

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**Dryland Sesame - 100 Acres**  
**Southwest Extension District - 10**

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sesame	5.00	CWT	\$31.00	\$155.00	\$15,500.00
<b>Total Revenue</b>				<b>\$155.00</b>	<b>\$15,500.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Select Max	0.1	Gallon	\$65.00	\$6.50	\$650.00
Seed					
Sesame Seed	2.5	Pound	\$3.50	\$8.75	\$875.00
Fertilizer					
UAN(32% N)	0.82	CWT	\$16.00	\$13.12	\$1,312.00
Fertilizer 18-46-0	22	Pound	\$0.27	\$5.94	\$594.00
Miscellaneous					
Crop Insurance - Sesame Dry	1	Acre	\$18.00	\$18.00	\$1,800.00
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Machinery Labor					
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
Diesel Fuel					
Tractors/Self-Propelled	7.41	Gallon	\$2.10	\$15.56	\$1,556.10
Gasoline					
Pickup/General Use Equipment	1	Acre	\$19.35	\$19.35	\$1,935.20
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84
Tractors/Self-Propelled	1	Acre	\$21.87	\$21.87	\$2,187.47
Implements	1	Acre	\$13.41	\$13.41	\$1,341.07
Interest on Credit Line			6.50%	\$3.84	\$383.99
<b>Total Variable Costs</b>				<b>\$147.43</b>	<b>\$14,742.66</b>
Planned Returns Above Variable Costs:				\$7.57	\$757.34
Breakeven Price to Cover Variable Costs			\$29.49	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$2,520.00
Tractors/Self-Propelled	1	Acre	\$22.49	\$22.49	\$2,249.38
Implements	1	Acre	\$16.20	\$16.20	\$1,620.36
Equipment Investment					
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50
Tractors/Self-Propelled	\$172.94	Dollars	6.50%	\$11.24	\$1,124.12
Implements	\$81.60	Dollars	6.50%	\$5.30	\$530.39
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00
<b>Total Fixed Costs</b>				<b>\$107.27</b>	<b>\$10,726.74</b>
<b>Total Specified Costs</b>				<b>\$254.69</b>	<b>\$25,469.40</b>
Returns Above Specified Costs				<b>(\$99.69)</b>	<b>(\$9,969.40)</b>
Breakeven Price to Cover Total Costs			\$50.94	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	3.75	\$39.31	\$67.92
90%	4.50	\$32.76	\$56.60
100%	5.00	\$29.49	\$50.94
110%	5.50	\$26.80	\$46.31
125%	6.25	\$23.59	\$40.75

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

**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.**