

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Soybeans - 500 Acres
Southeast Extension District - 9

Crop Acres	500				
	Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE					
Soybeans	25.00	Bushel	\$9.00	\$225.00	\$112,500.00
Total Revenue				\$225.00	\$112,500.00
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	\$0.21	\$21.00	\$10,500.00
Potash (0-0-60)	100	Pound	\$0.13	\$13.00	\$6,500.00
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	\$10.00	\$10.00	\$5,000.00
Insecticide					
Mustang Max	3.2	Ounce	\$1.13	\$3.63	\$1,812.50
Seed					
Seed - Soybeans	1	Bag	\$44.00	\$44.00	\$22,000.00
Other Chemicals					
Surfactant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	1.46	Hour	\$13.75	\$20.08	\$10,037.50
Diesel Fuel					
Tractors/Self-Propelled	5.87	Gallon	\$2.00	\$11.74	\$5,870.00
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	\$20.59	\$20.59	\$10,295.66
Implements	1	Acre	\$15.65	\$15.65	\$7,827.34
Interest on Credit Line					
5.00%				\$3.99	\$1,995.33
Total Variable Costs				\$237.95	\$118,977.14
Planned Returns Above Variable Costs:				(\$12.95)	(\$6,477.14)
Breakeven Price to Cover Variable Costs			\$9.52	Bushel	
FIXED COSTS					
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$0.64	\$0.64	\$321.30
Tractors/Self-Propelled	1	Acre	\$19.40	\$19.40	\$9,697.99
Implements	1	Acre	\$20.06	\$20.06	\$10,030.38
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$147.34	Dollars	5.00%	\$7.37	\$3,683.48
Implements	\$92.62	Dollars	5.00%	\$4.63	\$2,315.44
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$73.32	\$36,659.51
Total Specified Costs				\$311.27	\$155,636.65
Returns Above Specified Costs				(\$86.27)	(\$43,136.65)
Breakeven Price to Cover Total Costs			\$12.45	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$12.69	\$16.60
90%	22.50	\$10.58	\$13.83
100%	25.00	\$9.52	\$12.45
110%	27.50	\$8.65	\$11.32
125%	31.25	\$7.61	\$9.96

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.