

Projections for Planning Purposes Only -- Not to be Used without Updating

2015 Estimated Costs and Returns per Acre

Dryland Sesame - 122 Acres

South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sesame - Non-irrigated	700.00	Pound	\$0.25	\$175.00		\$21,350.00
Total Revenue				\$175.00		\$21,350.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75		\$579.50
Custom Harvest - Sesame	1	Acre	\$25.00	\$25.00		\$3,050.00
Custom Haul - Sesame	7	CWT	\$0.12	\$0.84		\$102.48
Fertilizer						
Fertilizer (N) - Liquid	30	Pound	\$0.58	\$17.34		\$2,115.48
Herbicide						
Herbicide - Sesame	1	Acre	\$21.75	\$21.75		\$2,653.50
Seed						
Seed - Sesame	2.5	Pound	\$4.00	\$10.00		\$1,220.00
Miscellaneous						
Crop Insurance Sesame - Dryland	1	Acre	\$10.00	\$10.00		\$1,220.00
Machinery Labor						
Tractors/Self-Propelled	1	Hour	\$12.00	\$12.00		\$1,464.00
Diesel Fuel						
Tractors/Self-Propelled	2.2	Gallon	\$3.00	\$6.60		\$805.20
Gasoline						
Pickup/General Use Equipment	2	Gallon	\$2.25	\$4.50		\$549.00
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50		\$61.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00		\$732.00
Implements	1	Acre	\$3.00	\$3.00		\$366.00
Interest on Credit Line			6.00%	\$2.69		\$328.71
Total Variable Costs				\$124.97		\$15,246.87
Planned Returns Above Variable Costs:				\$50.03		\$6,103.13
Breakeven Price to Cover Variable Costs			\$0.18	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Equipment Investment						
Pickup/General Use Equipment	\$17.89	Dollars	7.00%	\$1.25		\$152.78
Tractors/Self-Propelled	\$171.40	Dollars	7.00%	\$12.00		\$1,463.76
Implements	\$142.90	Dollars	7.00%	\$10.00		\$1,220.37
Whole Farm Insurance	1	Acre	\$2.00	\$2.00		\$244.00
Cash Rent - Dryland	1	Acre	\$30.00	\$30.00		\$3,660.00
Total Fixed Costs				\$55.25		\$6,740.90
Total Specified Costs				\$180.23		\$21,987.77
Returns Above Specified Costs						(\$5.23) (\$637.77)
Breakeven Price to Cover Total Costs			\$0.26	Pound		

Example Breakeven Prices

Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	525.00	\$0.24	\$0.24	\$0.34	\$0.34	\$0.00
90%	630.00	\$0.20	\$0.20	\$0.29	\$0.29	\$0.00
100%	700.00	\$0.18	\$0.18	\$0.26	\$0.26	\$0.00
110%	770.00	\$0.16	\$0.16	\$0.23	\$0.23	\$0.00
125%	875.00	\$0.14	\$0.14	\$0.21	\$0.21	\$0.00

Developed by Jackie Smith, 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.