

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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	\$42.00	\$210.00		\$21,000.00
Quality Premium - Sesame	5.00	CWT	\$2.00	\$10.00		\$1,000.00
Total Revenue				\$220.00		\$22,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Seed						
Sesame Seed	2.5	Pound	\$3.50	\$8.75		\$875.00
Fertilizer						
UAN(32% N)	0.82	CWT	\$17.00	\$13.94		\$1,394.00
Fertilizer 18-46-0	22	Pound	\$0.25	\$5.50		\$550.00
Herbicide						
Select Max	0.1	Gallon	\$100.00	\$10.00		\$1,000.00
Miscellaneous						
Miscellaneous Sesame Overhead	1	Acre	\$4.00	\$4.00		\$400.00
Machinery Labor						
Tractors/Self-Propelled	0.66	Hour	\$12.00	\$7.92		\$792.00
Diesel Fuel						
Tractors/Self-Propelled	5.05	Gallon	\$2.85	\$14.39		\$1,439.25
Gasoline						
Pickup/General Use Equipment	1	Acre	\$32.93	\$32.93		\$3,292.80
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72		\$672.00
Tractors/Self-Propelled	1	Acre	\$2.89	\$2.89		\$288.59
Implements	1	Acre	\$3.41	\$3.41		\$341.20
Interest on Credit Line			6.50%	\$2.84		\$283.76
Total Variable Costs				\$113.29		\$11,328.60
Planned Returns Above Variable Costs:				\$106.71		\$10,671.40
Breakeven Price to Cover Variable Costs			\$20.66	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	\$10.09	\$10.09		\$1,009.14
Implements	1	Acre	\$3.26	\$3.26		\$325.98
Equipment Investment						
Pickup/General Use Equipment	\$168.00	Dollars	6.50%	\$10.92		\$1,092.00
Tractors/Self-Propelled	\$121.10	Dollars	6.50%	\$7.87		\$787.14
Implements	\$46.26	Dollars	6.50%	\$3.01		\$300.69
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00		\$2,000.00
Total Fixed Costs				\$80.35		\$8,034.95
Total Specified Costs				\$193.64		\$19,363.55
Returns Above Specified Costs				\$26.36		\$2,636.45
Breakeven Price to Cover Total Costs			\$36.73	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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	3.75	\$27.54	\$27.54	\$48.97	\$48.97	\$0.00
90%	4.50	\$22.95	\$22.95	\$40.81	\$40.81	\$0.00
100%	5.00	\$20.66	\$20.66	\$36.73	\$36.73	\$0.00
110%	5.50	\$18.78	\$18.78	\$33.39	\$33.39	\$0.00
125%	6.25	\$16.53	\$16.53	\$29.38	\$29.38	\$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.