

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 Estimated Costs and Returns per Acre
Soybeans
North Texas Extension District - 4

Crop Acres		500				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Soybeans		25.00	Bushel	\$9.00	\$225.00	\$112,500.00
Total Revenue					\$225.00	\$112,500.00
VARIABLE COSTS						
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	\$2.50	\$16.80	\$8,400.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$10.65	\$10.65	\$5,322.83
Implements		1	Acre	\$22.84	\$22.84	\$11,422.11
Interest on Credit Line				4.75%	\$3.21	\$1,606.85
Total Variable Costs					\$146.30	\$73,151.80
Planned Returns Above Variable Costs:					\$78.70	\$39,348.20
Breakeven Price to Cover Variable Costs				\$5.85	Bushel	
FIXED COSTS						
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$10.27	\$10.27	\$5,133.31
Implements		1	Acre	\$26.36	\$26.36	\$13,180.00
Equipment Investment						
Tractors/Self-Propelled		\$79.98	Dollars	6.00%	\$4.80	\$2,399.41
Implements		\$112.76	Dollars	6.00%	\$6.77	\$3,382.87
Rent-Dryland Crop		1	Acre	\$25.00	\$25.00	\$12,500.00
Total Fixed Costs					\$73.19	\$36,595.58
Total Specified Costs					\$219.49	\$109,747.38
Returns Above Specified Costs					\$5.51	\$2,752.62
Breakeven Price to Cover Total Costs				\$8.78	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$7.80	\$11.71
90%	22.50	\$6.50	\$9.76
100%	25.00	\$5.85	\$8.78
110%	27.50	\$5.32	\$7.98
125%	31.25	\$4.68	\$7.02

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.