Projections for Planning Purposes Only -- Not to be Used without Updating 2016 Estimated Costs and Returns per Acre Irrigated Runner Peanuts - 122 Acres Southwest Extension District - 10

Crop Acres 122

Peanuts	Crop Acres	122				
VARIABLE COSTS	REVENUE	Quantity	Units	\$/Unit	Total	
VARIABLE COSTS	Peanuts	40.00	CWT	\$21.22	\$848.80	\$103,553.60
VARIABLE COSTS	Total Revenue				\$848.80	\$103,553.60
Production Costs						Enterprise
Haul Peanuts		Quantity	Units	\$/Unit	Total	Total
Haul Peanuts						
Dry Peanuts						
Herbicide						
Triffuralin	•	2	Ton	\$24.00	\$48.00	\$5,856.00
Second S						
Miscellaneous Miscellaneous Peanut Overhead 1 Acre \$4.00 \$4.00 \$488.00 \$5ed Peanut Seed 85 Pound \$0.65 \$55.25 \$6,740.50 Irrigation Energy Cost 747.01 kWh \$0.17 \$126.99 \$15,492.99 Machinery Labor Tractors/Self-Propelled 2.73 Hour \$12.00 \$32.76 \$3,996.72 Diesel Fuel Tractors/Self-Propelled 23.85 Gallon \$2.10 \$50.09 \$6,110.37 Gasoline Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.84 \$4.84 \$590.37 Irrigation Equipment 1 Acre \$50.47 \$50.47 \$61.57.91 Implements 1 Acre \$66.12 \$66.12 \$80.66.74 \$44.742.45 \$61.57 \$6						•
Miscellaneous Peanut Overhead 1 Acre \$4.00 \$4.00 \$4.800 \$2.318.00 \$3.000 \$3	· · · · · · · · · · · · · · · · · · ·	1	Pint	\$2.00	\$2.00	\$244.00
Crop Insurance - Peanuts irrigated 1 Acre \$19.00 \$19.00 \$2,318.00 Seed Peanut Seed 85 Pound \$0.65 \$55.25 \$6,740.50 Irrigation Energy Cost 747.01 kWh \$0.17 \$126.99 \$15,492.99 Machinery Labor Tractors/Self-Propelled 2.73 Hour \$12.00 \$32.76 \$3,996.72 Diesel Fuel Tractors/Self-Propelled 23.85 Gallon \$2.10 \$50.09 \$6,110.37 Gasolline Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$7.77 \$7.77 \$947.81 Tractors/Self-Propelled 1 Acre \$50.47 \$50.47 \$6,157.91 Implements 1 Acre \$50.47 \$50.47 \$6,157.91 Interest on Credit Line 4 Acre \$27.23 \$3,322.25 Planned Returns Above Variable Costs \$12.05 CWT Fixed Costs Quantity Units \$7.01 Total Machinery Depreciation Total Machinery Depreciation Acre \$35.75 \$55.575 \$6,558.05 Implements 1 Acre \$35.75 \$35.75 \$6,558.05 Implements 1 Acre \$35.75 \$35.75 \$6,558.05 Implements 1 Acre \$35.75 \$35.75 \$4,355.84 Equipment \$495.90 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.50 \$3,93.250 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$25.50 \$3,93.250 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$25.56 \$3,118.25 Implements \$393.22 Dollars 6.50% \$25.50 \$3,93.250 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$25.50 \$3,33.29.61 Implements \$393.22 Dollars 6.50% \$25.50 \$3,33.93.65.84 Implements \$393.22 Dollars 6.50% \$25.50 \$3,33.93.65.84 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$25.50 \$3,33.93.65.84 Self-Propelled \$419.88 Dollars 6.50% \$30.00 \$6,100.00 Total Fixed Costs \$393.79.89			_	4		
Seed				*		
Peanut Seed 85 Pound \$0.65 \$55.25 \$6,740.50 Irrigation		1	Acre	\$19.00	\$19.00	\$2,318.00
Irrigation						
Energy Cost		85	Pound	\$0.65	\$55.25	\$6,740.50
Machinery Labor Tractors/Self-Propelled 2.73 Hour \$12.00 \$32.76 \$3,996.72 Diesel Fuel Tractors/Self-Propelled 23.85 Gallon \$2.10 \$50.09 \$6,110.37 Gasoline Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.84 \$4.84 \$590.37 Irrigation Equipment 1 Acre \$50.47 \$7.77 \$947.81 Implements 1 Acre \$50.47 \$50.47 \$6,157.91 Implements 1 Acre \$27.23 \$27.23 \$3,322.25 Interest on Credit Line \$6.50% \$7.24 \$883.63 Total Variable Costs \$12.05 \$7.24 \$883.63 Planned Returns Above Variable Costs: \$12.05 \$25 \$25.20 \$55,811.15 Breakeven Price to Cover Variable Costs \$12.05 \$12.05 \$25.20 \$25.20 \$30,74.85 Irrigation Equipment 1 Acre \$66.12 \$66.12	•					
Tractors/Self-Propelled 2.73 Hour \$12.00 \$32.76 \$3,996.72 Diesel Fuel	· ·	747.01	kWh	\$0.17	\$126.99	\$15,492.99
Diesel Fuel	•					
Tractors/Self-Propelled 23.85 Gallon \$2.10 \$50.09 \$6,110.37		2.73	Hour	\$12.00	\$32.76	\$3,996.72
Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29						
Pickup/General Use Equipment 1 Acre \$19.35 \$19.35 \$2,361.29	·	23.85	Gallon	\$2.10	\$50.09	\$6,110.37
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$19.35	\$19.35	\$2,361.29
Irrigation Equipment						
Tractors/Self-Propelled Implements 1 Acre Sept. 47 \$50.47 \$6,157.91 (sq.17) Implements Implements 1 Acre Acre Sept. 47 \$27.23 \$3,322.25 \$3,322.25 \$3,322.25 \$3,322.25 \$3,322.25 \$3,322.25 \$3,322.25 \$3,322.25 \$482.06 \$58,811.15 \$482.06 \$58,811.15 \$482.06 \$58,811.15 \$482.06 \$58,811.15 \$44,742.45 \$44,742.45 \$44,742.45 \$366.74 \$44,742.45 \$44,742.45 \$366.74 \$44,742.45 <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td>						•
Implements	•		Acre	•		\$947.81
Interest on Credit Line					•	. ,
Total Variable Costs S482.06 \$58,811.15		1	Acre			. ,
Planned Returns Above Variable Costs \$366.74 \$44,742.45				6.50%	*	
Breakeven Price to Cover Variable Costs \$12.05 CWT Enterprise					\$482.06	\$58,811.15
Pickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$3,074.85 Irrigation Equipment 1 Acre \$66.12 \$66.12 \$8,066.67 Tractors/Self-Propelled 1 Acre \$35.75 \$53.75 \$6,558.05 Implements 1 Acre \$35.70 \$35.70 \$4,355.84 Equipment Investment Pickup/General Use Equipment \$105.02 Dollars 6.50% \$6.83 \$832.77 Irrigation Equipment \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.56 \$3,118.25 Irrigated Winter Garden Rent 1 Acre \$50.00 \$6,100.00 Total Fixed Costs \$304.75 \$98,179.69 Returns Above Specified Costs \$44.05 \$5,373.91	Planned Returns Above Variable Costs:				\$366.74	\$44,742.45
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$12.05 C	WT	
Machinery Depreciation Fickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$3,074.85 Irrigation Equipment 1 Acre \$66.12 \$66.12 \$8,066.67 Tractors/Self-Propelled 1 Acre \$53.75 \$53.75 \$6,558.05 Implements 1 Acre \$35.70 \$35.70 \$4,355.84 Equipment Investment Pickup/General Use Equipment \$105.02 Dollars 6.50% \$6.83 \$832.77 Irrigation Equipment \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.56 \$3,118.25 Irrigated Winter Garden Rent 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$393,368.54 Returns Above Specified Costs \$44.05 \$5,373.91						Enterprise
Pickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$3,074.85 Irrigation Equipment 1 Acre \$66.12 \$66.12 \$8,066.67 Tractors/Self-Propelled 1 Acre \$53.75 \$53.75 \$6,558.05 Implements 1 Acre \$35.70 \$35.70 \$4,355.84 Equipment Investment Pickup/General Use Equipment \$105.02 Dollars 6.50% \$6.83 \$832.77 Irrigation Equipment \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.56 \$3,118.25 Irrigated Winter Garden Rent 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$39,368.54 Returns Above Specified Costs \$44.05 \$5,373.91	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment						
Tractors/Self-Propelled 1 Acre \$53.75 \$6,558.05 Implements 1 Acre \$35.70 \$35.70 \$4,355.84 Equipment Investment *** *** *** *** *** \$4,355.84 Equipment Investment ***	Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
Implements	Irrigation Equipment	1	Acre	\$66.12	\$66.12	\$8,066.67
Equipment Investment Pickup/General Use Equipment Irrigation Equipment \$105.02 Dollars 6.50% \$6.83 \$832.77 Irrigation Equipment Tractors/Self-Propelled \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.56 \$3,118.25 Irrigated Winter Garden Rent 1 Acre \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$39,368.54 Total Specified Costs \$804.75 \$98,179.69 Returns Above Specified Costs \$44.05 \$5,373.91	Tractors/Self-Propelled	1	Acre	\$53.75	\$53.75	\$6,558.05
Pickup/General Use Equipment Irrigation Equipment Irrigation Equipment \$105.02 Dollars 6.50% \$6.83 \$832.77 Irrigation Equipment Tractors/Self-Propelled Implements \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Irrigated Winter Garden Rent \$100 Irrigated Winter Garden Rent 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$39,368.54 Total Specified Costs \$44.05 \$5,373.91		1	Acre	\$35.70	\$35.70	\$4,355.84
Irrigation Equipment \$495.90 Dollars 6.50% \$32.23 \$3,932.50 Tractors/Self-Propelled \$419.88 Dollars 6.50% \$27.29 \$3,329.61 Implements \$393.22 Dollars 6.50% \$25.56 \$3,118.25 Irrigated Winter Garden Rent 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$39,368.54 Total Specified Costs \$44.05 \$5,373.91 Returns Above Specified Costs \$44.05 \$5,373.91						
Tractors/Self-Propelled Implements \$419.88 Sign and Self-Propelled Implements \$419.88 Sign and Self-Propelled Implements \$419.88 Sign and Self-Propelled Implements \$27.29 Sign and Sign and Sign and Sign and Self-Propelled Implements \$393.22 Dollars Sign and Self-Propelled Sign and Sign and Self-Propelled		\$105.02	Dollars	6.50%	\$6.83	\$832.77
Implements						
Irrigated Winter Garden Rent 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$322.69 \$39,368.54 Total Specified Costs \$804.75 \$98,179.69 Returns Above Specified Costs \$44.05 \$5,373.91	Tractors/Self-Propelled	\$419.88	Dollars	6.50%	\$27.29	\$3,329.61
Total Fixed Costs \$322.69 \$39,368.54 Total Specified Costs \$804.75 \$98,179.69 Returns Above Specified Costs \$44.05 \$5,373.91						
Total Specified Costs \$804.75 \$98,179.69 Returns Above Specified Costs \$44.05 \$5,373.91	Irrigated Winter Garden Rent	1	Acre	\$50.00		
Returns Above Specified Costs \$44.05 \$5,373.91	Total Fixed Costs			_	\$322.69	\$39,368.54
	Total Specified Costs			_	\$804.75	\$98,179.69
Breakeven Price to Cover Total Costs \$20.12 CWT	Returns Above Specified Costs				\$44.05	\$5,373.91
	Breakeven Price to Cover Total Costs			\$20.12 C	WT	

		Example Br	Example Breakeven Prices		
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs		
75%	30.00	\$16.07	\$26.83		
90%	36.00	\$13.39	\$22.35		
100%	40.00	\$12.05	\$20.12		
110%	44.00	\$10.96	\$18.29		
125%	50.00	\$9.64	\$16.10		

Developed by Rob Hogan, Associate 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.