

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Dryland Sesame
Southwest Extension District - 10

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sesame	5.00	CWT	\$35.00	\$175.00	\$175.00	\$17,500.00
Total Revenue				\$175.00	\$175.00	\$17,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Sesame Seed	2.5	Pound	\$3.50	\$8.75	\$8.75	\$875.00
Fertilizer						
UAN(32% N)	0.82	CWT	\$17.00	\$13.94	\$13.94	\$1,394.00
Fertilizer 18-46-0	22	Pound	\$0.24	\$5.28	\$5.28	\$528.00
Miscellaneous						
Crop Insurance - Sesame Dry	1	Acre	\$18.00	\$18.00	\$18.00	\$1,800.00
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00	\$4.00	\$400.00
Herbicide						
Select Max	0.1	Gallon	\$65.00	\$6.50	\$6.50	\$650.00
Machinery Labor						
Tractors/Self-Propelled	0.79	Hour	\$12.00	\$9.48	\$9.48	\$948.00
Other Labor	0.23	Hour	\$8.50	\$1.96	\$1.96	\$195.50
Diesel Fuel						
Tractors/Self-Propelled	7.3	Gallon	\$2.14	\$15.62	\$15.62	\$1,562.20
Gasoline						
Pickup/General Use Equipment	1	Acre	\$23.13	\$23.13	\$23.13	\$2,312.56
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$4.84	\$483.84
Tractors/Self-Propelled	1	Acre	\$24.20	\$24.20	\$24.20	\$2,419.95
Implements	1	Acre	\$12.79	\$12.79	\$12.79	\$1,279.37
Interest on Credit Line			6.50%	\$4.39	\$4.39	\$438.83
Total Variable Costs				\$152.87	\$152.87	\$15,287.25
Planned Returns Above Variable Costs:				\$22.13	\$22.13	\$2,212.75
Breakeven Price to Cover Variable Costs			\$30.57	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$25.20	\$2,520.00
Tractors/Self-Propelled	1	Acre	\$24.06	\$24.06	\$24.06	\$2,406.11
Implements	1	Acre	\$15.28	\$15.28	\$15.28	\$1,528.27
Equipment Investment						
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$6.83	\$682.50
Tractors/Self-Propelled	\$183.30	Dollars	6.50%	\$11.91	\$11.91	\$1,191.42
Implements	\$80.23	Dollars	6.50%	\$5.21	\$5.21	\$521.49
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$20.00	\$2,000.00
Total Fixed Costs				\$108.50	\$108.50	\$10,849.79
Total Specified Costs				\$261.37	\$261.37	\$26,137.04
Returns Above Specified Costs						(\$86.37) (\$8,637.04)
Breakeven Price to Cover Total Costs			\$52.27	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	3.75	\$40.77	\$69.70
90%	4.50	\$33.97	\$58.08
100%	5.00	\$30.57	\$52.27
110%	5.50	\$27.79	\$47.52
125%	6.25	\$24.46	\$41.82

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.