

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Dryland Sesame - 100 Acres
Southwest Extension District - 10

Crop Acres	100					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sesame	5.00	CWT	\$45.00	\$225.00		\$22,500.00
Quality Premium - Sesame	5.00	CWT	\$5.00	\$25.00		\$2,500.00
Total Revenue				\$250.00		\$25,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Total
Production Costs						
Seed						
Sesame Seed	2.5	Pound	\$3.50	\$8.75		\$875.00
Fertilizer						
UAN(32% N)	0.82	CWT	\$16.00	\$13.12		\$1,312.00
Fertilizer 18-46-0	22	Pound	\$0.28	\$6.16		\$616.00
Miscellaneous						
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00		\$400.00
Crop Insurance - Sesame Dry	1	Acre	\$6.00	\$6.00		\$600.00
Herbicide						
Select Max	0.1	Gallon	\$85.00	\$8.50		\$850.00
Machinery Labor						
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24		\$1,224.00
Diesel Fuel						
Tractors/Self-Propelled	7.41	Gallon	\$2.15	\$15.93		\$1,593.15
Gasoline						
Pickup/General Use Equipment	1	Acre	\$29.43	\$29.43		\$2,943.36
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72		\$672.00
Tractors/Self-Propelled	1	Acre	\$23.13	\$23.13		\$2,313.15
Implements	1	Acre	\$13.41	\$13.41		\$1,341.07
Interest on Credit Line			6.50%	\$3.87		\$387.30
Total Variable Costs				\$151.27		\$15,127.03
Planned Returns Above Variable Costs:				\$98.73		\$9,872.97
Breakeven Price to Cover Variable Costs			\$25.25 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20		\$2,520.00
Tractors/Self-Propelled	1	Acre	\$22.90	\$22.90		\$2,290.31
Implements	1	Acre	\$16.20	\$16.20		\$1,620.36
Equipment Investment						
Pickup/General Use Equipment	\$168.00	Dollars	6.50%	\$10.92		\$1,092.00
Tractors/Self-Propelled	\$260.14	Dollars	6.50%	\$16.91		\$1,690.88
Implements	\$138.80	Dollars	6.50%	\$9.02		\$902.19
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00		\$2,000.00
Total Fixed Costs				\$121.16		\$12,115.73
Total Specified Costs				\$272.43		\$27,242.76
Returns Above Specified Costs						(\$2,242.76)
Breakeven Price to Cover Total Costs				\$49.49	CWT	

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	3.75	\$33.67	\$33.67	\$65.98	\$65.98	\$0.00
90%	4.50	\$28.06	\$28.06	\$54.98	\$54.98	\$0.00
100%	5.00	\$25.25	\$25.25	\$49.49	\$49.49	\$0.00
110%	5.50	\$22.96	\$22.96	\$44.99	\$44.99	\$0.00
125%	6.25	\$20.20	\$20.20	\$39.59	\$39.59	\$0.00

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

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.