

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Soybeans, Roundup Ready, Sprinkler Irrigated (NG)**  
**Panhandle Extension District - 1**

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Soybeans	60.00	Bushel	\$8.20	\$492.00	\$60,024.00
<b>Total Revenue</b>				<b>\$492.00</b>	<b>\$60,024.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Seed - Soybeans	1	Bag	\$70.88	\$70.88	\$8,647.36
Innoculant Soybeans	1	Acre	\$7.62	\$7.62	\$929.64
Fertilizer					
Fertilizer (P) - Liquid	50	Pound	\$0.54	\$27.00	\$3,294.00
Custom					
Harvest and Haul - Soybeans	60	Bushel	\$0.68	\$40.80	\$4,977.60
Herbicide					
Herbicide and Apply Soybeans	2	Acre	\$12.51	\$25.02	\$3,052.44
Insecticide					
Insecticide and Apply Soybeans	0.5	Acre	\$9.30	\$4.65	\$567.30
Miscellaneous					
Crop Insurance Soybeans	1	Acre	\$37.00	\$37.00	\$4,514.00
Irrigation					
Energy Cost	14.00	AcreInch	\$3.40	\$47.60	\$5,807.20
Irrigation Labor	0.90	Hour	\$13.24	\$11.86	\$1,447.29
Machinery Labor					
Tractors/Self-Propelled	0.34	Hour	\$13.03	\$4.43	\$540.48
Other Labor	0.38	Hour	\$13.03	\$4.95	\$604.07
Diesel Fuel					
Tractors/Self-Propelled	2	Gallon	\$2.33	\$4.66	\$568.52
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82	\$587.50
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$52.50	\$52.50	\$6,405.00
Tractors/Self-Propelled	1	Acre	\$3.80	\$3.80	\$464.15
Implements	1	Acre	\$12.13	\$12.13	\$1,479.97
Interest on Credit Line			6.04%	\$7.63	\$930.57
<b>Total Variable Costs</b>				<b>\$369.86</b>	<b>\$45,123.10</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$122.14</b>	<b>\$14,900.90</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$6.16</b>	<b>Bushel</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
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	\$3.71	\$3.71	\$452.52
Implements	1	Acre	\$15.47	\$15.47	\$1,886.94
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$18.18	Dollars	6.32%	\$1.15	\$140.21
Irrigation Equipment	\$521.00	Dollars	6.32%	\$32.93	\$4,017.15
Tractors/Self-Propelled	\$28.90	Dollars	6.32%	\$1.83	\$222.80
Implements	\$66.16	Dollars	6.32%	\$4.18	\$510.14
Cash Rent - Soybeans	1	Acre	\$72.00	\$72.00	\$8,784.00
<b>Total Fixed Costs</b>				<b>\$174.31</b>	<b>\$21,266.31</b>
<b>Total Specified Costs</b>				<b>\$544.18</b>	<b>\$66,389.41</b>
<b>Returns Above Specified Costs</b>				<b>(\$52.18)</b>	<b>(\$6,365.41)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$9.07</b>	<b>Bushel</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$8.22	\$12.09
90%	54.00	\$6.85	\$10.08
100%	60.00	\$6.16	\$9.07
110%	66.00	\$5.60	\$8.25
125%	75.00	\$4.93	\$7.26

Developed by DeDe Jones, Extension Risk Management Specialist III, 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.**