

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Irrigated Peanuts
South Plains Extension District - 2

Crop Acres		122			
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Peanuts - Runner	2.20	Ton	\$430.00	\$946.00	\$115,412.00
Total Revenue				\$946.00	\$115,412.00
VARIABLE COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$0.64	\$32.00	\$3,904.00
Fertilizer (N) - Liquid	80	Pound	\$0.38	\$30.40	\$3,708.80
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	\$1.90	\$14.44	\$1,761.68
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.40	\$4.40	\$536.80
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%	\$17.98	\$2,193.25
Total Variable Costs				\$866.47	\$105,709.03
Planned Returns Above Variable Costs:				\$79.53	\$9,702.97
Breakeven Price to Cover Variable Costs			\$393.85	Ton	
FIXED COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
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				\$1,101.72	\$134,409.53
Returns Above Specified Costs				(\$155.72)	(\$18,997.53)
Breakeven Price to Cover Total Costs			\$500.78	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	1.65	\$525.13	\$667.71
90%	1.98	\$437.61	\$556.42
100%	2.20	\$393.85	\$500.78
110%	2.42	\$358.04	\$455.26
125%	2.75	\$315.08	\$400.62

Developed by Agricultural Economists, 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.