

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Dryland Sesame - 125 Acres**  
**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	\$0.07	\$0.77	\$96.25
	Medal (replaced Dual Magnum)	1.3	Pint	\$7.00	\$9.10	\$1,137.50
Seed						
	Seed Sesame	4	Pounds	\$6.00	\$24.00	\$3,000.00
Fertilizer						
	Nitrogen Dry-Urea	30	Pounds	\$0.39	\$11.74	\$1,467.39
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
Miscellaneous						
	Crop Insurance Sesame	1	Acre	\$7.37	\$7.37	\$921.25
	Duct Tape	0.28125	Roll	\$4.00	\$1.13	\$140.63
Machinery Labor						
	Tractors/Self-Propelled	0.55	Hour	\$12.00	\$6.60	\$825.00
Diesel Fuel						
	Tractors/Self-Propelled	4.3	Gallon	\$1.75	\$7.53	\$940.63
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	\$9.72	\$9.72	\$1,215.33
	Implements	1	Acre	\$12.41	\$12.41	\$1,550.74
	Interest on Credit Line			5.25%	\$2.44	\$304.63
Total Variable Costs					\$123.64	\$15,455.54
Planned Returns Above Variable Costs:					\$51.36	\$6,419.46
Breakeven Price to Cover Variable Costs				\$0.25	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	\$11.83	\$11.83	\$1,479.14
	Implements	1	Acre	\$15.52	\$15.52	\$1,940.16
Equipment Investment						
	Pickup/General Use Equipment	\$6.86	Dollars	5.25%	\$0.36	\$45.05
	Tractors/Self-Propelled	\$91.31	Dollars	5.25%	\$4.79	\$599.24
	Implements	\$68.28	Dollars	5.25%	\$3.58	\$448.07
	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					\$82.33	\$10,291.46
Total Specified Costs					\$205.98	\$25,747.00
Returns Above Specified Costs					(\$30.98)	(\$3,872.00)
Breakeven Price to Cover Total Costs				\$0.41	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	375.00	\$0.33	\$0.55
90%	450.00	\$0.27	\$0.46
100%	500.00	\$0.25	\$0.41
110%	550.00	\$0.22	\$0.37
125%	625.00	\$0.20	\$0.33

Developed by Bill Thompson, Associate 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.**