

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Dryland Sesame
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						
Seed						
	Seed Sesame	4	Pounds	\$6.00	\$24.00	\$3,000.00
Fertilizer						
	Nitrogen Dry-Urea	30	Pounds	\$0.37	\$11.10	\$1,387.50
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
Herbicide						
	Glyphosate	11	Ounce	\$0.13	\$1.43	\$178.75
	Medal (replaced Dual Magnum)	1.3	Pint	\$7.00	\$9.10	\$1,137.50
Machinery Labor						
	Tractors/Self-Propelled	0.55	Hour	\$12.00	\$6.60	\$825.00
Diesel Fuel						
	Tractors/Self-Propelled	4.37	Gallon	\$2.15	\$9.40	\$1,174.44
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$1.29	\$1.29	\$161.76
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$0.58	\$0.58	\$73.00
	Tractors/Self-Propelled	1	Acre	\$9.84	\$9.84	\$1,229.51
	Implements	1	Acre	\$12.17	\$12.17	\$1,520.73
	Interest on Credit Line			6.00%	\$3.06	\$381.93
Total Variable Costs					\$126.16	\$15,770.38
Planned Returns Above Variable Costs:					\$48.84	\$6,104.62
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	\$11.77	\$11.77	\$1,470.63
	Implements	1	Acre	\$15.25	\$15.25	\$1,905.80
Equipment Investment						
	Pickup/General Use Equipment	\$6.86	Dollars	6.00%	\$0.41	\$51.48
	Tractors/Self-Propelled	\$90.87	Dollars	6.00%	\$5.45	\$681.55
	Implements	\$67.10	Dollars	6.00%	\$4.03	\$503.26
Management Fee, Owner/Operator Labor						
	Rent-Dryland Crop	1	Acre	\$10.00	\$10.00	\$1,250.00
	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$4,375.00
Total Fixed Costs					\$83.14	\$10,392.52
Total Specified Costs					\$209.30	\$26,162.90
Returns Above Specified Costs					(\$34.30)	(\$4,287.90)
Breakeven Price to Cover Total Costs				\$0.42	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	375.00	\$0.34	\$0.56
90%	450.00	\$0.28	\$0.47
100%	500.00	\$0.25	\$0.42
110%	550.00	\$0.23	\$0.38
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.