

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Irrigated Peanuts
South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Peanuts - Runner	2.20	Ton	\$510.00	\$1,122.00		\$136,884.00
Total Revenue				\$1,122.00		\$136,884.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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	\$0.88	\$44.20		\$5,392.40
Fertilizer (N) - Liquid	80	Pound	\$0.61	\$48.88		\$5,963.36
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	\$27.00	\$27.00		\$3,294.00
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						
Hoing	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	\$3.00	\$22.79		\$2,780.67
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.20	\$5.20		\$634.75
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			9.00%	\$29.39		\$3,585.37
Total Variable Costs				\$914.71		\$111,595.05
Planned Returns Above Variable Costs:				\$207.29		\$25,288.95
Breakeven Price to Cover Variable Costs			\$415.78	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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				\$1,149.96		\$140,295.55
Returns Above Specified Costs				(\$27.96)		(\$3,411.55)
Breakeven Price to Cover Total Costs			\$522.71	Ton		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	1.65	\$554.37	\$696.95
90%	1.98	\$461.98	\$580.79
100%	2.20	\$415.78	\$522.71
110%	2.42	\$377.98	\$475.19
125%	2.75	\$332.62	\$418.17

Developed by Agricultural Economists, 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.