

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**Soybeans, RR, Furrow Irrigated (NG) Following Corn or Sorghum - 122 Acres**  
**Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Soybeans	60.00	Bushel	\$10.57	\$634.20	\$634.20	\$77,372.40
<b>Total Revenue</b>				<b>\$634.20</b>	<b>\$634.20</b>	<b>\$77,372.40</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Seed</b>						
Seed - Soybeans	1	Bag	\$70.00	\$70.00	\$70.00	\$8,540.00
Innoculant Soybeans	1	Acre	\$7.73	\$7.73	\$7.73	\$942.45
<b>Fertilizer</b>						
Fertilizer (P) - Liquid	45	Pound	\$0.79	\$35.55	\$35.55	\$4,337.10
<b>Herbicide</b>						
Herbicide and Apply Soybeans	1	Acre	\$12.06	\$12.06	\$12.06	\$1,471.02
Herbicide and Apply Soybeans	1	Acre	\$12.06	\$12.06	\$12.06	\$1,471.02
<b>Insecticide</b>						
Insecticide and Apply Soybeans	0.5	Acre	\$9.26	\$4.63	\$4.63	\$564.73
<b>Miscellaneous</b>						
Crop Insurance Soybeans	1	Acre	\$24.29	\$24.29	\$24.29	\$2,963.14
<b>Custom</b>						
Harvest and Haul - Soybeans	60	Bushel	\$0.64	\$38.40	\$38.40	\$4,684.80
<b>Irrigation</b>						
Energy or Water Cost	16.00	AcreInch	\$4.40	\$70.40	\$70.40	\$8,588.80
Irrigation Labor	2.25	Hour	\$11.75	\$26.41	\$26.41	\$3,222.51
<b>Machinery Labor</b>						
Tractors/Self-Propelled	1.19	Hour	\$11.75	\$13.98	\$13.98	\$1,705.87
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	3.19	Gallon	\$3.28	\$10.46	\$10.46	\$1,276.51
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$6.66	\$6.66	\$6.66	\$812.50
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$63.40	\$63.40	\$63.40	\$7,735.17
Tractors/Self-Propelled	1	Acre	\$9.42	\$9.42	\$9.42	\$1,149.52
Implements	1	Acre	\$19.20	\$19.20	\$19.20	\$2,342.89
Interest on Credit Line			4.75%	\$6.08	\$6.08	\$741.98
<b>Total Variable Costs</b>				<b>\$433.25</b>	<b>\$433.25</b>	<b>\$52,856.00</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$200.95</b>	<b>\$200.95</b>	<b>\$24,516.40</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$7.22</b>	<b>Bushel</b>		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$14.42	\$14.42	\$14.42	\$1,759.40
Tractors/Self-Propelled	1	Acre	\$9.27	\$9.27	\$9.27	\$1,130.43
Implements	1	Acre	\$24.14	\$24.14	\$24.14	\$2,944.53
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$31.35	Dollars	5.25%	\$1.65	\$1.65	\$200.81
Irrigation Equipment	\$379.51	Dollars	5.25%	\$19.92	\$19.92	\$2,430.75
Tractors/Self-Propelled	\$104.61	Dollars	5.25%	\$5.49	\$5.49	\$670.06
Implements	\$187.72	Dollars	5.25%	\$9.86	\$9.86	\$1,202.35
Cash Rent - Soybeans	1	Acre	\$85.00	\$85.00	\$85.00	\$10,370.00
<b>Total Fixed Costs</b>				<b>\$172.37</b>	<b>\$172.37</b>	<b>\$21,029.62</b>
<b>Total Specified Costs</b>				<b>\$605.62</b>	<b>\$605.62</b>	<b>\$73,885.63</b>
<b>Returns Above Specified Costs</b>				<b>\$28.58</b>	<b>\$28.58</b>	<b>\$3,486.77</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$10.09</b>	<b>Bushel</b>		

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	45.00	\$9.63	\$9.63	\$13.46	\$13.46	\$0.00
90%	54.00	\$8.02	\$8.02	\$11.22	\$11.22	\$0.00
100%	60.00	\$7.22	\$7.22	\$10.09	\$10.09	\$0.00
110%	66.00	\$6.56	\$6.56	\$9.18	\$9.18	\$0.00
125%	75.00	\$5.78	\$5.78	\$8.07	\$8.07	\$0.00

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.**