

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Irrigated Soybeans - 122 Acres
South Plains Extension District - 2

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Soybeans		40.00	Bushel	\$9.00	\$360.00	\$43,920.00
Total Revenue					\$360.00	\$43,920.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Soybeans	60	Pound	\$0.65	\$39.00	\$4,758.00
	Innoculant Soybeans	1	Acre	\$7.00	\$7.00	\$854.00
	Seed - Soybeans Tech Fee	60	Pound	\$0.63	\$37.50	\$4,575.00
Fertilizer						
	Fertilizer (P) - Liquid	45	Pound	\$0.74	\$33.08	\$4,035.15
Custom						
	Harvest and Haul - Soybeans	40	Bushel	\$0.50	\$20.00	\$2,440.00
Miscellaneous						
	Crop Insurance Soybeans	1	Acre	\$23.00	\$23.00	\$2,806.00
	Crop Insurance Hail Soybeans	2	Acre	\$6.00	\$12.00	\$1,464.00
Herbicide						
	Herbicide and Apply Soybeans	1	Acre	\$18.00	\$18.00	\$2,196.00
Insecticide						
	Insecticide and Apply Soybeans	1	Acre	\$5.12	\$5.12	\$624.64
Irrigation						
	Energy Cost	15.00	AcreInch	\$9.00	\$135.00	\$16,470.00
	Irrigation Labor	0.90	Hour	\$12.00	\$10.80	\$1,317.60
Machinery Labor						
	Tractors/Self-Propelled	1.5	Hour	\$12.00	\$18.00	\$2,196.00
Diesel Fuel						
	Tractors/Self-Propelled	3.8	Gallon	\$3.00	\$11.40	\$1,390.80
Gasoline						
	Pickup/General Use Equipment	2	Gallon	\$2.25	\$4.50	\$549.00
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
	Irrigation Equipment	1	Acre	\$26.25	\$26.25	\$3,202.50
	Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
	Implements	1	Acre	\$3.00	\$3.00	\$366.00
	Interest on Credit Line			6.00%	\$6.98	\$851.82
Total Variable Costs					\$417.13	\$50,889.51
Planned Returns Above Variable Costs:					(\$57.13)	(\$6,969.51)
Breakeven Price to Cover Variable Costs				\$10.43	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Investment						
	Pickup/General Use Equipment	\$17.89	Dollars	7.00%	\$1.25	\$152.78
	Irrigation Equipment	\$785.72	Dollars	7.00%	\$55.00	\$6,710.01
	Tractors/Self-Propelled	\$171.40	Dollars	7.00%	\$12.00	\$1,463.76
	Implements	\$142.90	Dollars	7.00%	\$10.00	\$1,220.37
Whole Farm Insurance		1	Acre	\$2.00	\$2.00	\$244.00
Cash Rent - Soybeans		1	Acre	\$100.00	\$100.00	\$12,200.00
Total Fixed Costs					\$180.25	\$21,990.91
Total Specified Costs					\$597.38	\$72,880.42
Returns Above Specified Costs					(\$237.38)	(\$28,960.42)
Breakeven Price to Cover Total Costs				\$14.93	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%	30.00	\$13.90	\$13.90	\$19.91	\$19.91	\$0.00
90%	36.00	\$11.59	\$11.59	\$16.59	\$16.59	\$0.00
100%	40.00	\$10.43	\$10.43	\$14.93	\$14.93	\$0.00
110%	44.00	\$9.48	\$9.48	\$13.58	\$13.58	\$0.00
125%	50.00	\$8.34	\$8.34	\$11.95	\$11.95	\$0.00

Developed by Jackie Smith, 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.