

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Soybeans, Roundup Ready, Sprinkler Irrigated (NG)**  
**Panhandle Extension District - 1**

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Soybeans		60.00	Bushel	\$8.80	\$528.00	\$64,416.00
<b>Total Revenue</b>					<b>\$528.00</b>	<b>\$64,416.00</b>
<b>VARIABLE COSTS</b>						
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>						
Seed						
	Seed - Soybeans	1	Bag	\$72.27	\$72.27	\$8,816.94
	Innoculant Soybeans	1	Acre	\$7.77	\$7.77	\$947.94
Fertilizer						
	Fertilizer (P) - Liquid	45	Pound	\$0.47	\$21.15	\$2,580.30
Custom						
	Harvest and Haul - Soybeans	60	Bushel	\$0.68	\$40.80	\$4,977.60
Herbicide						
	Herbicide and Apply Soybeans	2	Acre	\$12.25	\$24.50	\$2,989.00
Insecticide						
	Insecticide and Apply Soybeans	0.5	Acre	\$9.12	\$4.56	\$556.32
Miscellaneous						
	Crop Insurance Soybeans	1	Acre	\$37.00	\$37.00	\$4,514.00
Irrigation						
	Energy Cost	14.00	AcreInch	\$3.50	\$49.00	\$5,978.00
	Irrigation Labor	0.90	Hour	\$12.64	\$11.33	\$1,381.70
Machinery Labor						
	Tractors/Self-Propelled	0.34	Hour	\$12.44	\$4.23	\$516.01
	Other Labor	0.38	Hour	\$12.44	\$4.73	\$576.72
Diesel Fuel						
	Tractors/Self-Propelled	2	Gallon	\$1.99	\$3.98	\$485.56
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$4.30	\$4.30	\$525.00
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	\$3.78	\$3.78	\$461.49
	Implements	1	Acre	\$11.85	\$11.85	\$1,445.92
	Interest on Credit Line			5.74%	\$7.15	\$872.39
<b>Total Variable Costs</b>					<b>\$367.47</b>	<b>\$44,831.21</b>
<b>Planned Returns Above Variable Costs:</b>					<b>\$160.53</b>	<b>\$19,584.79</b>
<b>Breakeven Price to Cover Variable Costs</b>				<b>\$6.12</b>	<b>Bushel</b>	
<b>FIXED COSTS</b>						
		Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$3.70	\$3.70	\$450.96
	Implements	1	Acre	\$15.10	\$15.10	\$1,841.64
Equipment Investment						
	Pickup/General Use Equipment	\$18.18	Dollars	6.01%	\$1.09	\$133.33
	Irrigation Equipment	\$521.00	Dollars	6.01%	\$31.31	\$3,820.11
	Tractors/Self-Propelled	\$28.80	Dollars	6.01%	\$1.73	\$211.14
	Implements	\$64.57	Dollars	6.01%	\$3.88	\$473.48
	Cash Rent - Soybeans	1	Acre	\$72.00	\$72.00	\$8,784.00
<b>Total Fixed Costs</b>					<b>\$171.86</b>	<b>\$20,967.20</b>
<b>Total Specified Costs</b>					<b>\$539.33</b>	<b>\$65,798.41</b>
<b>Returns Above Specified Costs</b>					<b>(\$11.33)</b>	<b>(\$1,382.41)</b>
<b>Breakeven Price to Cover Total Costs</b>				<b>\$8.99</b>	<b>Bushel</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$8.17	\$11.99
90%	54.00	\$6.80	\$9.99
100%	60.00	\$6.12	\$8.99
110%	66.00	\$5.57	\$8.17
125%	75.00	\$4.90	\$7.19

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.**