

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Sprinkler Irrigated Peanuts - 120 Acres
Rolling Plains Extension District - 3

Crop Acres		120				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Runner Peanuts		2.00	Ton	\$465.00	\$930.00	\$111,600.00
Total Revenue					\$930.00	\$111,600.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
Fungicide Application		2	Acre	\$5.50	\$11.00	\$1,320.00
Drying - Peanut		2	Ton	\$20.00	\$40.00	\$4,800.00
Fertilizer						
Fertilizer (N)		40	Pound	\$0.60	\$24.00	\$2,880.00
Fertilizer (P)		40	Pound	\$0.42	\$16.80	\$2,016.00
Herbicide						
Prowl		1.5	Pint	\$4.75	\$7.13	\$855.00
Valor SX		2	Ounce	\$3.82	\$7.64	\$916.80
Cobra		12.5	Ounce	\$1.27	\$15.88	\$1,905.00
Seed						
Peanut Seed		90	Pound	\$0.90	\$81.00	\$9,720.00
Fungicides						
Follicular Fungicide-Abound		24.5	Ounce	\$1.29	\$31.61	\$3,792.60
Fungicide - Bravo		1.5	Pint	\$3.57	\$5.36	\$642.60
Irrigation						
Energy Cost		18.95	AcreInch	\$1.20	\$22.74	\$2,728.88
Irrigation Labor		1.21	Hour	\$10.00	\$12.08	\$1,449.60
Machinery Labor						
Tractors/Self-Propelled		4.31	Hour	\$10.00	\$43.10	\$5,172.00
Diesel Fuel						
Tractors/Self-Propelled		13.37	Gallon	\$2.59	\$34.63	\$4,155.40
Gasoline						
Pickup/General Use Equipment		1	Acre	\$6.38	\$6.38	\$765.00
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$1.71	\$1.71	\$205.28
Irrigation Equipment		1	Acre	\$16.67	\$16.67	\$2,000.40
Tractors/Self-Propelled		1	Acre	\$20.88	\$20.88	\$2,505.49
Implements		1	Acre	\$21.44	\$21.44	\$2,572.86
Interest on Credit Line				6.25%	\$10.50	\$1,260.52
Total Variable Costs					\$430.53	\$51,663.42
Planned Returns Above Variable Costs:					\$499.47	\$59,936.58
Breakeven Price to Cover Variable Costs				\$215.26	Ton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$2.37	\$2.37	\$284.99
Irrigation Equipment		1	Acre	\$10.00	\$10.00	\$1,200.00
Tractors/Self-Propelled		1	Acre	\$21.58	\$21.58	\$2,589.00
Implements		1	Acre	\$27.92	\$27.92	\$3,349.85
Equipment Investment						
Pickup/General Use Equipment		\$28.51	Dollars	5.50%	\$1.57	\$188.17
Irrigation Equipment		\$416.67	Dollars	5.50%	\$22.92	\$2,750.00
Tractors/Self-Propelled		\$243.59	Dollars	5.50%	\$13.40	\$1,607.69
Implements		\$541.21	Dollars	5.50%	\$29.77	\$3,572.00
Cash Rent - Peanuts		1	Acre	\$75.00	\$75.00	\$9,000.00
Total Fixed Costs					\$204.51	\$24,541.70
Total Specified Costs					\$635.04	\$76,205.12
Returns Above Specified Costs					\$294.96	\$35,394.88
Breakeven Price to Cover Total Costs				\$317.52	Ton	

Example Breakeven Prices						
Example Yield Percent	Example Yield Ton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	1.50	\$287.02	\$287.02	\$423.36	\$423.36	\$0.00
90%	1.80	\$239.18	\$239.18	\$352.80	\$352.80	\$0.00
100%	2.00	\$215.26	\$215.26	\$317.52	\$317.52	\$0.00
110%	2.20	\$195.69	\$195.69	\$288.66	\$288.66	\$0.00
125%	2.50	\$172.21	\$172.21	\$254.02	\$254.02	\$0.00

Developed by Stan Bevers, 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.