

Projections for Planning Purposes Only -- Not to be Used without Updating
2023 Estimated Costs and Returns per Acre
Dryland Sesame
West Central Extension District - 7

Crop Acres		125				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame Seed		500.00	Pound	\$0.35	\$175.00	\$21,875.00
Total Revenue					\$175.00	\$21,875.00
VARIABLE COSTS		Quantity	Units	\$/Unit	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	\$0.62	\$18.60	\$2,325.00
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	\$17.21	\$6.54	\$817.48
Diesel Fuel						
	Tractors/Self-Propelled	2.3	Gallon	\$2.24	\$5.15	\$644.00
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$1.19	\$1.19	\$148.62
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			8.00%	\$4.28	\$535.17
Total Variable Costs					\$127.08	\$15,884.98
Planned Returns Above Variable Costs:					\$47.92	\$5,990.02
Breakeven Price to Cover Variable Costs				\$0.25	Pound	
FIXED COSTS		Quantity	Units	\$/Unit	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	8.00%	\$0.55	\$68.64
	Tractors/Self-Propelled	\$52.91	Dollars	8.00%	\$4.23	\$529.08
	Implements	\$26.90	Dollars	8.00%	\$2.15	\$269.03
	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					\$66.26	\$8,283.10
Total Specified Costs					\$193.34	\$24,168.08
Returns Above Specified Costs					(\$18.34)	(\$2,293.08)
Breakeven Price to Cover Total Costs				\$0.39	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	375.00	\$0.34	\$0.52
90%	450.00	\$0.28	\$0.43
100%	500.00	\$0.25	\$0.39
110%	550.00	\$0.23	\$0.35
125%	625.00	\$0.20	\$0.31

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.