

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Soybeans, Pivot Irrigated, Herbicide Tolerant - 122 Acres
South Plains Extension District - 2

Crop Acres		122				Enterprise
		Quantity	Units	\$/Unit	Total	Total
REVENUE						
Soybeans		40.00	Bushel	\$10.00	\$400.00	\$48,800.00
Total Revenue					\$400.00	\$48,800.00
VARIABLE COSTS						
Production Costs						
Seed						
Seed - Soybeans		60	Pound	\$1.25	\$75.00	\$9,150.00
Innoculant Soybeans		1	Acre	\$7.00	\$7.00	\$854.00
Fertilizer						
Fertilizer (P)		45	Pound	\$0.60	\$27.00	\$3,294.00
Herbicide						
Herbicide and Apply Soybeans		1	Acre	\$9.00	\$9.00	\$1,098.00
Herbicide and Apply Soybeans		1	Acre	\$9.00	\$9.00	\$1,098.00
Insecticide						
Insecticide and Apply Soybeans		0.5	Acre	\$10.00	\$5.00	\$610.00
Miscellaneous						
Crop Insurance Soybeans		1	Acre	\$12.00	\$12.00	\$1,464.00
Custom						
Harvest and Haul - Soybeans		40	Bushel	\$0.50	\$20.00	\$2,440.00
Irrigation						
Energy or Water Cost		15.00	AcreInch	\$9.00	\$135.00	\$16,470.00
Irrigation Labor		1.00	Hour	\$11.75	\$11.75	\$1,433.50
Machinery Labor						
Tractors/Self-Propelled		1	Hour	\$11.75	\$11.75	\$1,433.50
Diesel Fuel						
Tractors/Self-Propelled		2.75	Gallon	\$3.20	\$8.80	\$1,073.60
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$1.75	\$1.75	\$213.50
Irrigation Equipment		1	Acre	\$30.00	\$30.00	\$3,660.00
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%	\$6.45	\$787.04
Total Variable Costs					\$378.50	\$46,177.14
Planned Returns Above Variable Costs:					\$21.50	\$2,622.86
Breakeven Price to Cover Variable Costs				\$9.46	Bushel	
FIXED COSTS						
Equipment Investment						
Pickup/General Use Equipment		\$35.78	Dollars	7.00%	\$2.50	\$305.55
Irrigation Equipment		\$714.29	Dollars	7.00%	\$50.00	\$6,100.00
Tractors/Self-Propelled		\$171.43	Dollars	7.00%	\$12.00	\$1,464.00
Implements		\$142.86	Dollars	7.00%	\$10.00	\$1,220.00
Cash Rent - Soybeans		1	Acre	\$100.00	\$100.00	\$12,200.00
Total Fixed Costs					\$174.50	\$21,289.55
Total Specified Costs					\$553.01	\$67,466.69
Returns Above Specified Costs					(\$153.01)	(\$18,666.69)
Breakeven Price to Cover Total Costs				\$13.83	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	\$12.62	\$12.62	\$18.43	\$18.43	\$0.00
90%	36.00	\$10.51	\$10.51	\$15.36	\$15.36	\$0.00
100%	40.00	\$9.46	\$9.46	\$13.83	\$13.83	\$0.00
110%	44.00	\$8.60	\$8.60	\$12.57	\$12.57	\$0.00
125%	50.00	\$7.57	\$7.57	\$11.06	\$11.06	\$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.