

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Soybeans, RR, Furrow Irrigated (NG) Following Corn or Sorghum - 122 Acres
Panhandle Extension District - 1

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise 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	Enterprise Total
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	16.00	AcreInch	\$3.20	\$51.20	\$6,246.40
Irrigation Labor	2.25	Hour	\$12.16	\$27.33	\$3,334.65
Machinery Labor					
Tractors/Self-Propelled	1.09	Hour	\$11.97	\$13.04	\$1,591.42
Diesel Fuel					
Tractors/Self-Propelled	3.11	Gallon	\$1.97	\$6.13	\$747.46
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	\$63.40	\$63.40	\$7,735.19
Tractors/Self-Propelled	1	Acre	\$5.05	\$5.05	\$615.59
Implements	1	Acre	\$13.08	\$13.08	\$1,596.28
Interest on Credit Line			5.15%	\$6.41	\$781.95
Total Variable Costs				\$418.10	\$51,007.73
Planned Returns Above Variable Costs:				\$43.90	\$5,356.27
Breakeven Price to Cover Variable Costs			\$6.97	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$14.42	\$14.42	\$1,759.40
Tractors/Self-Propelled	1	Acre	\$5.06	\$5.06	\$617.90
Implements	1	Acre	\$16.65	\$16.65	\$2,031.09
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	5.40%	\$0.98	\$119.80
Irrigation Equipment	\$199.24	Dollars	5.40%	\$10.76	\$1,312.61
Tractors/Self-Propelled	\$39.46	Dollars	5.40%	\$2.13	\$259.94
Implements	\$71.22	Dollars	5.40%	\$3.85	\$469.18
Cash Rent - Soybeans	1	Acre	\$75.00	\$75.00	\$9,150.00
Total Fixed Costs				\$131.49	\$16,041.20
Total Specified Costs				\$549.58	\$67,048.94
Returns Above Specified Costs				(\$87.58)	(\$10,684.94)
Breakeven Price to Cover Total Costs			\$9.16	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	\$9.29	\$12.21
90%	54.00	\$7.74	\$10.18
100%	60.00	\$6.97	\$9.16
110%	66.00	\$6.33	\$8.33
125%	75.00	\$5.57	\$7.33

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.