

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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	\$10.57	\$634.20	\$634.20	\$77,372.40
Total Revenue				\$634.20	\$634.20	\$77,372.40
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed - Soybeans	1	Bag	\$70.00	\$70.00	\$70.00	\$8,540.00
Innoculant Soybeans	1	Acre	\$7.73	\$7.73	\$7.73	\$942.45
Fertilizer						
Fertilizer (P) - Liquid	45	Pound	\$0.79	\$35.55	\$35.55	\$4,337.10
Herbicide						
Herbicide and Apply Soybeans	1	Acre	\$12.06	\$12.06	\$12.06	\$1,471.02
Herbicide and Apply Soybeans	1	Acre	\$12.06	\$12.06	\$12.06	\$1,471.02
Insecticide						
Insecticide and Apply Soybeans	0.5	Acre	\$9.26	\$4.63	\$4.63	\$564.73
Miscellaneous						
Crop Insurance Soybeans	1	Acre	\$24.29	\$24.29	\$24.29	\$2,963.14
Custom						
Harvest and Haul - Soybeans	60	Bushel	\$0.64	\$38.40	\$38.40	\$4,684.80
Irrigation						
Energy or Water Cost	14.00	AcreInch	\$4.40	\$61.60	\$61.60	\$7,515.20
Irrigation Labor	0.90	Hour	\$11.75	\$10.53	\$10.53	\$1,284.42
Machinery Labor						
Tractors/Self-Propelled	0.89	Hour	\$11.75	\$10.46	\$10.46	\$1,275.82
Diesel Fuel						
Tractors/Self-Propelled	2.33	Gallon	\$3.28	\$7.64	\$7.64	\$932.37
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.66	\$6.66	\$6.66	\$812.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$56.56	\$56.56	\$56.56	\$6,900.32
Tractors/Self-Propelled	1	Acre	\$7.05	\$7.05	\$7.05	\$860.25
Implements	1	Acre	\$17.88	\$17.88	\$17.88	\$2,180.84
Interest on Credit Line			4.75%	\$6.14	\$6.14	\$749.43
Total Variable Costs				\$391.73	\$391.73	\$47,791.40
Planned Returns Above Variable Costs:				\$242.47	\$242.47	\$29,581.00
Breakeven Price to Cover Variable Costs			\$6.53	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$22.50	\$2,745.60
Tractors/Self-Propelled	1	Acre	\$6.82	\$6.82	\$6.82	\$831.52
Implements	1	Acre	\$22.54	\$22.54	\$22.54	\$2,749.40
Equipment Investment						
Pickup/General Use Equipment	\$31.35	Dollars	5.25%	\$1.65	\$1.65	\$200.81
Irrigation Equipment	\$703.28	Dollars	5.25%	\$36.92	\$36.92	\$4,504.50
Tractors/Self-Propelled	\$76.95	Dollars	5.25%	\$4.04	\$4.04	\$492.88
Implements	\$175.28	Dollars	5.25%	\$9.20	\$9.20	\$1,122.67
Cash Rent - Soybeans	1	Acre	\$85.00	\$85.00	\$85.00	\$10,370.00
Total Fixed Costs				\$191.30	\$191.30	\$23,338.67
Total Specified Costs				\$583.03	\$583.03	\$71,130.07
Returns Above Specified Costs				\$51.17	\$51.17	\$6,242.33
Breakeven Price to Cover Total Costs			\$9.72	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%	45.00	\$8.71	\$8.71	\$12.96	\$12.96	\$0.00
90%	54.00	\$7.25	\$7.25	\$10.80	\$10.80	\$0.00
100%	60.00	\$6.53	\$6.53	\$9.72	\$9.72	\$0.00
110%	66.00	\$5.94	\$5.94	\$8.83	\$8.83	\$0.00
125%	75.00	\$5.22	\$5.22	\$7.77	\$7.77	\$0.00

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.