

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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	\$10.50	\$262.50	\$131,250.00
Total Revenue					\$262.50	\$131,250.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Soybeans	80	Pound	\$0.65	\$52.00	\$26,000.00
Fertilizer						
	Nitrogen	7.5	Pound	\$0.55	\$4.13	\$2,062.50
	Phosphate	32.5	Pound	\$0.65	\$21.13	\$10,562.50
	Potash	30	Pound	\$0.46	\$13.80	\$6,900.00
Herbicide						
	Herbicide Soybean	3.5	Pint	\$9.95	\$34.83	\$17,412.50
	Blazer	0.5	Pint	\$10.00	\$5.00	\$2,500.00
Insecticide						
	Mustang Max	6.4	Ounce	\$1.56	\$9.98	\$4,992.00
Other Chemicals						
	Surfactant	1	Acre	\$0.60	\$0.60	\$300.00
Custom						
	Ground Fertilizer	1	Acre	\$4.50	\$4.50	\$2,250.00
	Ground Herbicide	1	Acre	\$3.75	\$3.75	\$1,875.00
	Air Herbicide	0.5	Acre	\$6.00	\$3.00	\$1,500.00
	Air Insecticide	1	Acre	\$5.25	\$5.25	\$2,625.00
	Custom Grain Haul	25	Bushel	\$0.20	\$5.00	\$2,500.00
	Drying Soybeans	12.5	Bushel	\$0.50	\$6.25	\$3,125.00
Machinery Labor						
	Tractors/Self-Propelled	1.61	Hour	\$13.75	\$22.14	\$11,068.75
Diesel Fuel						
	Tractors/Self-Propelled	5.64	Gallon	\$3.28	\$18.50	\$9,249.60
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	\$27.24	\$27.24	\$13,619.77
	Implements	1	Acre	\$13.17	\$13.17	\$6,583.98
	Interest on Credit Line			5.50%	\$5.09	\$2,546.40
Total Variable Costs					\$257.58	\$128,791.49
Planned Returns Above Variable Costs:					\$4.92	\$2,458.51
Breakeven Price to Cover Variable Costs				\$10.30	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	\$34.97	\$34.97	\$17,483.18
	Implements	1	Acre	\$16.90	\$16.90	\$8,448.86
Equipment Investment						
	Pickup/General Use Equipment	\$7.65	Dollars	7.00%	\$0.54	\$267.75
	Tractors/Self-Propelled	\$249.04	Dollars	7.00%	\$17.43	\$8,716.53
	Implements	\$123.54	Dollars	7.00%	\$8.65	\$4,323.93
	Cash Rent - Soybeans	1	Acre	\$21.00	\$21.00	\$10,500.00
Total Fixed Costs					\$100.12	\$50,061.55
Total Specified Costs					\$357.71	\$178,853.04
Returns Above Specified Costs					(\$95.21)	(\$47,603.04)
Breakeven Price to Cover Total Costs				\$14.31	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	\$13.74	\$13.74	\$19.08	\$19.08	\$0.00
90%	22.50	\$11.45	\$11.45	\$15.90	\$15.90	\$0.00
100%	25.00	\$10.30	\$10.30	\$14.31	\$14.31	\$0.00
110%	27.50	\$9.37	\$9.37	\$13.01	\$13.01	\$0.00
125%	31.25	\$8.24	\$8.24	\$11.45	\$11.45	\$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.