

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Soybeans, RR, Furrow Irrigated (NG) Following Corn or Sorghum - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise 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	16.00	AcreInch	\$4.40	\$70.40	\$8,588.80
	Irrigation Labor	2.25	Hour	\$11.75	\$26.41	\$3,222.51
Machinery Labor						
	Tractors/Self-Propelled	1.09	Hour	\$11.75	\$12.81	\$1,562.52
Diesel Fuel						
	Tractors/Self-Propelled	3.11	Gallon	\$3.30	\$10.26	\$1,252.09
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	\$63.40	\$63.40	\$7,735.17
	Tractors/Self-Propelled	1	Acre	\$5.05	\$5.05	\$615.59
	Implements	1	Acre	\$13.08	\$13.08	\$1,596.28
	Interest on Credit Line			4.90%	\$6.07	\$741.03
Total Variable Costs					\$427.31	\$52,132.42
Planned Returns Above Variable Costs:					\$112.69	\$13,747.58
Breakeven Price to Cover Variable Costs				\$7.12	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	\$14.42	\$14.42	\$1,759.40
	Tractors/Self-Propelled	1	Acre	\$5.06	\$5.06	\$617.90
	Implements	1	Acre	\$16.65	\$16.65	\$2,031.09
Equipment Investment						
	Pickup/General Use Equipment	\$31.35	Dollars	5.40%	\$1.69	\$206.55
	Irrigation Equipment	\$379.51	Dollars	5.40%	\$20.49	\$2,500.20
	Tractors/Self-Propelled	\$57.18	Dollars	5.40%	\$3.09	\$376.72
	Implements	\$129.49	Dollars	5.40%	\$6.99	\$853.06
Cash Rent - Soybeans		1	Acre	\$80.75	\$80.75	\$9,851.50
Total Fixed Costs					\$151.78	\$18,517.71
Total Specified Costs					\$579.10	\$70,650.13
Returns Above Specified Costs					(\$39.10)	(\$4,770.13)
Breakeven Price to Cover Total Costs				\$9.65	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%	45.00	\$9.50	\$9.50	\$12.87	\$12.87	\$0.00
90%	54.00	\$7.91	\$7.91	\$10.72	\$10.72	\$0.00
100%	60.00	\$7.12	\$7.12	\$9.65	\$9.65	\$0.00
110%	66.00	\$6.47	\$6.47	\$8.77	\$8.77	\$0.00
125%	75.00	\$5.70	\$5.70	\$7.72	\$7.72	\$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.