

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Peanuts, Runner, Sprinkler Irrigated - 122 Acres
Panhandle Extension District - 1

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Peanuts - Runner	2.25	Ton	\$450.00	\$1,012.50	\$123,525.00
Total Revenue				\$1,012.50	\$123,525.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Fertilizer Application	1	Acre	\$5.50	\$5.50	\$671.00
Dig and Shake	1	Acre	\$25.70	\$25.70	\$3,135.40
Harvest and Haul - Peanuts	2.25	Ton	\$52.60	\$118.35	\$14,438.70
Drying - Peanuts	2.25	Ton	\$25.40	\$57.15	\$6,972.30
Fertilizer					
Fertilizer (P) - Dry	50	Pound	\$0.60	\$30.00	\$3,660.00
Fertilizer (N) - Dry	80	Pound	\$0.49	\$39.20	\$4,782.40
Herbicide					
Herbicide - Peanut	1	Acre	\$17.80	\$17.80	\$2,171.60
Insecticide					
Insecticide and Apply Peanut	1	Application	\$10.00	\$10.00	\$1,220.00
Seed					
Seed - Peanut	100	Pound	\$1.00	\$100.00	\$12,200.00
Innoculant Peanut	1	Acre	\$7.20	\$7.20	\$878.40
Miscellaneous					
Crop Insurance Peanuts - Irrigated	1	Acre	\$12.67	\$12.67	\$1,545.98
Fungicides					
Fungicide and Apply Peanut	3	Application	\$16.00	\$48.00	\$5,856.00
Other Labor					
Hoeing - Peanut	1	Acre	\$18.10	\$18.10	\$2,208.20
Irrigation					
Energy Cost	21.00	AcreInch	\$4.30	\$90.30	\$11,016.60
Irrigation Labor	1.34	Hour	\$11.75	\$15.79	\$1,926.62
Machinery Labor					
Tractors/Self-Propelled	2.62	Hour	\$11.75	\$30.79	\$3,755.77
Diesel Fuel					
Tractors/Self-Propelled	6.86	Gallon	\$3.30	\$22.64	\$2,761.84
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.13	\$6.13	\$747.50
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	\$9.59	\$9.59	\$1,169.45
Implements	1	Acre	\$22.28	\$22.28	\$2,718.24
Interest on Credit Line			4.90%	\$12.04	\$1,469.40
Total Variable Costs				\$786.57	\$95,961.90
Planned Returns Above Variable Costs:				\$225.93	\$27,563.10
Breakeven Price to Cover Variable Costs			\$349.59	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60
Tractors/Self-Propelled	1	Acre	\$9.67	\$9.67	\$1,179.89
Implements	1	Acre	\$26.44	\$26.44	\$3,226.09
Equipment Investment					
Pickup/General Use Equipment	\$31.35	Dollars	5.40%	\$1.69	\$206.55
Irrigation Equipment	\$703.28	Dollars	5.40%	\$37.98	\$4,633.20
Tractors/Self-Propelled	\$109.19	Dollars	5.40%	\$5.90	\$719.35
Implements	\$205.67	Dollars	5.40%	\$11.11	\$1,354.96
Cash Rent - Peanuts	1	Acre	\$133.00	\$133.00	\$16,226.00
Total Fixed Costs				\$250.93	\$30,612.94
Total Specified Costs				\$1,037.50	\$126,574.84
Returns Above Specified Costs				(\$25.00)	(\$3,049.84)
Breakeven Price to Cover Total Costs			\$461.11	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%	1.69	\$466.12	\$466.12	\$614.81	\$614.81	\$0.00
90%	2.03	\$388.43	\$388.43	\$512.35	\$512.35	\$0.00
100%	2.25	\$349.59	\$349.59	\$461.11	\$461.11	\$0.00
110%	2.48	\$317.81	\$317.81	\$419.19	\$419.19	\$0.00
125%	2.81	\$279.67	\$279.67	\$368.89	\$368.89	\$0.00

Developed by Steve Amosson, Regents Fellow, 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.