

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2014 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal - 500 Acres
Coastal Bend Extension District - 11 (Lower Coast)

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sesame	800.00	Pound	\$0.40	\$320.00		\$160,000.00
Total Revenue				\$320.00		\$160,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Sesame	3	Pound	\$4.00	\$12.00		\$6,000.00
Fertilizer						
24-8-0 LC	0.0833	Ton	\$365.00	\$30.40		\$15,202.25
Herbicide						
Glyphosate (Generic)	1	Quart	\$4.04	\$4.04		\$2,020.00
Sesame PostEmerge Herbicide	8	Ounce	\$0.83	\$6.64		\$3,320.00
Glyphosate (Generic)	1	Quart	\$4.04	\$4.04		\$2,020.00
Miscellaneous						
Pickup Milage Charge	1	Acre	\$3.88	\$3.88		\$1,940.00
Custom						
Haul Sesame (net)	8	CWT	\$0.05	\$0.40		\$200.00
Other Labor						
Hand Labor	0.08	Hour	\$7.50	\$0.60		\$300.00
Machinery Labor						
Tractors/Self-Propelled	0.53	Hour	\$13.75	\$7.29		\$3,643.75
Diesel Fuel						
Tractors/Self-Propelled	6.65	Gallon	\$3.30	\$21.95		\$10,972.50
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$11.92	\$11.92		\$5,962.37
Implements	1	Acre	\$3.93	\$3.93		\$1,964.52
Interest on Credit Line			5.00%	\$2.13		\$1,065.43
Total Variable Costs				\$109.22		\$54,610.81
Planned Returns Above Variable Costs:				\$210.78		\$105,389.19
Breakeven Price to Cover Variable Costs			\$0.14	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$13.46	\$13.46		\$6,730.77
Implements	1	Acre	\$4.03	\$4.03		\$2,014.87
Equipment Investment						
Tractors/Self-Propelled	\$149.12	Dollars	7.00%	\$10.44		\$5,219.30
Implements	\$48.14	Dollars	7.00%	\$3.37		\$1,684.91
Management Fee, Ownwer/Operator Labor	1	Acre	\$16.00	\$16.00		\$8,000.00
LCB - Land Charge	1	Acre	\$55.00	\$55.00		\$27,500.00
Total Fixed Costs				\$102.30		\$51,149.84
Total Specified Costs				\$211.52		\$105,760.65
Returns Above Specified Costs				\$108.48		\$54,239.35
Breakeven Price to Cover Total Costs			\$0.26	Pound		

Example Breakeven Prices						
Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	600.00	\$0.18	\$0.18	\$0.35	\$0.35	\$0.00
90%	720.00	\$0.15	\$0.15	\$0.29	\$0.29	\$0.00
100%	800.00	\$0.14	\$0.14	\$0.26	\$0.26	\$0.00
110%	880.00	\$0.12	\$0.12	\$0.24	\$0.24	\$0.00
125%	1000.00	\$0.11	\$0.11	\$0.21	\$0.21	\$0.00

Developed by Levi Russell, Assistant Professor and Extension Economist, 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.