

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2025 Estimated Costs and Returns per Acre**  
**Irrigated Sesame**  
**Southwest Extension District - 10**

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Sesame		10.00	CWT	\$39.00	\$390.00	\$47,580.00
Total Revenue					\$390.00	\$47,580.00
<b>VARIABLE COSTS</b>						
<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	\$3.00	\$11.25	\$1,372.50
Gasoline						
Pickup/General Use Equipment		1	Acre	\$26.61	\$26.61	\$3,246.77
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				8.60%	\$10.48	\$1,279.09
Total Variable Costs					\$301.54	\$36,788.10
Planned Returns Above Variable Costs:					\$88.46	\$10,791.90
Breakeven Price to Cover Variable Costs				\$30.15	CWT	
<b>FIXED COSTS</b>						
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	8.60%	\$9.03	\$1,101.82
Irrigation Equipment		\$646.00	Dollars	8.60%	\$55.56	\$6,777.88
Tractors/Self-Propelled		\$108.69	Dollars	8.60%	\$9.35	\$1,140.41
Implements		\$39.19	Dollars	8.60%	\$3.37	\$411.20
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$255.20	\$31,134.43
Total Specified Costs					\$556.74	\$67,922.53
Returns Above Specified Costs					(\$166.74)	(\$20,342.53)
Breakeven Price to Cover Total Costs				\$55.67	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	7.50	\$40.21	\$74.23
90%	9.00	\$33.50	\$61.86
100%	10.00	\$30.15	\$55.67
110%	11.00	\$27.41	\$50.61
125%	12.50	\$24.12	\$44.54

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.**