

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Soybeans, Roundup Ready, Sprinkler Irrigated (NG) - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Soybeans	60.00	Bushel	\$7.70	\$462.00		\$56,364.00
Total Revenue				\$462.00		\$56,364.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Herbicide and Apply Soybeans	2	Acre	\$11.96	\$23.93		\$2,919.27
Seed						
Seed - Soybeans	1	Bag	\$72.63	\$72.63		\$8,861.30
Innoculant Soybeans	1	Acre	\$7.82	\$7.82		\$953.82
Fertilizer						
Fertilizer (P) - Liquid	45	Pound	\$0.90	\$40.50		\$4,941.00
Custom						
Harvest and Haul - Soybeans	60	Bushel	\$0.68	\$40.69		\$4,964.06
Miscellaneous						
Crop Insurance Soybeans	1	Acre	\$35.66	\$35.66		\$4,350.52
Insecticide						
Insecticide and Apply Soybeans	0.5	Acre	\$8.98	\$4.49		\$547.83
Irrigation						
Energy Cost	14.00	AcreInch	\$3.20	\$44.80		\$5,465.60
Irrigation Labor	0.90	Hour	\$12.16	\$10.89		\$1,329.11
Machinery Labor						
Tractors/Self-Propelled	0.73	Hour	\$11.97	\$8.74		\$1,065.81
Diesel Fuel						
Tractors/Self-Propelled	2.01	Gallon	\$1.97	\$3.96		\$483.08
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.22	\$4.22		\$515.00
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51		\$306.00
Irrigation Equipment	1	Acre	\$56.56	\$56.56		\$6,900.32
Tractors/Self-Propelled	1	Acre	\$3.16	\$3.16		\$384.94
Implements	1	Acre	\$11.38	\$11.38		\$1,388.13
Interest on Credit Line			5.15%	\$6.49		\$791.20
Total Variable Costs				\$378.42		\$46,166.99
Planned Returns Above Variable Costs:				\$83.58		\$10,197.01
Breakeven Price to Cover Variable Costs			\$6.31	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63		\$321.30
Irrigation Equipment	1	Acre	\$22.50	\$22.50		\$2,745.60
Tractors/Self-Propelled	1	Acre	\$3.11	\$3.11		\$379.55
Implements	1	Acre	\$14.57	\$14.57		\$1,777.00
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	5.40%	\$0.98		\$119.80
Irrigation Equipment	\$421.97	Dollars	5.40%	\$22.79		\$2,779.92
Tractors/Self-Propelled	\$24.24	Dollars	5.40%	\$1.31		\$159.67
Implements	\$62.31	Dollars	5.40%	\$3.36		\$410.49
Cash Rent - Soybeans	1	Acre	\$75.00	\$75.00		\$9,150.00
Total Fixed Costs				\$146.26		\$17,843.33
Total Specified Costs				\$524.67		\$64,010.33
Returns Above Specified Costs						(\$62.67) (\$7,646.33)
Breakeven Price to Cover Total Costs			\$8.74	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%	45.00	\$8.41	\$11.66
90%	54.00	\$7.01	\$9.72
100%	60.00	\$6.31	\$8.74
110%	66.00	\$5.73	\$7.95
125%	75.00	\$5.05	\$7.00

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.