

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Soybeans, Roundup Ready, Sprinkler Irrigated (NG) - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Soybeans		60.00	Bushel	\$9.00	\$540.00	\$65,880.00
Total Revenue					\$540.00	\$65,880.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Soybeans	1	Bag	\$72.00	\$72.00	\$8,784.00
	Innoculant Soybeans	1	Acre	\$7.75	\$7.75	\$945.50
Fertilizer						
	Fertilizer (P) - Liquid	45	Pound	\$0.85	\$38.25	\$4,666.50
Custom						
	Harvest and Haul - Soybeans	60	Bushel	\$0.66	\$39.60	\$4,831.20
Miscellaneous						
	Crop Insurance Soybeans	1	Acre	\$24.29	\$24.29	\$2,963.14
Herbicide						
	Herbicide and Apply Soybeans	2	Acre	\$12.30	\$24.60	\$3,001.20
Insecticide						
	Insecticide and Apply Soybeans	0.5	Acre	\$9.40	\$4.70	\$573.40
Irrigation						
	Energy Cost	14.00	AcreInch	\$4.40	\$61.60	\$7,515.20
	Irrigation Labor	0.90	Hour	\$11.75	\$10.53	\$1,284.42
Machinery Labor						
	Tractors/Self-Propelled	0.73	Hour	\$11.75	\$8.58	\$1,046.46
Diesel Fuel						
	Tractors/Self-Propelled	2.01	Gallon	\$3.30	\$6.63	\$809.23
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$6.13	\$6.13	\$747.50
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
	Irrigation Equipment	1	Acre	\$56.56	\$56.56	\$6,900.32
	Tractors/Self-Propelled	1	Acre	\$3.16	\$3.16	\$384.94
	Implements	1	Acre	\$11.38	\$11.38	\$1,388.13
	Interest on Credit Line			4.90%	\$8.06	\$983.05
Total Variable Costs					\$386.31	\$47,130.17
Planned Returns Above Variable Costs:					\$153.69	\$18,749.83
Breakeven Price to Cover Variable Costs				\$6.44	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
	Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60
	Tractors/Self-Propelled	1	Acre	\$3.11	\$3.11	\$379.55
	Implements	1	Acre	\$14.57	\$14.57	\$1,777.00
Equipment Investment						
	Pickup/General Use Equipment	\$31.35	Dollars	5.40%	\$1.69	\$206.55
	Irrigation Equipment	\$703.28	Dollars	5.40%	\$37.98	\$4,633.20
	Tractors/Self-Propelled	\$35.13	Dollars	5.40%	\$1.90	\$231.41
	Implements	\$113.29	Dollars	5.40%	\$6.12	\$746.34
Cash Rent - Soybeans		1	Acre	\$80.75	\$80.75	\$9,851.50
Total Fixed Costs					\$171.25	\$20,892.45
Total Specified Costs					\$557.56	\$68,022.62
Returns Above Specified Costs					(\$17.56)	(\$2,142.62)
Breakeven Price to Cover Total Costs				\$9.29	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%	45.00	\$8.58	\$8.58	\$12.39	\$12.39	\$0.00
90%	54.00	\$7.15	\$7.15	\$10.33	\$10.33	\$0.00
100%	60.00	\$6.44	\$6.44	\$9.29	\$9.29	\$0.00
110%	66.00	\$5.85	\$5.85	\$8.45	\$8.45	\$0.00
125%	75.00	\$5.15	\$5.15	\$7.43	\$7.43	\$0.00

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.