

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 Estimated Costs and Returns per Acre
Soybeans - 500 Acres
North Texas Extension District - 4

Crop Acres	500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Soybeans	25.00	Bushel	\$10.70	\$267.50	\$133,750.00
Total Revenue				\$267.50	\$133,750.00
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	1.32	Hour	\$10.00	\$13.20	\$6,600.00
Diesel Fuel					
Tractors/Self-Propelled	6.72	Gallon	\$3.50	\$23.52	\$11,760.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$11.15	\$11.15	\$5,573.56
Implements	1	Acre	\$22.20	\$22.20	\$11,101.55
Interest on Credit Line			4.75%	\$3.01	\$1,505.08
Total Variable Costs				\$152.68	\$76,340.19
Planned Returns Above Variable Costs:				\$114.82	\$57,409.81
Breakeven Price to Cover Variable Costs			\$6.11	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$5,367.99
Implements	1	Acre	\$25.69	\$25.69	\$12,843.32
Equipment Investment					
Tractors/Self-Propelled	\$83.64	Dollars	6.00%	\$5.02	\$2,509.10
Implements	\$109.88	Dollars	6.00%	\$6.59	\$3,296.45
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00
Total Fixed Costs				\$73.03	\$36,516.86
Total Specified Costs				\$225.71	\$112,857.05
Returns Above Specified Costs				\$41.79	\$20,892.95
Breakeven Price to Cover Total Costs			\$9.03	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$8.14	\$12.04
90%	22.50	\$6.79	\$10.03
100%	25.00	\$6.11	\$9.03
110%	27.50	\$5.55	\$8.21
125%	31.25	\$4.89	\$7.22

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.