

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Dryland, 800 lb. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		500			
				Total	Enterprise Total
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame	800.00	Pound	\$0.32	\$256.00	\$128,000.00
Total Revenue				\$256.00	\$128,000.00
VARIABLE COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Haul Sesame (net)	8	CWT	\$0.05	\$0.40	\$200.00
Fertilizer					
24-8-0	0.0833	Ton	\$222.00	\$18.49	\$9,246.30
Herbicide					
Glyphosate (Generic)	2	Quart	\$4.25	\$8.50	\$4,250.00
Sesame PostEmerge Herbicide	8	Ounce	\$0.53	\$4.24	\$2,120.00
Miscellaneous					
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,940.00
Seed					
Sesame	2	Pound	\$4.00	\$8.00	\$4,000.00
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	\$2.30	\$20.15	\$10,074.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$27.94	\$27.94	\$13,967.81
Implements	1	Acre	\$18.35	\$18.35	\$9,176.16
Interest on Credit Line					
			5.50%	\$3.43	\$1,714.37
Total Variable Costs				\$129.67	\$64,836.15
Planned Returns Above Variable Costs:				\$126.33	\$63,163.85
Breakeven Price to Cover Variable Costs				\$0.16	Pound
FIXED COSTS					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$29.84	\$29.84	\$14,920.73
Implements	1	Acre	\$22.70	\$22.70	\$11,348.21
Equipment Investment					
Tractors/Self-Propelled	\$228.22	Dollars	6.00%	\$13.69	\$6,846.49
Implements	\$121.35	Dollars	6.00%	\$7.28	\$3,640.58
Management Fee, Owner/Operator Labor					
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,000.00
Total Fixed Costs				\$156.31	\$78,156.02
Total Specified Costs				\$285.98	\$142,992.17
Returns Above Specified Costs				(\$29.98)	(\$14,992.17)
Breakeven Price to Cover Total Costs				\$0.36	Pound

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$0.22	\$0.48
90%	720.00	\$0.18	\$0.40
100%	800.00	\$0.16	\$0.36
110%	880.00	\$0.15	\$0.32
125%	1000.00	\$0.13	\$0.29

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.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.