

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Irrigated Soybeans**  
**South Plains Extension District - 2**

Crop Acres		122			
REVENUE				Total	Enterprise Total
Soybeans	Quantity	Units	\$/Unit	\$360.00	\$43,920.00
	40.00	Bushel	\$9.00		
Total Revenue				\$360.00	\$43,920.00
VARIABLE COSTS				Total	Enterprise Total
Production Costs					
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	\$0.64	\$28.80	\$3,513.60
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	\$1.90	\$7.22	\$880.84
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.40	\$4.40	\$536.80
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	\$941.02
Total Variable Costs				\$388.00	\$47,336.40
Planned Returns Above Variable Costs:				(\$28.00)	(\$3,416.40)
Breakeven Price to Cover Variable Costs				\$9.70	Bushel
FIXED COSTS				Total	Enterprise Total
Equipment Fixed Costs					
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
Total Fixed Costs				\$205.25	\$25,040.50
Total Specified Costs				\$593.25	\$72,376.90
Returns Above Specified Costs				(\$233.25)	(\$28,456.90)
Breakeven Price to Cover Total Costs				\$14.83	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	30.00	\$12.93	\$19.78
90%	36.00	\$10.78	\$16.48
100%	40.00	\$9.70	\$14.83
110%	44.00	\$8.82	\$13.48
125%	50.00	\$7.76	\$11.87

Developed by Agricultural Economists, 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.**