

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

Crop Acres		500				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Soybeans		22.00	Bushel	\$9.50	\$209.00	\$104,500.00
Total Revenue					\$209.00	\$104,500.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
	Ground Fertilizer	1	Acre	\$7.00	\$7.00	\$3,500.00
	Air Herbicide	2	Acre	\$9.00	\$18.00	\$9,000.00
	Air Insecticide	1	Acre	\$9.00	\$9.00	\$4,500.00
	Custom Grain Haul	22	Bushel	\$0.20	\$4.40	\$2,200.00
	Drying Soybeans	11	Bushel	\$0.50	\$5.50	\$2,750.00
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						
	Classic	0.25	Ounce	\$17.00	\$4.25	\$2,125.00
	Glyphosphate	2	Quart	\$4.00	\$8.00	\$4,000.00
	Ultra Blazer	0.5	Pint	\$10.00	\$5.00	\$2,500.00
Insecticide						
	Mustang Max	3.2	Ounce	\$1.45	\$4.62	\$2,312.00
Seed						
	Seed - Roundup Ready Soybean	1	Bag	\$66.00	\$66.00	\$33,000.00
Other Chemicals						
	Surfactant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor						
	Tractors/Self-Propelled	1.39	Hour	\$13.75	\$19.11	\$9,556.25
Diesel Fuel						
	Tractors/Self-Propelled	5.53	Gallon	\$3.28	\$18.14	\$9,069.20
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	\$18.48	\$18.48	\$9,240.15
	Implements	1	Acre	\$10.22	\$10.22	\$5,111.79
Interest on Credit Line				5.00%	\$4.46	\$2,232.03
Total Variable Costs					\$256.93	\$128,464.92
Planned Returns Above Variable Costs:					(\$47.93)	(\$23,964.92)
Breakeven Price to Cover Variable Costs				\$11.68	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	\$17.27	\$17.27	\$8,633.40
	Implements	1	Acre	\$11.43	\$11.43	\$5,713.48
Equipment Investment						
	Pickup/General Use Equipment	\$7.65	Dollars	5.00%	\$0.38	\$191.25
	Tractors/Self-Propelled	\$196.35	Dollars	5.00%	\$9.82	\$4,908.64
	Implements	\$92.03	Dollars	5.00%	\$4.60	\$2,300.81
Cash Rent - Soybeans		1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs					\$65.14	\$32,568.87
Total Specified Costs					\$322.07	\$161,033.79
Returns Above Specified Costs					(\$113.07)	(\$56,533.79)
Breakeven Price to Cover Total Costs				\$14.64	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%	16.50	\$15.57	\$15.57	\$19.52	\$19.52	\$0.00
90%	19.80	\$12.98	\$12.98	\$16.27	\$16.27	\$0.00
100%	22.00	\$11.68	\$11.68	\$14.64	\$14.64	\$0.00
110%	24.20	\$10.62	\$10.62	\$13.31	\$13.31	\$0.00
125%	27.50	\$9.34	\$9.34	\$11.71	\$11.71	\$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.