

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Dryland Sesame**  
**South Plains Extension District - 2**

| Crop Acres                                  |          | 160    |               |                  |                     |
|---|----------|--------|---------------|------------------|---------------------|
| REVENUE                                     | Quantity | Units  | \$/Unit       | Total            | Enterprise Total    |
| Sesame - Non-irrigated                      | 700.00   | Pound  | \$0.28        | \$196.00         | \$31,360.00         |
| <b>Total Revenue</b>                        |          |        |               | <b>\$196.00</b>  | <b>\$31,360.00</b>  |
| VARIABLE COSTS                              | Quantity | Units  | \$/Unit       | Total            | Enterprise Total    |
| <b>Production Costs</b>                     |          |        |               |                  |                     |
| Custom                                      |          |        |               |                  |                     |
| Fertilizer Application - Liquid High        | 1        | Acre   | \$4.75        | \$4.75           | \$760.00            |
| Custom Harvest - Sesame                     | 1        | Acre   | \$25.00       | \$25.00          | \$4,000.00          |
| Custom Haul - Sesame                        | 7        | CWT    | \$0.12        | \$0.84           | \$134.40            |
| Fertilizer                                  |          |        |               |                  |                     |
| Fertilizer (N) - Liquid                     | 30       | Pound  | \$0.39        | \$11.72          | \$1,875.00          |
| Herbicide                                   |          |        |               |                  |                     |
| Herbicide - Sesame                          | 1        | Acre   | \$21.75       | \$21.75          | \$3,480.00          |
| Miscellaneous                               |          |        |               |                  |                     |
| Crop Insurance Sesame - Dryland             | 1        | Acre   | \$10.00       | \$10.00          | \$1,600.00          |
| Seed  |          |        |               |                  |                     |
| Seed - Sesame                               | 2.5      | Pound  | \$4.00        | \$10.00          | \$1,600.00          |
| Machinery Labor                             |          |        |               |                  |                     |
| Tractors/Self-Propelled                     | 0.46     | Hour   | \$12.00       | \$5.52           | \$883.20            |
| Other Labor                                 | 0.54     | Hour   | \$12.00       | \$6.48           | \$1,036.80          |
| Diesel Fuel                                 |          |        |               |                  |                     |
| Tractors/Self-Propelled                     | 2.2      | Gallon | \$2.30        | \$5.06           | \$809.60            |
| Gasoline                                    |          |        |               |                  |                     |
| Pickup/General Use Equipment                | 1        | Acre   | \$6.00        | \$6.00           | \$960.00            |
| Repairs & Maintenance                       |          |        |               |                  |                     |
| Pickup/General Use Equipment                | 1        | Acre   | \$0.50        | \$0.50           | \$80.00             |
| Tractors/Self-Propelled                     | 1        | Acre   | \$6.00        | \$6.00           | \$960.00            |
| Implements                                  | 1        | Acre   | \$3.00        | \$3.00           | \$480.00            |
| Interest on Credit Line                     |          |        | 6.00%         | \$3.83           | \$612.06            |
| <b>Total Variable Costs</b>                 |          |        |               | <b>\$120.44</b>  | <b>\$19,271.06</b>  |
| Planned Returns Above Variable Costs:       |          |        |               | \$75.56          | \$12,088.94         |
| Breakeven Price to Cover Variable Costs     |          |        | \$0.17        | Pound            |                     |
| FIXED COSTS                                 | Quantity | Units  | \$/Unit       | Total            | Enterprise Total    |
| Equipment Fixed Costs                       |          |        |               |                  |                     |
| Pickup/General Use Equipment                | 1        | Acre   | \$1.25        | \$1.25           | \$200.00            |
| Tractors/Self-Propelled                     | 1        | Acre   | \$12.00       | \$12.00          | \$1,920.00          |
| Implements                                  | 1        | Acre   | \$10.00       | \$10.00          | \$1,600.00          |
| Management Fee, Owner/Operator Labor        | 1        | Acre   | \$25.00       | \$25.00          | \$4,000.00          |
| Cash Rent - Dryland                         | 1        | Acre   | \$50.00       | \$50.00          | \$8,000.00          |
| Whole Farm Insurance                        | 1        | Acre   | \$2.00        | \$2.00           | \$320.00            |
| <b>Total Fixed Costs</b>                    |          |        |               | <b>\$100.25</b>  | <b>\$16,040.00</b>  |
| <b>Total Specified Costs</b>                |          |        |               | <b>\$220.69</b>  | <b>\$35,311.06</b>  |
| Returns Above Specified Costs               |          |        |               | <b>(\$24.69)</b> | <b>(\$3,951.06)</b> |
| <b>Breakeven Price to Cover Total Costs</b> |          |        | <b>\$0.32</b> | <b>Pound</b>     |                     |

| Example Breakeven Prices |                     |                         |                      |
|--------------------------|---------------------|-------------------------|----------------------|
| Example Yield Percent    | Example Yield Pound | To Cover Variable Costs | To Cover Total Costs |
| 75%                      | 525.00              | \$0.23                  | \$0.42               |
| 90%                      | 630.00              | \$0.19                  | \$0.35               |
| 100%                     | 700.00              | \$0.17                  | \$0.32               |
| 110%                     | 770.00              | \$0.16                  | \$0.29               |
| 125%                     | 875.00              | \$0.14                  | \$0.25               |

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**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.**