

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 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	\$35.00	\$350.00	\$42,700.00
Total Revenue					\$350.00	\$42,700.00
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>						
Fertilizer						
UAN(32% N)		1.13	CWT	\$13.00	\$14.69	\$1,792.18
Fertilizer 18-46-0		76	Pound	\$0.29	\$22.04	\$2,688.88
Herbicide						
Select Max		0.1	Gallon	\$87.00	\$8.70	\$1,061.40
Miscellaneous						
Crop Insurance - Sesame Irrigated		1	Acre	\$27.00	\$27.00	\$3,294.00
Miscellaneous Sesame Overhead		1	Acre	\$4.00	\$4.00	\$488.00
Seed						
Sesame Seed		2.5	Pound	\$3.50	\$8.75	\$1,067.50
Irrigation						
Energy Cost		561.00	kWh	\$0.17	\$95.37	\$11,635.14
Irrigation Labor		0.07	Hour	\$11.00	\$0.75	\$91.26
Machinery Labor						
Tractors/Self-Propelled		0.79	Hour	\$12.00	\$9.48	\$1,156.56
Other Labor		0.23	Hour	\$8.50	\$1.96	\$238.51
Diesel Fuel						
Tractors/Self-Propelled		7.3	Gallon	\$2.99	\$21.83	\$2,662.89
Gasoline						
Pickup/General Use Equipment		1	Acre	\$27.97	\$27.97	\$3,412.06
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	\$24.86	\$24.86	\$3,032.59
Implements		1	Acre	\$12.89	\$12.89	\$1,573.02
Interest on Credit Line				6.50%	\$7.75	\$945.69
Total Variable Costs					\$298.16	\$36,375.19
Planned Returns Above Variable Costs:					\$51.84	\$6,324.81
Breakeven Price to Cover Variable Costs				\$29.82	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	\$24.68	\$24.68	\$3,011.21
Implements		1	Acre	\$15.43	\$15.43	\$1,882.21
Equipment Investment						
Pickup/General Use Equipment		\$105.02	Dollars	6.50%	\$6.83	\$832.77
Irrigation Equipment		\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
Tractors/Self-Propelled		\$187.97	Dollars	6.50%	\$12.22	\$1,490.57
Implements		\$81.03	Dollars	6.50%	\$5.27	\$642.54
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$262.20	\$31,988.21
Total Specified Costs					\$560.36	\$68,363.39
Returns Above Specified Costs					(\$210.36)	(\$25,663.39)
Breakeven Price to Cover Total Costs				\$56.04	CWT	

**Example Breakeven Prices**

Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	7.50	\$39.75	\$74.71
90%	9.00	\$33.13	\$62.26
100%	10.00	\$29.82	\$56.04
110%	11.00	\$27.11	\$50.94
125%	12.50	\$23.85	\$44.83

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**