

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 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						
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
Insecticide						
Preplant Insecticide-Soybeans	1	Pint	\$21.56	\$21.56	\$10,780.00	\$10,780.00
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
Miscellaneous						
Insurance-Soybeans	1	Acre	\$6.84	\$6.84	\$3,420.00	\$3,420.00
Machinery Labor						
Tractors/Self-Propelled	1.32	Hour	\$10.00	\$13.20	\$6,600.00	\$6,600.00
Diesel Fuel						
Tractors/Self-Propelled	6.72	Gallon	\$3.50	\$23.52	\$11,760.00	\$11,760.00
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$8.82	\$8.82	\$4,411.33	\$4,411.33
Implements	1	Acre	\$16.91	\$16.91	\$8,454.93	\$8,454.93
Interest on Credit Line			4.75%	\$2.83	\$1,414.62	\$1,414.62
Total Variable Costs				\$144.88	\$72,440.87	\$72,440.87
Planned Returns Above Variable Costs:				\$122.62	\$61,309.13	\$61,309.13
Breakeven Price to Cover Variable Costs			\$5.80	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$8.59	\$8.59	\$4,294.60	\$4,294.60
Implements	1	Acre	\$19.73	\$19.73	\$9,862.85	\$9,862.85
Equipment Investment						
Tractors/Self-Propelled	\$96.97	Dollars	6.00%	\$5.82	\$2,909.24	\$2,909.24
Implements	\$153.42	Dollars	6.00%	\$9.21	\$4,602.66	\$4,602.66
Rent-Dryland Crop	1	Acre	\$25.00	\$25.00	\$12,500.00	\$12,500.00
Total Fixed Costs				\$68.34	\$34,169.35	\$34,169.35
Total Specified Costs				\$213.22	\$106,610.23	\$106,610.23
Returns Above Specified Costs				\$54.28	\$27,139.77	\$27,139.77
Breakeven Price to Cover Total Costs			\$8.53	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	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	18.75	\$7.73	\$7.73	\$11.37	\$11.37	\$0.00
90%	22.50	\$6.44	\$6.44	\$9.48	\$9.48	\$0.00
100%	25.00	\$5.80	\$5.80	\$8.53	\$8.53	\$0.00
110%	27.50	\$5.27	\$5.27	\$7.75	\$7.75	\$0.00
125%	31.25	\$4.64	\$4.64	\$6.82	\$6.82	\$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.