

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Dryland Sesame
South Plains Extension District - 2

Crop Acres		160			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame - Non-irrigated	700.00	Pound	\$0.28	\$196.00	\$31,360.00
Total Revenue				\$196.00	\$31,360.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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
Fertilizer					
Fertilizer (N) - Liquid	30	Pound	\$0.46	\$13.83	\$2,212.50
Herbicide					
Herbicide - Sesame	1	Acre	\$21.75	\$21.75	\$3,480.00
Miscellaneous					
Crop Insurance Sesame - Dryland	1	Acre	\$10.00	\$10.00	\$1,600.00
Seed					
Seed - Sesame	2.5	Pound	\$4.00	\$10.00	\$1,600.00
Machinery Labor					
Tractors/Self-Propelled	0.46	Hour	\$12.00	\$5.52	\$883.20
Other Labor	0.54	Hour	\$12.00	\$6.48	\$1,036.80
Diesel Fuel					
Tractors/Self-Propelled	2.2	Gallon	\$2.40	\$5.28	\$844.80
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.00	\$4.00	\$640.00
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%	\$3.85	\$615.60
Total Variable Costs				\$120.80	\$19,327.30
Planned Returns Above Variable Costs:				\$75.20	\$12,032.70
Breakeven Price to Cover Variable Costs			\$0.17	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise 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	\$25.00	\$25.00	\$4,000.00
Cash Rent - Dryland	1	Acre	\$50.00	\$50.00	\$8,000.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$320.00
Total Fixed Costs				\$100.25	\$16,040.00
Total Specified Costs				\$221.05	\$35,367.30
Returns Above Specified Costs				(\$25.05)	(\$4,007.30)
Breakeven Price to Cover Total Costs			\$0.32	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$0.23	\$0.42
90%	630.00	\$0.19	\$0.35
100%	700.00	\$0.17	\$0.32
110%	770.00	\$0.16	\$0.29
125%	875.00	\$0.14	\$0.25

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.