

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Soybeans - 500 Acres
Southeast Extension District - 9

Crop Acres		500			
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans	25.00	Bushel	\$9.50	\$237.50	\$118,750.00
Total Revenue				\$237.50	\$118,750.00
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
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
Herbicide Application	2	Acre	\$7.00	\$14.00	\$7,000.00
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
Insecticide					
Mustang Max	3.2	Ounce	\$1.45	\$4.62	\$2,312.00
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	1.48	Hour	\$13.75	\$20.35	\$10,175.00
Diesel Fuel					
Tractors/Self-Propelled	5.92	Gallon	\$3.28	\$19.42	\$9,708.80
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.63	\$1.63	\$812.50
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%	\$4.57	\$2,283.19
Total Variable Costs				\$267.19	\$133,595.14
Planned Returns Above Variable Costs:				(\$29.69)	(\$14,845.14)
Breakeven Price to Cover Variable Costs			\$10.69	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	\$7.65	Dollars	5.00%	\$0.38	\$191.25
Tractors/Self-Propelled	\$207.29	Dollars	5.00%	\$10.36	\$5,182.16
Implements	\$146.38	Dollars	5.00%	\$7.32	\$3,659.54
Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs				\$76.36	\$38,179.53
Total Specified Costs				\$343.55	\$171,774.68
Returns Above Specified Costs				(\$106.05)	(\$53,024.68)
Breakeven Price to Cover Total Costs			\$13.74	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	18.75	\$14.25	\$14.25	\$18.32	\$18.32	\$0.00
90%	22.50	\$11.88	\$11.88	\$15.27	\$15.27	\$0.00
100%	25.00	\$10.69	\$10.69	\$13.74	\$13.74	\$0.00
110%	27.50	\$9.72	\$9.72	\$12.49	\$12.49	\$0.00
125%	31.25	\$8.55	\$8.55	\$10.99	\$10.99	\$0.00

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.