

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Soybeans
North Texas Extension District - 4

Crop Acres	500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Soybeans	25.00	Bushel	\$7.50	\$187.50	\$93,750.00
Total Revenue				\$187.50	\$93,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Custom Harvest Soybeans	1	Acre	\$19.00	\$19.00	\$9,500.00
Custom Haul Soybeans	25	Bushels	\$0.22	\$5.50	\$2,750.00
Insecticide					
Preplant Insecticide-Soybeans	1	Pint	\$21.56	\$21.56	\$10,780.00
Miscellaneous					
Insurance-Soybeans	1	Acre	\$6.84	\$6.84	\$3,420.00
Seed					
Soybean Seed	60	Pounds	\$0.42	\$25.20	\$12,600.00
Inoculant	1	Acre	\$1.50	\$1.50	\$750.00
Machinery Labor					
Tractors/Self-Propelled	0.93	Hour	\$10.00	\$9.30	\$4,650.00
Diesel Fuel					
Tractors/Self-Propelled	4.49	Gallon	\$2.50	\$11.23	\$5,612.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$6.92	\$6.92	\$3,460.83
Implements	1	Acre	\$23.57	\$23.57	\$11,787.36
Interest on Credit Line			4.75%	\$2.88	\$1,441.93
Total Variable Costs				\$133.51	\$66,752.63
Planned Returns Above Variable Costs:				\$53.99	\$26,997.37
Breakeven Price to Cover Variable Costs			\$5.34	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$6.44	\$6.44	\$3,220.65
Implements	1	Acre	\$27.30	\$27.30	\$13,651.24
Equipment Investment					
Tractors/Self-Propelled	\$50.18	Dollars	6.00%	\$3.01	\$1,505.39
Implements	\$118.72	Dollars	6.00%	\$7.12	\$3,561.65
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00
Total Fixed Costs				\$68.88	\$34,438.93
Total Specified Costs				\$202.38	\$101,191.56
Returns Above Specified Costs				(\$14.88)	(\$7,441.56)
Breakeven Price to Cover Total Costs			\$8.10	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$7.12	\$10.79
90%	22.50	\$5.93	\$8.99
100%	25.00	\$5.34	\$8.10
110%	27.50	\$4.85	\$7.36
125%	31.25	\$4.27	\$6.48

Developed by Blake Bennet, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 972-952-9273.

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.