

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Peanuts, Runner, Sprinkler Irrigated
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Peanuts - Runner	2.25	Ton	\$425.00	\$956.25	\$116,662.50	\$116,662.50
Total Revenue				\$956.25	\$116,662.50	\$116,662.50
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Fertilizer Application	1	Acre	\$5.12	\$5.12	\$624.64	
Dig and Shake	1	Acre	\$25.61	\$25.61	\$3,124.42	
Harvest and Haul - Peanuts	2.25	Ton	\$40.97	\$92.18	\$11,246.27	
Drying - Peanuts	2.25	Ton	\$25.61	\$57.62	\$7,029.95	
Fertilizer						
Fertilizer (P) - Dry	50	Pound	\$0.43	\$21.50	\$2,623.00	
Fertilizer (N) - Dry	80	Pound	\$0.32	\$25.60	\$3,123.20	
Herbicide						
Herbicide - Peanut	1	Acre	\$17.62	\$17.62	\$2,149.64	
Insecticide						
Insecticide and Apply Peanut	1	Application	\$9.72	\$9.72	\$1,185.84	
Miscellaneous						
Crop Insurance Peanuts - Irrigated	1	Acre	\$40.00	\$40.00	\$4,880.00	
Seed						
Seed - Peanut	100	Pound	\$0.99	\$99.00	\$12,078.00	
Innoculant Peanut	1	Acre	\$7.23	\$7.23	\$882.06	
Fungicides						
Fungicide and Apply Peanut	3	Application	\$16.06	\$48.18	\$5,877.96	
Other Labor						
Hoeing - Peanut	1	Acre	\$19.29	\$19.29	\$2,353.38	
Irrigation						
Energy Cost	21.00	AcreInch	\$3.50	\$73.50	\$8,967.00	
Irrigation Labor	1.34	Hour	\$12.64	\$16.99	\$2,072.56	
Machinery Labor						
Tractors/Self-Propelled	1.21	Hour	\$12.44	\$15.05	\$1,836.39	
Other Labor	1.4	Hour	\$12.44	\$17.42	\$2,124.75	
Diesel Fuel						
Tractors/Self-Propelled	6.82	Gallon	\$1.99	\$13.57	\$1,655.76	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.30	\$4.30	\$525.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00	
Irrigation Equipment	1	Acre	\$84.84	\$84.84	\$10,350.48	
Tractors/Self-Propelled	1	Acre	\$11.37	\$11.37	\$1,386.96	
Implements	1	Acre	\$23.63	\$23.63	\$2,883.25	
Interest on Credit Line			5.74%	\$13.90	\$1,696.02	
Total Variable Costs				\$745.76	\$90,982.52	
Planned Returns Above Variable Costs:				\$210.49	\$25,679.98	
Breakeven Price to Cover Variable Costs			\$331.45	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$5,775.00	
Tractors/Self-Propelled	1	Acre	\$11.41	\$11.41	\$1,392.59	
Implements	1	Acre	\$27.81	\$27.81	\$3,393.32	
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	6.01%	\$1.09	\$133.33	
Irrigation Equipment	\$571.72	Dollars	6.01%	\$34.36	\$4,191.98	
Tractors/Self-Propelled	\$88.92	Dollars	6.01%	\$5.34	\$652.01	
Implements	\$118.98	Dollars	6.01%	\$7.15	\$872.40	
Cash Rent - Peanuts	1	Acre	\$72.00	\$72.00	\$8,784.00	
Total Fixed Costs				\$209.15	\$25,515.93	
Total Specified Costs				\$954.91	\$116,498.46	
Returns Above Specified Costs				\$1.34	\$164.04	
Breakeven Price to Cover Total Costs			\$424.40	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	1.69	\$441.93	\$565.87
90%	2.03	\$368.28	\$471.56
100%	2.25	\$331.45	\$424.40
110%	2.48	\$301.32	\$385.82
125%	2.81	\$265.16	\$339.52

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-677-5600.

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.