

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Dryland Sesame - 160 Acres
South Plains Extension District - 2

Crop Acres		160			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Sesame - Non-irrigated	700.00	Pound	\$0.28	\$196.00	\$31,360.00
Total Revenue				\$196.00	\$31,360.00
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Herbicide					
Herbicide - Sesame	1	Acre	\$21.75	\$21.75	\$3,480.00
Seed					
Seed - Sesame	2.5	Pound	\$4.00	\$10.00	\$1,600.00
Fertilizer					
Fertilizer (N) - Liquid	30	Pound	\$0.40	\$11.95	\$1,912.50
Custom					
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$760.00
Custom Harvest - Sesame	1	Acre	\$25.00	\$25.00	\$4,000.00
Custom Haul - Sesame	7	CWT	\$0.12	\$0.84	\$134.40
Miscellaneous					
Crop Insurance Sesame - Dryland	1	Acre	\$10.00	\$10.00	\$1,600.00
Machinery Labor					
Tractors/Self-Propelled	1	Hour	\$12.00	\$12.00	\$1,920.00
Diesel Fuel					
Tractors/Self-Propelled	2.2	Gallon	\$1.84	\$4.05	\$647.68
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.88	\$3.88	\$620.80
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$80.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$960.00
Implements	1	Acre	\$3.00	\$3.00	\$480.00
Interest on Credit Line			6.00%	\$3.01	\$481.82
Total Variable Costs				\$116.73	\$18,677.20
Planned Returns Above Variable Costs:				\$79.27	\$12,682.80
Breakeven Price to Cover Variable Costs			\$0.17	Pound	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Equipment Fixed Costs					
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$200.00
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,920.00
Implements	1	Acre	\$10.00	\$10.00	\$1,600.00
Management Fee, Owner/Operator Labor	1	Acre	\$15.00	\$15.00	\$2,400.00
Cash Rent - Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$320.00
Total Fixed Costs				\$70.25	\$11,240.00
Total Specified Costs				\$186.98	\$29,917.20
Returns Above Specified Costs				\$9.02	\$1,442.80
Breakeven Price to Cover Total Costs			\$0.27	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$0.22	\$0.36
90%	630.00	\$0.19	\$0.30
100%	700.00	\$0.17	\$0.27
110%	770.00	\$0.15	\$0.24
125%	875.00	\$0.13	\$0.21

Developed by Jackie Smith, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-746-6101.

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.