

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Sprinkler Irrigated Peanuts - 120 Acres
Rolling Plains Extension District - 3

Crop Acres		120			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Runner Peanuts	2.00	Ton	\$400.00	\$800.00	\$96,000.00
Total Revenue				\$800.00	\$96,000.00
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	\$0.35	\$14.00	\$1,680.00
Fertilizer (P)	40	Pound	\$0.34	\$13.60	\$1,632.00
Herbicide					
Prowl	1.5	Pint	\$5.00	\$7.50	\$900.00
Valor SX	2	Ounce	\$0.81	\$1.61	\$193.59
Cobra	12.5	Ounce	\$1.48	\$18.55	\$2,226.56
Seed					
Peanut Seed	90	Pound	\$0.85	\$76.50	\$9,180.00
Fungicides					
Follicular Fungicide-Abound	24.5	Ounce	\$1.41	\$34.44	\$4,133.23
Fungicide - Bravo	1.5	Pint	\$3.56	\$5.34	\$641.25
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	2.59	Hour	\$10.00	\$25.90	\$3,108.00
Diesel Fuel					
Tractors/Self-Propelled	8.26	Gallon	\$1.65	\$13.63	\$1,635.48
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	\$2,000.44
Tractors/Self-Propelled	1	Acre	\$26.80	\$26.80	\$3,215.66
Implements	1	Acre	\$14.39	\$14.39	\$1,726.46
Interest on Credit Line			5.75%	\$8.60	\$1,032.02
Total Variable Costs				\$371.45	\$44,573.46
Planned Returns Above Variable Costs:				\$428.55	\$51,426.54
Breakeven Price to Cover Variable Costs			\$185.72	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	\$24.29	\$24.29	\$2,914.26
Implements	1	Acre	\$16.81	\$16.81	\$2,017.52
Equipment Investment					
Pickup/General Use Equipment	\$16.64	Dollars	5.50%	\$0.91	\$109.80
Irrigation Equipment	\$291.67	Dollars	5.50%	\$16.04	\$1,925.00
Tractors/Self-Propelled	\$204.69	Dollars	5.50%	\$11.26	\$1,350.94
Implements	\$76.69	Dollars	5.50%	\$4.22	\$506.14
Cash Rent - Peanuts	1	Acre	\$75.00	\$75.00	\$9,000.00
Total Fixed Costs				\$160.91	\$19,308.64
Total Specified Costs				\$532.35	\$63,882.10
Returns Above Specified Costs				\$267.65	\$32,117.90
Breakeven Price to Cover Total Costs			\$266.18	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	1.50	\$247.63	\$354.90
90%	1.80	\$206.36	\$295.75
100%	2.00	\$185.72	\$266.18
110%	2.20	\$168.84	\$241.98
125%	2.50	\$148.58	\$212.94

Developed by Extension Economists, 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.