

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal - 500 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres		500				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Sesame		800.00	Pound	\$0.28	\$224.00	\$112,000.00
Total Revenue					\$224.00	\$112,000.00
<b>VARIABLE COSTS</b>						Enterprise Total
<b>Production Costs</b>						
Custom						
Haul Sesame (net)		8	CWT	\$0.05	\$0.40	\$200.00
Fertilizer						
24-8-0		0.0833	Ton	\$256.00	\$21.32	\$10,662.40
Herbicide						
Glyphosate (Generic)		2	Quart	\$4.00	\$8.00	\$4,000.00
Sesame PostEmerge Herbicide		8	Ounce	\$0.70	\$5.60	\$2,800.00
Miscellaneous						
Pickup Milage Charge		1	Acre	\$3.88	\$3.88	\$1,940.00
Seed						
Sesame		2	Pound	\$4.00	\$8.00	\$4,000.00
Other Labor						
Hand Labor		0.08	Hour	\$16.00	\$1.28	\$640.00
Machinery Labor						
Tractors/Self-Propelled		0.77	Hour	\$19.50	\$15.02	\$7,507.50
Diesel Fuel						
Tractors/Self-Propelled		8.66	Gallon	\$2.10	\$18.19	\$9,093.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$25.85	\$25.85	\$12,927.02
Implements		1	Acre	\$20.66	\$20.66	\$10,329.72
Interest on Credit Line				4.25%	\$2.40	\$1,201.72
Total Variable Costs					\$130.60	\$65,301.36
Planned Returns Above Variable Costs:					\$93.40	\$46,698.64
Breakeven Price to Cover Variable Costs				\$0.16	Pound	
<b>FIXED COSTS</b>						Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$27.54	\$27.54	\$13,769.63
Implements		1	Acre	\$24.91	\$24.91	\$12,454.48
Equipment Investment						
Tractors/Self-Propelled		\$210.40	Dollars	7.00%	\$14.73	\$7,364.03
Implements		\$139.83	Dollars	7.00%	\$9.79	\$4,894.08
Management Fee, Owner/Operator Labor		1	Acre	\$11.20	\$11.20	\$5,600.00
LCB - Land Charge		1	Acre	\$70.00	\$70.00	\$35,000.00
Total Fixed Costs					\$158.16	\$79,082.21
Total Specified Costs					\$288.77	\$144,383.57
Returns Above Specified Costs					(\$64.77)	(\$32,383.57)
Breakeven Price to Cover Total Costs				\$0.36	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$0.22	\$0.48
90%	720.00	\$0.18	\$0.40
100%	800.00	\$0.16	\$0.36
110%	880.00	\$0.15	\$0.33
125%	1000.00	\$0.13	\$0.29

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.**