

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Sprinkler Irrigated Peanuts
Rolling Plains Extension District - 3

Crop Acres		120		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Runner Peanuts	2.00	Ton	\$475.00	\$950.00	\$114,000.00
Total Revenue				\$950.00	\$114,000.00
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	\$0.38	\$15.20	\$1,824.00
Fertilizer (P)	40	Pound	\$0.30	\$12.00	\$1,440.00
Herbicide					
Prowl	1.5	Pint	\$3.50	\$5.25	\$630.00
Valor SX	2	Ounce	\$3.88	\$7.75	\$930.00
Cobra	12.5	Ounce	\$1.48	\$18.55	\$2,226.56
Seed					
Peanut Seed	90	Pound	\$0.95	\$85.50	\$10,260.00
Fungicides					
Folicular Fungicide-Abound	24.5	Ounce	\$1.48	\$36.36	\$4,362.91
Fungicide - Bravo	1.5	Pint	\$3.56	\$5.34	\$641.25
Irrigation					
Energy Cost	18.95	AcreInch	\$4.50	\$85.28	\$10,233.00
Irrigation Labor	1.21	Hour	\$12.00	\$14.50	\$1,739.52
Machinery Labor					
Tractors/Self-Propelled	1.96	Hour	\$12.00	\$23.52	\$2,822.40
Other Labor	2.35	Hour	\$12.00	\$28.20	\$3,384.00
Diesel Fuel					
Tractors/Self-Propelled	13.37	Gallon	\$1.85	\$24.73	\$2,968.14
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.38	\$6.38	\$765.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.55	\$2.55	\$306.00
Irrigation Equipment	1	Acre	\$16.67	\$16.67	\$2,000.44
Tractors/Self-Propelled	1	Acre	\$27.32	\$27.32	\$3,278.63
Implements	1	Acre	\$23.29	\$23.29	\$2,794.35
Interest on Credit Line			6.50%	\$13.57	\$1,627.98
Total Variable Costs				\$502.95	\$60,354.18
Planned Returns Above Variable Costs:				\$447.05	\$53,645.82
Breakeven Price to Cover Variable Costs			\$251.48	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$3.54	\$3.54	\$424.83
Irrigation Equipment	1	Acre	\$15.00	\$15.00	\$1,800.00
Tractors/Self-Propelled	1	Acre	\$28.23	\$28.23	\$3,387.91
Implements	1	Acre	\$29.58	\$29.58	\$3,550.10
Equipment Investment					
Pickup/General Use Equipment	\$24.80	Dollars	5.50%	\$1.36	\$163.67
Irrigation Equipment	\$437.50	Dollars	5.50%	\$24.06	\$2,887.50
Tractors/Self-Propelled	\$219.94	Dollars	5.50%	\$12.10	\$1,451.61
Implements	\$338.41	Dollars	5.50%	\$18.61	\$2,233.47
Cash Rent - Peanuts	1	Acre	\$90.00	\$90.00	\$10,800.00
Total Fixed Costs				\$222.49	\$26,699.11
Total Specified Costs				\$725.44	\$87,053.29
Returns Above Specified Costs				\$224.56	\$26,946.71
Breakeven Price to Cover Total Costs			\$362.72	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	1.50	\$335.30	\$483.63
90%	1.80	\$279.42	\$403.02
100%	2.00	\$251.48	\$362.72
110%	2.20	\$228.61	\$329.75
125%	2.50	\$201.18	\$290.18

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.