

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Soybeans - 500 Acres
North Texas Extension District - 4

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Soybeans	25.00	Bushel	\$10.70	\$267.50	\$133,750.00	\$133,750.00
Total Revenue				\$267.50	\$133,750.00	\$133,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Soybean Seed	60	Pounds	\$0.42	\$25.20	\$12,600.00	\$12,600.00
Inoculant	1	Acre	\$1.50	\$1.50	\$750.00	\$750.00
Insecticide						
Preplant Insecticide-Soybeans	1	Pint	\$21.56	\$21.56	\$10,780.00	\$10,780.00
Miscellaneous						
Insurance-Soybeans	1	Acre	\$6.84	\$6.84	\$3,420.00	\$3,420.00
Custom						
Custom Harvest Soybeans	1	Acre	\$19.00	\$19.00	\$9,500.00	\$9,500.00
Custom Haul Soybeans	25	Bushels	\$0.22	\$5.50	\$2,750.00	\$2,750.00
Machinery Labor						
Tractors/Self-Propelled	1.03	Hour	\$10.00	\$10.30	\$5,150.00	\$5,150.00
Diesel Fuel						
Tractors/Self-Propelled	4.13	Gallon	\$3.50	\$14.46	\$7,227.50	\$7,227.50
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$6.98	\$6.98	\$3,491.70	\$3,491.70
Implements	1	Acre	\$10.63	\$10.63	\$5,316.72	\$5,316.72
Interest on Credit Line			4.75%	\$2.41	\$1,203.85	\$1,203.85
Total Variable Costs				\$124.38	\$62,189.77	\$62,189.77
Planned Returns Above Variable Costs:				\$143.12	\$71,560.23	\$71,560.23
Breakeven Price to Cover Variable Costs			\$4.98	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$6.57	\$6.57	\$3,284.41	\$3,284.41
Implements	1	Acre	\$10.86	\$10.86	\$5,429.81	\$5,429.81
Equipment Investment						
Tractors/Self-Propelled	\$74.16	Dollars	6.00%	\$4.45	\$2,224.92	\$2,224.92
Implements	\$84.46	Dollars	6.00%	\$5.07	\$2,533.91	\$2,533.91
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00	\$12,500.00
Total Fixed Costs				\$51.95	\$25,973.04	\$25,973.04
Total Specified Costs				\$176.33	\$88,162.81	\$88,162.81
Returns Above Specified Costs				\$91.17	\$45,587.19	\$45,587.19
Breakeven Price to Cover Total Costs			\$7.05	Bushel		

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	18.75	\$6.63	\$6.63	\$9.40	\$9.40	\$0.00
90%	22.50	\$5.53	\$5.53	\$7.84	\$7.84	\$0.00
100%	25.00	\$4.98	\$4.98	\$7.05	\$7.05	\$0.00
110%	27.50	\$4.52	\$4.52	\$6.41	\$6.41	\$0.00
125%	31.25	\$3.98	\$3.98	\$5.64	\$5.64	\$0.00

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.