

**2023 Estimated Costs and Returns per Acre  
Irrigated Sesame  
Southwest Extension District - 10**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Sesame	10.00	CWT	\$39.00	\$390.00	\$47,580.00		
Total Revenue				\$390.00	\$47,580.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
Herbicide							
Select Max	0.1	Gallon	\$105.00	\$10.50	\$1,281.00		
Seed							
Sesame Seed	2.5	Pound	\$3.50	\$8.75	\$1,067.50		
Fertilizer							
UAN(32% N)	1.13	CWT	\$17.08	\$19.30	\$2,354.65		
Fertilizer 18-46-0	76	Pound	\$0.35	\$26.60	\$3,245.20		
Miscellaneous							
Crop Insurance - Sesame Irrigated	1	Acre	\$48.00	\$48.00	\$5,856.00		
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00	\$488.00		
Irrigation							
Energy Cost	561.00	kWh	\$0.17	\$95.37	\$11,635.14		
Irrigation Labor	0.07	Hour	\$17.50	\$1.19	\$145.18		
Machinery Labor							
Tractors/Self-Propelled	0.46	Hour	\$17.21	\$7.92	\$965.83		
Other Labor	0.04	Hour	\$17.21	\$0.69	\$83.98		
Diesel Fuel							
Tractors/Self-Propelled	3.75	Gallon	\$2.24	\$8.40	\$1,024.80		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$20.23	\$20.23	\$2,467.54		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37		
Irrigation Equipment	1	Acre	\$5.29	\$5.29	\$645.13		
Tractors/Self-Propelled	1	Acre	\$14.60	\$14.60	\$1,781.63		
Implements	1	Acre	\$6.15	\$6.15	\$750.12		
Interest on Credit Line			8.00%	\$9.38	\$1,144.85		
Total Variable Costs				\$291.20	\$35,526.94		
Planned Returns Above Variable Costs:				\$98.80	\$12,053.06		
Breakeven Price to Cover Variable Costs			\$29.12	CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85		
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25		
Tractors/Self-Propelled	1	Acre	\$14.29	\$14.29	\$1,743.50		
Implements	1	Acre	\$7.82	\$7.82	\$953.52		
Equipment Investment							
Pickup/General Use Equipment	\$105.02	Dollars	8.00%	\$8.40	\$1,024.95		
Irrigation Equipment	\$646.00	Dollars	8.00%	\$51.68	\$6,305.00		
Tractors/Self-Propelled	\$108.69	Dollars	8.00%	\$8.70	\$1,060.85		
Implements	\$39.19	Dollars	8.00%	\$3.14	\$382.51		
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00		
Total Fixed Costs				\$249.81	\$30,476.43		
Total Specified Costs				\$541.01	\$66,003.37		
Returns Above Specified Costs					(\$151.01)	(\$18,423.37)	
Breakeven Price to Cover Total Costs			\$54.10	CWT			

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**