

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 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	\$0.48			\$14.51	\$1,813.50
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			\$1.40	\$175.04
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	\$2.60			\$11.36	\$1,420.25
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	\$9.91			\$9.91	\$1,239.14
Implements		1	Acre	\$12.35			\$12.35	\$1,543.86
Interest on Credit Line				6.00%			\$3.26	\$407.65
Total Variable Costs							\$131.98	\$16,496.97
Planned Returns Above Variable Costs:							\$43.02	\$5,378.03
Breakeven Price to Cover Variable Costs						\$0.26	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	\$11.94			\$11.94	\$1,492.67
Implements		1	Acre	\$15.38			\$15.38	\$1,922.70
Equipment Investment								
Pickup/General Use Equipment		\$6.86	Dollars	6.00%			\$0.41	\$51.48
Tractors/Self-Propelled		\$92.20	Dollars	6.00%			\$5.53	\$691.53
Implements		\$67.68	Dollars	6.00%			\$4.06	\$507.60
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							\$83.57	\$10,445.77
Total Specified Costs							\$215.54	\$26,942.74
Returns Above Specified Costs							(\$40.54)	(\$5,067.74)
Breakeven Price to Cover Total Costs						\$0.43	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	375.00	\$0.35	\$0.57
90%	450.00	\$0.29	\$0.48
100%	500.00	\$0.26	\$0.43
110%	550.00	\$0.24	\$0.39
125%	625.00	\$0.21	\$0.34

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.