

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 Estimated Costs and Returns per Acre
Dryland Sesame
West Central Extension District - 7

| Crop Acres | | 125 | | | | |
|---|--|----------|---------|---------|-----------|------------------|
| REVENUE | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Sesame Seed | | 500.00 | Pound | \$0.35 | \$175.00 | \$21,875.00 |
| Total Revenue | | | | | \$175.00 | \$21,875.00 |
| VARIABLE COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | | |
| Herbicide | | | | | | |
| Glyphosate | | 11 | Ounce | \$0.13 | \$1.46 | \$182.62 |
| Medal | | 1.3 | Pint | \$7.00 | \$9.10 | \$1,137.50 |
| Custom | | | | | | |
| Soil Test-Dryland | | 1 | Each | \$0.25 | \$0.25 | \$31.25 |
| Custom Harvest Sesame | | 1 | Acre | \$25.00 | \$25.00 | \$3,125.00 |
| Custom Haul Sesame | | 14.28571 | Bushels | \$0.27 | \$3.86 | \$482.14 |
| Fertilizer | | | | | | |
| Nitrogen Dry-Urea | | 30 | Pounds | \$0.40 | \$12.07 | \$1,508.25 |
| Miscellaneous | | | | | | |
| Crop Insurance Sesame | | 1 | Acre | \$15.00 | \$15.00 | \$1,875.00 |
| Duct Tape | | 0.28125 | Roll | \$4.00 | \$1.13 | \$140.63 |
| Seed | | | | | | |
| Seed Sesame | | 4 | Pounds | \$6.00 | \$24.00 | \$3,000.00 |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | | 0.55 | Hour | \$15.00 | \$8.25 | \$1,031.25 |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | | 4.36 | Gallon | \$1.50 | \$6.54 | \$817.50 |
| Gasoline | | | | | | |
| Pickup/General Use Equipment | | 1 | Acre | \$1.09 | \$1.09 | \$136.32 |
| Repairs & Maintenance | | | | | | |
| Pickup/General Use Equipment | | 1 | Acre | \$0.58 | \$0.58 | \$73.00 |
| Tractors/Self-Propelled | | 1 | Acre | \$11.22 | \$11.22 | \$1,402.95 |
| Implements | | 1 | Acre | \$12.92 | \$12.92 | \$1,614.88 |
| Interest on Credit Line | | | | 4.55% | \$2.58 | \$322.22 |
| Total Variable Costs | | | | | \$135.04 | \$16,880.50 |
| Planned Returns Above Variable Costs: | | | | | \$39.96 | \$4,994.50 |
| Breakeven Price to Cover Variable Costs | | | | | \$0.27 | Pound |
| FIXED COSTS | | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Machinery Depreciation | | | | | | |
| Pickup/General Use Equipment | | 1 | Acre | \$1.24 | \$1.24 | \$154.80 |
| Tractors/Self-Propelled | | 1 | Acre | \$13.69 | \$13.69 | \$1,711.22 |
| Implements | | 1 | Acre | \$16.37 | \$16.37 | \$2,046.75 |
| Equipment Investment | | | | | | |
| Pickup/General Use Equipment | | \$6.86 | Dollars | 5.50% | \$0.38 | \$47.19 |
| Tractors/Self-Propelled | | \$105.64 | Dollars | 5.50% | \$5.81 | \$726.27 |
| Implements | | \$70.11 | Dollars | 5.50% | \$3.86 | \$482.02 |
| Management Fee, Owner/Operator Labor | | 1 | Acre | \$10.00 | \$10.00 | \$1,250.00 |
| Rent-Dryland Crop | | 1 | Acre | \$35.00 | \$35.00 | \$4,375.00 |
| Total Fixed Costs | | | | | \$86.35 | \$10,793.25 |
| Total Specified Costs | | | | | \$221.39 | \$27,673.75 |
| Returns Above Specified Costs | | | | | (\$46.39) | (\$5,798.75) |
| Breakeven Price to Cover Total Costs | | | | | \$0.44 | Pound |

| Example Breakeven Prices | | | |
|--------------------------|---------------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield Pound | To Cover Variable Costs | To Cover Total Costs |
| 75% | 375.00 | \$0.36 | \$0.59 |
| 90% | 450.00 | \$0.30 | \$0.49 |
| 100% | 500.00 | \$0.27 | \$0.44 |
| 110% | 550.00 | \$0.25 | \$0.40 |
| 125% | 625.00 | \$0.22 | \$0.35 |

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.