

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		500				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame		800.00	Pound	\$0.38	\$304.00	\$152,000.00
Total Revenue					\$304.00	\$152,000.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$2.46	\$21.55	\$10,774.80
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$28.58	\$28.58	\$14,290.28
	Implements	1	Acre	\$18.99	\$18.99	\$9,493.64
	Interest on Credit Line			6.75%	\$4.03	\$2,014.59
Total Variable Costs					\$140.80	\$70,399.71
Planned Returns Above Variable Costs:					\$163.20	\$81,600.29
Breakeven Price to Cover Variable Costs				\$0.18	Pound	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$30.58	\$30.58	\$15,290.40
	Implements	1	Acre	\$23.52	\$23.52	\$11,760.66
Equipment Investment						
	Tractors/Self-Propelled	\$233.78	Dollars	6.00%	\$14.03	\$7,013.37
	Implements	\$125.82	Dollars	6.00%	\$7.55	\$3,774.50
Management Fee, Owner/Operator Labor						
	LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,000.00
Total Fixed Costs					\$160.88	\$80,438.94
Total Specified Costs					\$301.68	\$150,838.65
Returns Above Specified Costs					\$2.32	\$1,161.35
Breakeven Price to Cover Total Costs				\$0.38	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$0.23	\$0.50
90%	720.00	\$0.20	\$0.42
100%	800.00	\$0.18	\$0.38
110%	880.00	\$0.16	\$0.34
125%	1000.00	\$0.14	\$0.30

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.