

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Irrigated Soybeans - 122 Acres**  
**South Plains Extension District - 2**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans	40.00	Bushel	\$9.00	\$360.00	\$43,920.00
<b>Total Revenue</b>				<b>\$360.00</b>	<b>\$43,920.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Herbicide and Apply Soybeans	1	Acre	\$18.00	\$18.00	\$2,196.00
Seed					
Seed - Soybeans	60	Pound	\$0.65	\$39.00	\$4,758.00
Seed - Soybeans Tech Fee	60	Pound	\$0.63	\$37.50	\$4,575.00
Innoculant Soybeans	1	Acre	\$7.00	\$7.00	\$854.00
Fertilizer					
Fertilizer (P) - Liquid	45	Pound	\$0.52	\$23.49	\$2,866.10
Custom					
Harvest and Haul - Soybeans	40	Bushel	\$0.50	\$20.00	\$2,440.00
Miscellaneous					
Crop Insurance Soybeans	1	Acre	\$23.00	\$23.00	\$2,806.00
Crop Insurance Hail Soybeans	2	Acre	\$6.00	\$12.00	\$1,464.00
Insecticide					
Insecticide and Apply Soybeans	1	Acre	\$5.12	\$5.12	\$624.64
Irrigation					
Energy Cost	15.00	AcreInch	\$11.00	\$165.00	\$20,130.00
Irrigation Labor	0.90	Hour	\$12.00	\$10.80	\$1,317.60
Machinery Labor					
Tractors/Self-Propelled	1.5	Hour	\$12.00	\$18.00	\$2,196.00
Diesel Fuel					
Tractors/Self-Propelled	3.8	Gallon	\$1.84	\$6.99	\$853.02
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.88	\$3.88	\$472.88
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment	1	Acre	\$26.25	\$26.25	\$3,202.50
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
Implements	1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line			6.00%	\$8.08	\$985.89
<b>Total Variable Costs</b>				<b>\$433.61</b>	<b>\$52,900.63</b>
Planned Returns Above Variable Costs:					
Breakeven Price to Cover Variable Costs			\$10.84	Bushel	
					<b>(\$73.61)</b>
					<b>(\$8,980.63)</b>
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Equipment Fixed Costs</b>					
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00
Management Fee, Owner/Operator Labor	1	Acre	\$30.00	\$30.00	\$3,660.00
Cash Rent - Soybeans	1	Acre	\$100.00	\$100.00	\$12,200.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00
<b>Total Fixed Costs</b>				<b>\$210.25</b>	<b>\$25,650.50</b>
<b>Total Specified Costs</b>				<b>\$643.86</b>	<b>\$78,551.13</b>
Returns Above Specified Costs					<b>(\$283.86)</b>
					<b>(\$34,631.13)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$16.10</b>	Bushel	

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	30.00	\$14.45	\$21.46
90%	36.00	\$12.04	\$17.89
100%	40.00	\$10.84	\$16.10
110%	44.00	\$9.85	\$14.63
125%	50.00	\$8.67	\$12.88

Developed by Jackie Smith, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-746-6101.

**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.**