costs:					(\$41.95)	(\$20,975.76)
Breakeven Price to Cover Variable Costs				\$10.18	Bushel	
FIXED COSTS						
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$0.64	\$0.64	\$321.30
Tractors/Self-Propelled		1	Acre	\$19.65	\$19.65	\$9,822.73
Implements		1	Acre	\$24.82	\$24.82	\$12,411.48
Equipment Investment						
Pickup/General Use Equipment		\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled		\$149.18	Dollars	5.00%	\$7.46	\$3,729.51
Implements		\$114.73	Dollars	5.00%	\$5.74	\$2,868.32
Cash Rent - Soybeans						
		1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs					\$79.53	\$39,764.26
Total Specified Costs					\$333.98	\$166,990.02
Returns Above Specified Costs					(\$121.48)	(\$60,740.02)
Breakeven Price to Cover Total Costs				\$13.36	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$13.57	\$17.81
90%	22.50	\$11.31	\$14.84
100%	25.00	\$10.18	\$13.36
110%	27.50	\$9.25	\$12.14
125%	31.25	\$8.14	\$10.69

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.