

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2016 Estimated Costs and Returns per Acre**  
**Dryland Sesame - 125 Acres**  
**West Central Extension District - 7**

Crop Acres		125				
<b>REVENUE</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame Seed		500.00	Pound	\$0.31	\$155.00	\$19,375.00
Total Revenue					\$155.00	\$19,375.00
<b>VARIABLE COSTS</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>						
Herbicide						
	Glyphosate	11	Ounce	\$0.12	\$1.27	\$158.40
	Medal	1.3	Pint	\$7.00	\$9.10	\$1,137.50
Seed						
	Seed Sesame	4	Pounds	\$5.00	\$20.00	\$2,500.00
Fertilizer						
	Nitrogen Dry-Urea	30	Pounds	\$0.42	\$12.72	\$1,589.67
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	\$0.25	\$3.57	\$446.43
Miscellaneous						
	Crop Insurance Sesame	1	Acre	\$7.37	\$7.37	\$921.25
	Duct Tape	0.5	Roll	\$4.00	\$2.00	\$250.00
Machinery Labor						
	Tractors/Self-Propelled	0.88	Hour	\$12.00	\$10.56	\$1,320.00
Diesel Fuel						
	Tractors/Self-Propelled	5.17	Gallon	\$1.50	\$7.76	\$969.38
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$1.16	\$1.16	\$144.80
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$0.58	\$0.58	\$73.00
	Tractors/Self-Propelled	1	Acre	\$10.70	\$10.70	\$1,338.06
	Implements	1	Acre	\$12.81	\$12.81	\$1,600.83
	Interest on Credit Line			6.50%	\$2.72	\$340.62
Total Variable Costs					\$127.57	\$15,946.18
Planned Returns Above Variable Costs:					\$27.43	\$3,428.82
Breakeven Price to Cover Variable Costs				\$0.26	Pound	
<b>FIXED COSTS</b>		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	\$12.56	\$12.56	\$1,570.03
	Implements	1	Acre	\$16.56	\$16.56	\$2,069.76
Equipment Investment						
	Pickup/General Use Equipment	\$6.86	Dollars	6.50%	\$0.45	\$55.77
	Tractors/Self-Propelled	\$97.12	Dollars	6.50%	\$6.31	\$789.11
	Implements	\$73.12	Dollars	6.50%	\$4.75	\$594.14
	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$4,375.00
Total Fixed Costs					\$76.87	\$9,608.60
Total Specified Costs					\$204.44	\$25,554.79
Returns Above Specified Costs					(\$49.44)	(\$6,179.79)
Breakeven Price to Cover Total Costs				\$0.41	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	0.00	\$0.34	\$0.55
90%	0.00	\$0.28	\$0.45
100%	0.00	\$0.26	\$0.41
110%	0.00	\$0.23	\$0.37
125%	0.00	\$0.20	\$0.33

Developed by Bill Thompson, Associate 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.**