

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
Dryland Sesame
West Central Extension District - 7

Crop Acres		125			
REVENUE				Total	Enterprise Total
Sesame Seed	Quantity	Units	\$/Unit	\$175.00	\$21,875.00
	500.00	Pound	\$0.35		
Total Revenue				\$175.00	\$21,875.00
VARIABLE COSTS				Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosate	11	Ounce	\$0.13	\$1.46	\$182.62
Medal	1.3	Pint	\$7.00	\$9.10	\$1,137.50
Custom					
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$31.25
Custom Harvest Sesame	1	Acre	\$25.00	\$25.00	\$3,125.00
Custom Haul Sesame	14.28571	Bushels	\$0.27	\$3.86	\$482.14
Fertilizer					
Nitrogen Dry-Urea	30	Pounds	\$0.41	\$12.30	\$1,537.50
Miscellaneous					
Crop Insurance Sesame	1	Acre	\$15.00	\$15.00	\$1,875.00
Duct Tape	0.28125	Roll	\$4.00	\$1.13	\$140.63
Seed					
Seed Sesame	4	Pounds	\$6.00	\$24.00	\$3,000.00
Machinery Labor					
Tractors/Self-Propelled	0.38	Hour	\$16.12	\$6.13	\$765.70
Diesel Fuel					
Tractors/Self-Propelled	2.3	Gallon	\$2.67	\$6.14	\$767.63
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.33	\$1.33	\$166.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.58	\$0.58	\$73.00
Tractors/Self-Propelled	1	Acre	\$5.94	\$5.94	\$742.02
Implements	1	Acre	\$5.00	\$5.00	\$625.57
Interest on Credit Line			6.30%	\$3.13	\$391.74
Total Variable Costs				\$120.35	\$15,043.28
Planned Returns Above Variable Costs:				\$54.65	\$6,831.72
Breakeven Price to Cover Variable Costs			\$0.24	Pound	
FIXED COSTS				Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$1.24	\$1.24	\$154.80
Tractors/Self-Propelled	1	Acre	\$6.85	\$6.85	\$855.80
Implements	1	Acre	\$6.25	\$6.25	\$780.76
Equipment Investment					
Pickup/General Use Equipment	\$6.86	Dollars	6.30%	\$0.43	\$54.05
Tractors/Self-Propelled	\$52.91	Dollars	6.30%	\$3.33	\$416.65
Implements	\$26.90	Dollars	6.30%	\$1.69	\$211.86
Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$1,250.00
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$4,375.00
Total Fixed Costs				\$64.79	\$8,098.91
Total Specified Costs				\$185.14	\$23,142.20
Returns Above Specified Costs				(\$10.14)	(\$1,267.20)
Breakeven Price to Cover Total Costs			\$0.37	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	375.00	\$0.32	\$0.49
90%	450.00	\$0.27	\$0.41
100%	500.00	\$0.24	\$0.37
110%	550.00	\$0.22	\$0.34
125%	625.00	\$0.19	\$0.30

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.