

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Dryland Sesame - 125 Acres**  
**West Central Extension District - 7**

Crop Acres		125				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Sesame Seed		500.00	Pound	\$0.38	\$190.00	\$23,750.00
Total Revenue					\$190.00	\$23,750.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
	Custom Harvest Sesame	1	Acre	\$25.00	\$25.00	\$3,125.00
	Custom Haul Sesame	14.28571	Bushels	\$0.25	\$3.57	\$446.43
	Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$31.25
Fertilizer						
	Nitrogen Dry	30	Pounds	\$0.55	\$16.63	\$2,078.63
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
Miscellaneous						
	Crop Insurance Sesame	1	Acre	\$10.00	\$10.00	\$1,250.00
	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	\$2.75	\$14.22	\$1,777.19
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$1.24	\$1.24	\$155.40
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	\$11.53	\$11.53	\$1,441.80
	Interest on Credit Line			3.75%	\$1.85	\$231.02
Total Variable Costs					\$138.51	\$17,313.67
Planned Returns Above Variable Costs:					\$51.49	\$6,436.33
Breakeven Price to Cover Variable Costs				\$0.28	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	\$12.56	\$12.56	\$1,570.03
	Implements	1	Acre	\$14.66	\$14.66	\$1,832.13
Equipment Investment						
	Pickup/General Use Equipment	\$12.48	Dollars	3.75%	\$0.47	\$58.50
	Tractors/Self-Propelled	\$142.09	Dollars	3.75%	\$5.33	\$666.03
	Implements	\$118.05	Dollars	3.75%	\$4.43	\$553.35
	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$4,375.00
Total Fixed Costs					\$73.68	\$9,209.84
Total Specified Costs					\$212.19	\$26,523.52
Returns Above Specified Costs					(\$22.19)	(\$2,773.52)
Breakeven Price to Cover Total Costs				\$0.42	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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	375.00	\$0.37	\$0.37	\$0.57	\$0.57	\$0.00
90%	450.00	\$0.31	\$0.31	\$0.47	\$0.47	\$0.00
100%	500.00	\$0.28	\$0.28	\$0.42	\$0.42	\$0.00
110%	550.00	\$0.25	\$0.25	\$0.39	\$0.39	\$0.00
125%	625.00	\$0.22	\$0.22	\$0.34	\$0.34	\$0.00

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.**