

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Soybeans, Roundup Ready, Sprinkler Irrigated (NG) - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Soybeans		60.00	Bushel	\$8.40	\$504.00	\$61,488.00
Total Revenue					\$504.00	\$61,488.00
VARIABLE COSTS						
Production Costs						
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
Herbicide						
Herbicide and Apply Soybeans		2	Acre	\$12.05	\$24.10	\$2,940.20
Insecticide						
Insecticide and Apply Soybeans		0.5	Acre	\$9.00	\$4.50	\$549.00
Miscellaneous						
Crop Insurance Soybeans		1	Acre	\$37.00	\$37.00	\$4,514.00
Irrigation						
Energy Cost		14.00	AcreInch	\$3.60	\$50.40	\$6,148.80
Irrigation Labor		0.90	Hour	\$12.45	\$11.16	\$1,360.93
Machinery Labor						
Tractors/Self-Propelled		0.72	Hour	\$12.25	\$8.82	\$1,076.04
Diesel Fuel						
Tractors/Self-Propelled		2	Gallon	\$1.81	\$3.62	\$441.64
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	\$56.56	\$56.56	\$6,900.32
Tractors/Self-Propelled		1	Acre	\$3.86	\$3.86	\$470.43
Implements		1	Acre	\$12.70	\$12.70	\$1,549.37
Interest on Credit Line				5.40%	\$6.47	\$789.32
Total Variable Costs					\$367.24	\$44,803.76
Planned Returns Above Variable Costs:					\$136.76	\$16,684.24
Breakeven Price to Cover Variable Costs				\$6.12	Bushel	
FIXED COSTS						
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment		1	Acre	\$40.42	\$40.42	\$4,931.25
Tractors/Self-Propelled		1	Acre	\$3.76	\$3.76	\$458.29
Implements		1	Acre	\$16.18	\$16.18	\$1,973.92
Equipment Investment						
Pickup/General Use Equipment		\$18.18	Dollars	5.65%	\$1.03	\$125.35
Irrigation Equipment		\$521.00	Dollars	5.65%	\$29.44	\$3,591.28
Tractors/Self-Propelled		\$29.26	Dollars	5.65%	\$1.65	\$201.72
Implements		\$69.21	Dollars	5.65%	\$3.91	\$477.09
Cash Rent - Soybeans		1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs					\$171.02	\$20,864.19
Total Specified Costs					\$538.26	\$65,667.95
Returns Above Specified Costs					(\$34.26)	(\$4,179.95)
Breakeven Price to Cover Total Costs				\$8.97	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$8.16	\$11.96
90%	54.00	\$6.80	\$9.97
100%	60.00	\$6.12	\$8.97
110%	66.00	\$5.56	\$8.16
125%	75.00	\$4.90	\$7.18

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.