

**2021 Estimated Costs and Returns per Acre
Irrigated Sesame
South Plains Extension District - 2**

Crop Acres		122				
				Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sesame - Irrigated	1,500.00	Pound	\$0.32	\$480.00	\$58,560.00	
Total Revenue				\$480.00	\$58,560.00	
				Enterprise		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	
Production Costs						
Seed						
Seed - Sesame	2.5	Pound	\$4.00	\$10.00	\$1,220.00	
Fertilizer						
Fertilizer (N) - Liquid	75	Pound	\$0.38	\$28.50	\$3,477.00	
Fertilizer (P) - Liquid	30	Pound	\$0.64	\$19.20	\$2,342.40	
Custom						
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50	
Custom Harvest - Sesame	1	Acre	\$25.00	\$25.00	\$3,050.00	
Custom Haul - Sesame	15	CWT	\$0.12	\$1.80	\$219.60	
Miscellaneous						
Crop Insurance Sesame - Irrigated	1	Acre	\$12.50	\$12.50	\$1,525.00	
Herbicide						
Herbicide - Sesame	1	Acre	\$21.75	\$21.75	\$2,653.50	
Other Labor						
Hoeing	1	Acre	\$15.00	\$15.00	\$1,830.00	
Irrigation						
Energy Cost	11.00	AcreInch	\$10.00	\$110.00	\$13,420.00	
Irrigation Labor	1.00	Hour	\$12.00	\$12.00	\$1,464.00	
Machinery Labor						
Tractors/Self-Propelled	0.46	Hour	\$12.00	\$5.52	\$673.44	
Other Labor	0.54	Hour	\$12.00	\$6.48	\$790.56	
Diesel Fuel						
Tractors/Self-Propelled	2.4	Gallon	\$1.90	\$4.56	\$556.32	
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	\$19.25	\$19.25	\$2,348.50	
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%	\$7.99	\$975.09	
Total Variable Costs				\$318.20	\$38,820.71	
Planned Returns Above Variable Costs:				\$161.80	\$19,739.29	
Breakeven Price to Cover Variable Costs			\$0.21	Pound		
				Enterprise		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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 - Sesame	1	Acre	\$100.00	\$100.00	\$12,200.00	
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00	
Total Fixed Costs				\$205.25	\$25,040.50	
Total Specified Costs				\$523.45	\$63,861.21	
Returns Above Specified Costs				(\$43.45)	(\$5,301.21)	
Breakeven Price to Cover Total Costs			\$0.35	Pound		

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.