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

122

Crop Acres

Peanus - Rumer 2.20	Clop Acres	122				Enterprise
VARIABLE COSTS						Total
MARIABLE COSTS		2.20	Ton	\$510.00		
MARIABLE COSTS	Total Revenue				\$1,122.00	
Production Costs	VARIARI E COSTS	Quantity	Unite	\$/LInit	Total	
Dig and Shake 1 Acre \$25.00 \$25.00 \$3,050.00 Harvest and Haul - Peanuts 2.2 Ton \$80.00 \$132.00 \$16,104.00 Drying - Peanuts 2.2 Ton \$80.00 \$132.00 \$16,104.00 Pertilizer Application - Liquid High 1 Acre \$4.75 \$4.75 \$579.50 Scouting - Peanuts 1 Acre \$10.00 \$10.00 \$1,220.00 Fertilizer Peanut 80 Pound \$0.88 \$44.20 \$5,392.40 Fertilizer (N) - Liquid 80 Pound \$0.81 \$48.88 \$5,963.36 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 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$3,294.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$3,294.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$3,294.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$3,294.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.00 Fungicide Seed - Peanut 1 Acre \$1.00 \$1.00 \$1.0		Quantity	Onits	Ψ/ΟΠΙ	Total	Total
Harvest and Haul - Peanuts						
Drying - Peanuts		-		\$25.00	\$25.00	\$3,050.00
Fertilizer Application - Liquid High Scouting - Peanuts 1 Acre \$4.75 \$4.75 \$579.50						
Scouting - Peanuts						
Fertilizer (P) - Liquid Fortilizer (P) - Liquid Fertilizer (N) - Liquid 80 Pound \$0.81 \$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 2 Acre \$27.00 \$27.00 \$3.294.00 Seed Seed - Peanut 1 120 Pound \$0.75 \$90.00 \$1.980.00 Innoculant Peanut 1 Acre \$7.00 \$7.00 \$854.00 Fungicides Seed - Peanut 1 Acre \$7.00 \$7.00 \$854.00 Fungicide and Apply Peanut 1 Acre \$7.00 \$7.00 \$854.00 Fungicide and Apply Peanut 1 Acre \$15.00 \$15.00 \$1.830.00 Irrigation Heeing 1 Acre \$15.00 \$15.00 \$1.830.00 Irrigation Labor 1 1.25 Hour \$12.00 \$15.00 \$1.830.00 Irrigation Labor 1 1.25 Hour \$12.00 \$15.00 \$1.830.00 Machinery Labor 7 1.25 Hour \$12.00 \$16.68 \$2.034.96 Other Labor 1 1.39 Hour \$12.00 \$16.68 \$2.034.96 Other Labor 1 1.4 Acre \$1.00 \$1						
Fertilizer (P) - Liquid 50 Pound \$0.88 \$44.20 \$5.392.40 Fertilizer (N) - Liquid 80 Pound \$0.61 \$3.68 \$3.88 \$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		1	Acre	\$10.00	\$10.00	\$1,220.00
Fertilizer (N) - Liquid		E0.	Pound	¢0 00	¢44.20	¢E 202 40
Herbicide						
Herbicide - Peanut		00	i ouilu	Ψ0.01	Ψ-0.00	ψ3,303.30
Insecticide Insecticide and Apply Peanut 1 Application \$12.00 \$12.00 \$1,464.00		1	Acre	\$20.00	\$20.00	\$2,440.00
Miscellaneous		•				+=,
Crop Insurance Peanuts - Irrigated 1 Acre \$27.00 \$27.00 \$3,294.00	Insecticide and Apply Peanut	1	Application	\$12.00	\$12.00	\$1,464.00
Seed						
Seed - Peanut		1	Acre	\$27.00	\$27.00	\$3,294.00
Innoculant Peanut						
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 Acrelnch \$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 \$16.08 \$2,257.04 Diesel Fuel Tractors/Self-Propelled 1.4 Acre \$5.20 \$5.20 \$634.75 Repairs & Maintenance 1.4 Acre \$40.00 \$40.00 \$48.80.00 Frickup/General Use Equipment 1.4 Acre \$40.00 \$40.00 \$48.80.00 Irrigation Equipment 1.4 Acre \$6.00 \$6.00 \$732.00 Interest on Credit Line 1.4 Acre \$6.00 \$6.00 \$732.00 Interest on Credit Line 1.4 Acre \$5.00 \$29.39 \$3,585.37 Total Variable Costs \$415.78 Tor Enterprise Fixed Costs \$415.78 Tor \$207.29 \$25,288.95 Fixed Costs \$415.78 Tor \$207.20 \$25.00 \$25.00 \$25.00 Garl Rent - Peanuts 1.4 Acre \$55.00 \$55.00 \$55.00 \$55.00 Cash Rent - Peanuts 1.4 Acre \$55.00 \$55.00 \$55.00 \$55.00 Cash Rent - Peanuts 1.4 Acre \$55.00 \$55.00 \$55.00 \$55.00 Cash						
Fungicide and Apply Peanut		1	Acre	\$7.00	\$7.00	\$854.00
Other Labor Hoeing Hoeing 1 Acre \$15.00 \$15.00 \$1,830.00 Irrigation		1	Application	¢25.00	¢2E 00	¢4 270 00
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		'	Application	\$33.00	\$35.00	\$4,270.00
Irrigation		1	Acre	\$15.00	\$15.00	\$1.830.00
Energy Cost		•	7.0.0	ψ.10.00	Ψ.0.00	\$1,000.00
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 \$40.00 \$40.00 \$40.00 \$4,880.00 Tractors/Self-Propelled 1 Acre \$3.00 \$3.00 \$366.00 \$372.20 Implements 1 Acre \$40.00 \$40.00 \$4,880.00 Tractors/Self-Propelled 1 Acre \$3.00 \$3.00 \$366.00 \$3.00 \$366.00 Interest on Credit Line 9.00% \$29.39 \$3,585.37 \$3.00		22.00	Acrelnch	\$10.00	\$220.00	\$26,840.00
Tractors/Self-Propelled Other Labor	Irrigation Labor	1.25	Hour	\$12.00	\$15.00	\$1,830.00
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	•					
Diesel Fuel						
Tractors/Self-Propelled 7.6 Gallon \$3.00 \$22.79 \$2,780.67		1.61	Hour	\$12.00	\$19.32	\$2,357.04
Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$5.20 \$5.20 \$634.75		7.0	0 "	40.00	400.70	40 700 07
Pickup/General Use Equipment 1	·	7.6	Gallon	\$3.00	\$22.79	\$2,780.67
Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$61.00 Irrigation Equipment 1 Acre \$40.00 \$40.00 \$44.880.00 Tractors/Self-Propelled 1 Acre \$3.00 \$3.00 \$366.00 Interest on Credit Line 9.00% \$29.39 \$3,585.37 Total Variable Costs 9.00% \$29.39 \$3,585.37 Planned Returns Above Variable Costs \$207.29 \$25,288.95 Breakeven Price to Cover Variable Costs \$415.78 Ton Equipment Fixed Cost \$1.25 \$1.25 \$152.50 Irrigation Equipment 1 Acre \$12.00 \$12.00 \$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 \$10.00 \$10.00 \$1,220.00 Management Familiar 1 Acre \$10.00 \$10.00 \$1,220.00 Whole Farm Insurance 1 Acre \$13.00 \$13.00 \$15,860.00 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		1	Acro	\$5.20	\$5.20	\$624.75
Pickup/General Use Equipment			Acre	Ψ3.20	Ψ3.20	ψ034.73
Irrigation Equipment		1	Acre	\$0.50	\$0.50	\$61.00
Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$732.00 Implements 1 Acre \$3.00 \$3.00 \$366.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$366.00 \$350.00 \$350.00 \$366.00 \$350.00 \$		-				
Implements 1 Acre \$3.00 \$3.00 \$366.00 Interest on Credit Line 9.00% \$29.39 \$3,585.37 Total Variable Costs \$141.71 \$111,595.05 Planned Returns Above Variable Costs \$207.29 \$25,288.95 Breakeven Price to Cover Variable Costs \$415.78 Ton Equipment Fixed Costs \$415.78 Total Equipment Fixed Costs \$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 \$10.00 \$10.00 \$1,220.00 Cash Rent - Peanuts 1 Acre \$130.00 \$130.00 \$15,860.00 Whole Farm Insurance 1 Acre \$130.00 \$130.00 \$15,860.00 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) Security \$1,149.96 \$140,295.55 Total Specified Costs \$1,149.96 \$140,295.55						
Interest on Credit Line		1	Acre			
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$415.78 Ton Enterprise	Interest on Credit Line			9.00%	\$29.39	\$3,585.37
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs	Total Variable Costs			ij	\$914.71	\$111,595.05
Seakeven Price to Cover Variable Costs	Planned Returns Above Variable Costs:			:	\$207.29	
Equipment Fixed Costs	Breakeven Price to Cover Variable Costs			\$415.78	Ton	
Equipment Fixed Costs						Enterprise
Pickup/General Use Equipment		Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment			_			
Tractors/Self-Propelled						
Implements						
Management Fee, Owner/Operator Labor Cash Rent - Peanuts 1 Acre \$25.00 \$25.00 \$3,050.00 Whole Farm Insurance 1 Acre \$130.00 \$130.00 \$15,860.00 Total Fixed Costs \$2.00 \$2.44.00 Total Specified Costs \$235.25 \$287,705.50 Returns Above Specified Costs \$(\$27.96) \$(\$3,411.55)						
Cash Rent - Peanuts 1 Acre Whole Farm Insurance 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						
Whole Farm Insurance 1 Acre \$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						
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)						
Total Specified Costs \$1,149.96 \$140,295.55 Returns Above Specified Costs (\$27.96) (\$3,411.55)		I	Acre	\$2.00		
Returns Above Specified Costs (\$27.96) (\$3,411.55)				;		
•	Total Specified Costs			:	\$1,149.96	\$140,295.55
Breakeven Price to Cover Total Costs \$522.71 Ton	Returns Above Specified Costs				(\$27.96)	(\$3,411.55)
	Breakeven Price to Cover Total Costs			\$522.71	Ton	

		Examp	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.