

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Soybeans - 500 Acres
Southeast Extension District - 9

Crop Acres	500		Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	Total
Soybeans	25.00	Bushel	\$9.00	\$225.00	\$112,500.00
Total Revenue				\$225.00	\$112,500.00
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	\$0.28	\$28.00	\$14,000.00
Potash (0-0-60)	100	Pound	\$0.23	\$23.00	\$11,500.00
Herbicide					
Valor SX	2	Ounce	\$5.94	\$11.88	\$5,937.50
Select Max	20	Ounce	\$0.78	\$15.63	\$7,812.50
Ultra Blazer	1	Pint	\$10.00	\$10.00	\$5,000.00
Seed					
Seed - Soybeans	1	Bag	\$44.00	\$44.00	\$22,000.00
Insecticide					
Mustang Max	3.2	Ounce	\$1.45	\$4.62	\$2,312.00
Other Chemicals					
Surfactant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	1.48	Hour	\$13.75	\$20.35	\$10,175.00
Diesel Fuel					
Tractors/Self-Propelled	5.92	Gallon	\$2.00	\$11.84	\$5,920.00
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	\$19.42	\$19.42	\$9,709.05
Implements	1	Acre	\$14.33	\$14.33	\$7,163.60
Interest on Credit Line			5.00%	\$4.42	\$2,210.35
Total Variable Costs				\$258.79	\$129,396.00
Planned Returns Above Variable Costs:				(\$33.79)	(\$16,896.00)
Breakeven Price to Cover Variable Costs			\$10.35	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	\$18.24	\$18.24	\$9,117.93
Implements	1	Acre	\$18.41	\$18.41	\$9,207.36
Equipment Investment					
Pickup/General Use Equipment	\$4.44	Dollars	5.00%	\$0.22	\$110.93
Tractors/Self-Propelled	\$138.41	Dollars	5.00%	\$6.92	\$3,460.14
Implements	\$82.35	Dollars	5.00%	\$4.12	\$2,058.64
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$69.55	\$34,776.29
Total Specified Costs				\$328.34	\$164,172.29
Returns Above Specified Costs				(\$103.34)	(\$51,672.29)
Breakeven Price to Cover Total Costs			\$13.13	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	18.75	\$13.80	\$17.51
90%	22.50	\$11.50	\$14.59
100%	25.00	\$10.35	\$13.13
110%	27.50	\$9.41	\$11.94
125%	31.25	\$8.28	\$10.51

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.