

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Soybeans, RR, Furrow Irrigated (NG) Following Corn or Sorghum - 122 Acres
Panhandle Extension District - 1

Crop Acres		122			
				Total	Enterprise Total
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans	60.00	Bushel	\$8.40	\$504.00	\$61,488.00
Total Revenue				\$504.00	\$61,488.00
VARIABLE COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Herbicide and Apply Soybeans	2	Acre	\$12.05	\$24.10	\$2,940.20
Seed					
Seed - Soybeans	1	Bag	\$73.00	\$73.00	\$8,906.00
Innoculant Soybeans	1	Acre	\$7.85	\$7.85	\$957.70
Fertilizer					
Fertilizer (P) - Liquid	45	Pound	\$0.47	\$21.15	\$2,580.30
Custom					
Harvest and Haul - Soybeans	60	Bushel	\$0.66	\$39.60	\$4,831.20
Miscellaneous					
Crop Insurance Soybeans	1	Acre	\$37.00	\$37.00	\$4,514.00
Insecticide					
Insecticide and Apply Soybeans	0.5	Acre	\$9.00	\$4.50	\$549.00
Irrigation					
Energy Cost	16.00	AcreInch	\$3.60	\$57.60	\$7,027.20
Irrigation Labor	2.25	Hour	\$12.45	\$27.99	\$3,414.49
Machinery Labor					
Tractors/Self-Propelled	1.08	Hour	\$12.25	\$13.23	\$1,614.06
Diesel Fuel					
Tractors/Self-Propelled	3.1	Gallon	\$1.81	\$5.61	\$684.54
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$482.50
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	\$6.02	\$6.02	\$734.25
Implements	1	Acre	\$14.42	\$14.42	\$1,759.67
Interest on Credit Line			5.40%	\$6.49	\$791.94
Total Variable Costs				\$408.43	\$49,828.23
Planned Returns Above Variable Costs:				\$95.57	\$11,659.77
Breakeven Price to Cover Variable Costs			\$6.81	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	\$35.17	\$35.17	\$4,290.65
Tractors/Self-Propelled	1	Acre	\$5.99	\$5.99	\$730.90
Implements	1	Acre	\$18.28	\$18.28	\$2,230.42
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	5.65%	\$1.03	\$125.35
Irrigation Equipment	\$351.39	Dollars	5.65%	\$19.85	\$2,422.16
Tractors/Self-Propelled	\$46.67	Dollars	5.65%	\$2.64	\$321.71
Implements	\$78.21	Dollars	5.65%	\$4.42	\$539.08
Cash Rent - Soybeans	1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs				\$162.01	\$19,765.56
Total Specified Costs				\$570.44	\$69,593.79
Returns Above Specified Costs				(\$66.44)	(\$8,105.79)
Breakeven Price to Cover Total Costs			\$9.51	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$9.08	\$12.68
90%	54.00	\$7.56	\$10.56
100%	60.00	\$6.81	\$9.51
110%	66.00	\$6.19	\$8.64
125%	75.00	\$5.45	\$7.61

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-677-5600.

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.