

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Sesame - Conventional Till-12 Row, Irrigated, 1100 lb. Yield Goal - 505 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres		505				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Sesame		1,100.00	Pound	\$0.28	\$308.00	\$155,540.00
Total Revenue					\$308.00	\$155,540.00
<b>VARIABLE COSTS</b>						
Production Costs						
Custom						
Haul Sesame (net)		11	CWT	\$0.05	\$0.55	\$277.75
Fertilizer						
24-8-0		0.1	Ton	\$256.00	\$25.60	\$12,928.00
Herbicide						
Glyphosate (Generic)		2	Quart	\$4.00	\$8.00	\$4,040.00
Sesame PostEmerge Herbicide		8	Ounce	\$0.70	\$5.60	\$2,828.00
Miscellaneous						
Pickup Milage Charge		1	Acre	\$3.88	\$3.88	\$1,959.40
Seed						
Sesame		2.5	Pound	\$4.00	\$10.00	\$5,050.00
Other Labor						
Hand Labor		0.08	Hour	\$16.00	\$1.28	\$646.40
Other Chemicals						
Crop Oil		2	Pint	\$1.50	\$3.00	\$1,515.00
Irrigation						
Energy Cost		6.00	AcreInch	\$2.10	\$12.60	\$6,363.00
Irrigation Labor		1.15	Hour	\$19.50	\$22.43	\$11,324.63
Machinery Labor						
Tractors/Self-Propelled		0.77	Hour	\$19.50	\$15.02	\$7,582.58
Diesel Fuel						
Tractors/Self-Propelled		8.66	Gallon	\$2.10	\$18.19	\$9,183.93
Repairs & Maintenance						
Irrigation Equipment		1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled		1	Acre	\$25.85	\$25.85	\$13,056.29
Implements		1	Acre	\$20.66	\$20.66	\$10,433.01
Interest on Credit Line				4.25%	\$3.85	\$1,941.77
Total Variable Costs					\$201.58	\$101,796.43
Planned Returns Above Variable Costs:					\$106.42	\$53,743.57
Breakeven Price to Cover Variable Costs				\$0.18	Pound	
<b>FIXED COSTS</b>						
Machinery Depreciation						
Irrigation Equipment		1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled		1	Acre	\$27.54	\$27.54	\$13,907.32
Implements		1	Acre	\$24.91	\$24.91	\$12,579.03
Equipment Investment						
Irrigation Equipment		\$293.56	Dollars	7.00%	\$20.55	\$10,377.50
Tractors/Self-Propelled		\$210.40	Dollars	7.00%	\$14.73	\$7,437.67
Implements		\$139.83	Dollars	7.00%	\$9.79	\$4,943.02
Management Fee, Owner/Operator Labor		1	Acre	\$15.40	\$15.40	\$7,777.00
LCB - Land Charge		1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs					\$211.10	\$106,604.87
Total Specified Costs					\$412.68	\$208,401.30
Returns Above Specified Costs					(\$104.68)	(\$52,861.30)
Breakeven Price to Cover Total Costs				\$0.38	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	825.00	\$0.24	\$0.50
90%	990.00	\$0.20	\$0.42
100%	1100.00	\$0.18	\$0.38
110%	1210.00	\$0.17	\$0.34
125%	1375.00	\$0.15	\$0.30

Developed by Extension Economists, Texas A&M AgriLife Extension Service.

**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.**