

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Irrigated Soybeans**  
**South Plains Extension District - 2**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Soybeans	40.00	Bushel	\$9.00	\$360.00	\$360.00	\$43,920.00
<b>Total Revenue</b>				<b>\$360.00</b>		<b>\$43,920.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<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
Innoculant Soybeans	1	Acre	\$7.00	\$7.00		\$854.00
Fertilizer						
Fertilizer (P) - Liquid	45	Pound	\$0.71	\$32.10		\$3,915.66
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	\$10.00	\$150.00		\$18,300.00
Irrigation Labor	1.00	Hour	\$12.00	\$12.00		\$1,464.00
Machinery Labor						
Tractors/Self-Propelled	0.7	Hour	\$12.00	\$8.40		\$1,024.80
Other Labor	0.8	Hour	\$12.00	\$9.60		\$1,171.20
Diesel Fuel						
Tractors/Self-Propelled	3.8	Gallon	\$2.40	\$9.12		\$1,112.64
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.00	\$4.00		\$488.00
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%	\$7.71		\$940.08
<b>Total Variable Costs</b>				<b>\$392.79</b>		<b>\$47,920.52</b>
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$9.82	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<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	\$25.00	\$25.00		\$3,050.00
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>\$205.25</b>		<b>\$25,040.50</b>
<b>Total Specified Costs</b>				<b>\$598.04</b>		<b>\$72,961.02</b>
Returns Above Specified Costs						
<b>Breakeven Price to Cover Total Costs</b>			<b>\$14.95</b>	Bushel		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	30.00	\$13.09	\$19.93
90%	36.00	\$10.91	\$16.61
100%	40.00	\$9.82	\$14.95
110%	44.00	\$8.93	\$13.59
125%	50.00	\$7.86	\$11.96

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.**