

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Irrigated Peanuts
South Plains Extension District - 2

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Peanuts - Runner		2.20	Ton	\$430.00	\$946.00	\$115,412.00
Total Revenue					\$946.00	\$115,412.00
VARIABLE COSTS						
Production Costs						
Custom						
Dig and Shake		1	Acre	\$25.00	\$25.00	\$3,050.00
Harvest and Haul - Peanuts		2.2	Ton	\$60.00	\$132.00	\$16,104.00
Drying - Peanuts		2.2	Ton	\$30.00	\$66.00	\$8,052.00
Fertilizer Application - Liquid High		1	Acre	\$4.75	\$4.75	\$579.50
Scouting - Peanuts		1	Acre	\$10.00	\$10.00	\$1,220.00
Fertilizer						
Fertilizer (P) - Liquid		50	Pound	\$0.57	\$28.68	\$3,498.53
Fertilizer (N) - Liquid		80	Pound	\$0.39	\$31.25	\$3,812.50
Herbicide						
Herbicide - Peanut		1	Acre	\$20.00	\$20.00	\$2,440.00
Insecticide						
Insecticide and Apply Peanut		1	Application	\$12.00	\$12.00	\$1,464.00
Miscellaneous						
Crop Insurance Peanuts - Irrigated		1	Acre	\$30.00	\$30.00	\$3,660.00
Seed						
Seed - Peanut		120	Pound	\$0.75	\$90.00	\$10,980.00
Innoculant Peanut		1	Acre	\$7.00	\$7.00	\$854.00
Fungicides						
Fungicide and Apply Peanut		1	Application	\$35.00	\$35.00	\$4,270.00
Other Labor						
Hoeing		1	Acre	\$15.00	\$15.00	\$1,830.00
Irrigation						
Energy Cost		22.00	AcreInch	\$10.00	\$220.00	\$26,840.00
Irrigation Labor		1.25	Hour	\$12.00	\$15.00	\$1,830.00
Machinery Labor						
Tractors/Self-Propelled		1.39	Hour	\$12.00	\$16.68	\$2,034.96
Other Labor		1.61	Hour	\$12.00	\$19.32	\$2,357.04
Diesel Fuel						
Tractors/Self-Propelled		7.6	Gallon	\$2.30	\$17.48	\$2,132.56
Gasoline						
Pickup/General Use Equipment		1	Acre	\$6.00	\$6.00	\$732.00
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment		1	Acre	\$40.00	\$40.00	\$4,880.00
Tractors/Self-Propelled		1	Acre	\$6.00	\$6.00	\$732.00
Implements		1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line				6.00%	\$17.95	\$2,190.34
Total Variable Costs					\$868.61	\$105,970.43
Planned Returns Above Variable Costs:					\$77.39	\$9,441.57
Breakeven Price to Cover Variable Costs				\$394.82	Ton	
FIXED COSTS						
Equipment Fixed Costs						
Pickup/General Use Equipment		1	Acre	\$1.25	\$1.25	\$152.50
Irrigation Equipment		1	Acre	\$55.00	\$55.00	\$6,710.00
Tractors/Self-Propelled		1	Acre	\$12.00	\$12.00	\$1,464.00
Implements		1	Acre	\$10.00	\$10.00	\$1,220.00
Management Fee, Owner/Operator Labor		1	Acre	\$25.00	\$25.00	\$3,050.00
Cash Rent - Peanuts		1	Acre	\$130.00	\$130.00	\$15,860.00
Whole Farm Insurance		1	Acre	\$2.00	\$2.00	\$244.00
Total Fixed Costs					\$235.25	\$28,700.50
Total Specified Costs					\$1,103.86	\$134,670.93
Returns Above Specified Costs					(\$157.86)	(\$19,258.93)
Breakeven Price to Cover Total Costs				\$501.75	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	1.65	\$526.43	\$669.01
90%	1.98	\$438.69	\$557.51
100%	2.20	\$394.82	\$501.75
110%	2.42	\$358.93	\$456.14
125%	2.75	\$315.86	\$401.40

Developed by Jackie Smith, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-746-6101.

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.