

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sesame	800.00	Pound	\$0.39	\$312.00	\$156,000.00	
Total Revenue				\$312.00	\$156,000.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Fertilizer						
24-8-0	0.0833	Ton	\$266.00	\$22.16	\$11,078.90	
Herbicide						
Glyphosate (Generic)	2	Quart	\$3.38	\$6.76	\$3,380.00	
Sesame PostEmerge Herbicide	8	Ounce	\$0.82	\$6.56	\$3,280.00	
Miscellaneous						
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,940.00	
Seed						
Sesame	3	Pound	\$4.00	\$12.00	\$6,000.00	
Other Labor						
Hand Labor	0.08	Hour	\$16.00	\$1.28	\$640.00	
Machinery Labor						
Tractors/Self-Propelled	0.77	Hour	\$19.50	\$15.02	\$7,507.50	
Diesel Fuel						
Tractors/Self-Propelled	8.76	Gallon	\$2.20	\$19.27	\$9,636.00	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$29.83	\$29.83	\$14,915.60	
Implements	1	Acre	\$22.63	\$22.63	\$11,315.71	
Interest on Credit Line			6.00%	\$3.69	\$1,844.92	
Total Variable Costs				\$143.08	\$71,538.63	
Planned Returns Above Variable Costs:				\$168.92	\$84,461.37	
Breakeven Price to Cover Variable Costs			\$0.18	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$32.14	\$32.14	\$16,070.49	
Implements	1	Acre	\$27.70	\$27.70	\$13,849.57	
Equipment Investment						
Tractors/Self-Propelled	\$245.63	Dollars	6.00%	\$14.74	\$7,368.87	
Implements	\$150.89	Dollars	6.00%	\$9.05	\$4,526.82	
Management Fee, Owner/Operator Labor	1	Acre	\$15.60	\$15.60	\$7,800.00	
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,000.00	
Total Fixed Costs				\$169.23	\$84,615.74	
Total Specified Costs				\$312.31	\$156,154.37	
Returns Above Specified Costs				(\$0.31)	(\$154.37)	
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%	600.00	\$0.24	\$0.52
90%	720.00	\$0.20	\$0.43
100%	800.00	\$0.18	\$0.39
110%	880.00	\$0.16	\$0.35
125%	1000.00	\$0.14	\$0.31

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tam.u.edu.

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.