

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Dryland Sesame - 100 Acres
Southwest Extension District - 10

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sesame	5.00	CWT	\$31.00	\$155.00	\$15,500.00
Total Revenue				\$155.00	\$15,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Select Max	0.1	Gallon	\$65.00	\$6.50	\$650.00
Seed					
Sesame Seed	2.5	Pound	\$3.50	\$8.75	\$875.00
Fertilizer					
UAN(32% N)	0.82	CWT	\$12.00	\$9.84	\$984.00
Fertilizer 18-46-0	22	Pound	\$0.22	\$4.84	\$484.00
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
Machinery Labor					
Tractors/Self-Propelled	1.01	Hour	\$12.00	\$12.12	\$1,212.00
Diesel Fuel					
Tractors/Self-Propelled	7.33	Gallon	\$1.83	\$13.41	\$1,341.39
Gasoline					
Pickup/General Use Equipment	1	Acre	\$20.22	\$20.22	\$2,022.28
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84
Tractors/Self-Propelled	1	Acre	\$24.15	\$24.15	\$2,414.58
Implements	1	Acre	\$12.96	\$12.96	\$1,295.72
Interest on Credit Line			6.50%	\$3.75	\$374.70
Total Variable Costs				\$143.38	\$14,337.52
Planned Returns Above Variable Costs:				\$11.62	\$1,162.48
Breakeven Price to Cover Variable Costs			\$28.68	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$2,520.00
Tractors/Self-Propelled	1	Acre	\$23.94	\$23.94	\$2,393.99
Implements	1	Acre	\$15.55	\$15.55	\$1,554.58
Equipment Investment					
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50
Tractors/Self-Propelled	\$182.31	Dollars	6.50%	\$11.85	\$1,185.03
Implements	\$81.15	Dollars	6.50%	\$5.28	\$527.50
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00
Total Fixed Costs				\$108.64	\$10,863.61
Total Specified Costs				\$252.01	\$25,201.13
Returns Above Specified Costs				(\$97.01)	(\$9,701.13)
Breakeven Price to Cover Total Costs			\$50.40	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	3.75	\$38.23	\$67.20
90%	4.50	\$31.86	\$56.00
100%	5.00	\$28.68	\$50.40
110%	5.50	\$26.07	\$45.82
125%	6.25	\$22.94	\$40.32

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.