

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal - 500 Acres
Lower Coastal Bend Extension District - 11

| Crop Acres | | 500 | | | | Enterprise |
|--|----------|---------|---------------|-----------------|--|---------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | | Total |
| Sesame | 800.00 | Pound | \$0.42 | \$336.00 | | \$168,000.00 |
| Total Revenue | | | | \$336.00 | | \$168,000.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | | Enterprise |
| Production Costs | | | | | | |
| Custom | | | | | | |
| Haul Sesame (net) | 8 | CWT | \$0.05 | \$0.40 | | \$200.00 |
| Fertilizer | | | | | | |
| 24-8-0 LC | 0.0833 | Ton | \$325.00 | \$27.07 | | \$13,536.25 |
| Herbicide | | | | | | |
| Glyphosate (Generic) | 2 | Quart | \$4.04 | \$8.08 | | \$4,040.00 |
| Sesame PostEmerge Herbicide | 8 | Ounce | \$0.63 | \$5.04 | | \$2,520.00 |
| Seed | | | | | | |
| Sesame | 2 | Pound | \$4.00 | \$8.00 | | \$4,000.00 |
| Miscellaneous | | | | | | |
| Pickup Milage Charge | 1 | Acre | \$3.88 | \$3.88 | | \$1,940.00 |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 0.77 | Hour | \$19.50 | \$15.02 | | \$7,507.50 |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 8.64 | Gallon | \$3.30 | \$28.51 | | \$14,256.00 |
| Repairs & Maintenance | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$25.79 | \$25.79 | | \$12,895.91 |
| Implements | 1 | Acre | \$16.78 | \$16.78 | | \$8,388.62 |
| Interest on Credit Line | | | 5.00% | \$2.73 | | \$1,362.82 |
| Total Variable Costs | | | | \$141.29 | | \$70,647.11 |
| Planned Returns Above Variable Costs: | | | | \$194.71 | | \$97,352.89 |
| Breakeven Price to Cover Variable Costs | | | \$0.18 | Pound | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | | Enterprise |
| Machinery Depreciation | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$27.47 | \$27.47 | | \$13,737.49 |
| Implements | 1 | Acre | \$20.26 | \$20.26 | | \$10,131.89 |
| Equipment Investment | | | | | | |
| Tractors/Self-Propelled | \$311.78 | Dollars | 7.00% | \$21.82 | | \$10,912.41 |
| Implements | \$190.51 | Dollars | 7.00% | \$13.34 | | \$6,667.73 |
| Management Fee, Owner/Operator Labor | 1 | Acre | \$16.80 | \$16.80 | | \$8,400.00 |
| LCB - Land Charge | 1 | Acre | \$70.00 | \$70.00 | | \$35,000.00 |
| Total Fixed Costs | | | | \$169.70 | | \$84,849.51 |
| Total Specified Costs | | | | \$310.99 | | \$155,496.62 |
| Returns Above Specified Costs | | | | \$25.01 | | \$12,503.38 |
| Breakeven Price to Cover Total Costs | | | \$0.39 | 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 | Share/Tenant | Own/Rent | Share/Tenant | Landlord |
| 75% | 600.00 | \$0.24 | \$0.24 | \$0.52 | \$0.52 | \$0.00 |
| 90% | 720.00 | \$0.20 | \$0.20 | \$0.43 | \$0.43 | \$0.00 |
| 100% | 800.00 | \$0.18 | \$0.18 | \$0.39 | \$0.39 | \$0.00 |
| 110% | 880.00 | \$0.16 | \$0.16 | \$0.35 | \$0.35 | \$0.00 |
| 125% | 1000.00 | \$0.14 | \$0.14 | \$0.31 | \$0.31 | \$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.