

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2016 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
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	\$8.82	\$8.82	\$4,411.33
	Implements	1	Acre	\$16.91	\$16.91	\$8,454.93
	Interest on Credit Line			4.75%	\$2.83	\$1,414.62
Total Variable Costs					\$144.88	\$72,440.87
Planned Returns Above Variable Costs:					\$122.62	\$61,309.13
Breakeven Price to Cover Variable Costs				\$5.80	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$8.59	\$8.59	\$4,294.60
	Implements	1	Acre	\$19.73	\$19.73	\$9,862.85
Equipment Investment						
	Tractors/Self-Propelled	\$66.91	Dollars	6.00%	\$4.01	\$2,007.38
	Implements	\$84.38	Dollars	6.00%	\$5.06	\$2,531.46
	Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00
Total Fixed Costs					\$62.39	\$31,196.29
Total Specified Costs					\$207.27	\$103,637.16
Returns Above Specified Costs					\$60.23	\$30,112.84
Breakeven Price to Cover Total Costs				\$8.29	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	18.75	\$7.73	\$11.05
90%	22.50	\$6.44	\$9.21
100%	25.00	\$5.80	\$8.29
110%	27.50	\$5.27	\$7.54
125%	31.25	\$4.64	\$6.63

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

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.