

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Dryland Sesame
Southwest Extension District - 10

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sesame	5.00	CWT	\$35.00	\$175.00	\$17,500.00	
Total Revenue				\$175.00	\$17,500.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Seed						
Sesame Seed	2.5	Pound	\$3.50	\$8.75	\$875.00	
Fertilizer						
UAN(32% N)	0.82	CWT	\$13.00	\$10.66	\$1,066.00	
Fertilizer 18-46-0	22	Pound	\$0.29	\$6.38	\$638.00	
Miscellaneous						
Crop Insurance - Sesame Dry	1	Acre	\$18.00	\$18.00	\$1,800.00	
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00	\$400.00	
Herbicide						
Select Max	0.1	Gallon	\$87.00	\$8.70	\$870.00	
Machinery Labor						
Tractors/Self-Propelled	0.79	Hour	\$12.00	\$9.48	\$948.00	
Other Labor	0.23	Hour	\$8.50	\$1.96	\$195.50	
Diesel Fuel						
Tractors/Self-Propelled	7.3	Gallon	\$2.99	\$21.83	\$2,182.70	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$27.96	\$27.96	\$2,796.36	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84	
Tractors/Self-Propelled	1	Acre	\$24.86	\$24.86	\$2,485.73	
Implements	1	Acre	\$12.89	\$12.89	\$1,289.36	
Interest on Credit Line			6.50%	\$4.76	\$475.61	
Total Variable Costs				\$165.06	\$16,506.10	
Planned Returns Above Variable Costs:				\$9.94	\$993.90	
Breakeven Price to Cover Variable Costs			\$33.01	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$2,520.00	
Tractors/Self-Propelled	1	Acre	\$24.68	\$24.68	\$2,468.20	
Implements	1	Acre	\$15.43	\$15.43	\$1,542.79	
Equipment Investment						
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50	
Tractors/Self-Propelled	\$187.97	Dollars	6.50%	\$12.22	\$1,221.78	
Implements	\$81.03	Dollars	6.50%	\$5.27	\$526.67	
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00	
Total Fixed Costs				\$109.62	\$10,961.95	
Total Specified Costs				\$274.68	\$27,468.04	
Returns Above Specified Costs					(\$99.68) (\$9,968.04)	
Breakeven Price to Cover Total Costs			\$54.94	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	3.75	\$44.02	\$73.25
90%	4.50	\$36.68	\$61.04
100%	5.00	\$33.01	\$54.94
110%	5.50	\$30.01	\$49.94
125%	6.25	\$26.41	\$43.95

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.