

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Irrigated, 1100 lb. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		505				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Sesame		1,100.00	Pound	\$0.32	\$352.00	\$177,760.00
Total Revenue					\$352.00	\$177,760.00
VARIABLE COSTS						
Production Costs						
Custom						
Haul Sesame (net)		11	CWT	\$0.05	\$0.55	\$277.75
Fertilizer						
24-8-0		0.1	Ton	\$222.00	\$22.20	\$11,211.00
Herbicide						
Glyphosate (Generic)		2	Quart	\$4.25	\$8.50	\$4,292.50
Sesame PostEmerge Herbicide		8	Ounce	\$0.53	\$4.24	\$2,141.20
Miscellaneous						
Pickup Milage Charge		1	Acre	\$3.88	\$3.88	\$1,959.40
Seed						
Sesame		2.5	Pound	\$4.00	\$10.00	\$5,050.00
Other Labor						
Hand Labor		0.08	Hour	\$16.00	\$1.28	\$646.40
Other Chemicals						
Crop Oil		2	Pint	\$1.38	\$2.76	\$1,393.80
Irrigation						
Energy Cost		6.00	AcreInch	\$2.10	\$12.60	\$6,363.00
Irrigation Labor		1.15	Hour	\$19.50	\$22.43	\$11,324.63
Machinery Labor						
Tractors/Self-Propelled		0.77	Hour	\$19.50	\$15.02	\$7,582.58
Diesel Fuel						
Tractors/Self-Propelled		8.76	Gallon	\$2.30	\$20.15	\$10,174.74
Repairs & Maintenance						
Irrigation Equipment		1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled		1	Acre	\$27.94	\$27.94	\$14,107.49
Implements		1	Acre	\$18.35	\$18.35	\$9,267.93
Interest on Credit Line				5.50%	\$5.30	\$2,674.68
Total Variable Costs					\$200.26	\$101,133.76
Planned Returns Above Variable Costs:					\$151.74	\$76,626.24
Breakeven Price to Cover Variable Costs				\$0.18	Pound	
FIXED COSTS						
Machinery Depreciation						
Irrigation Equipment		1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled		1	Acre	\$29.84	\$29.84	\$15,069.94
Implements		1	Acre	\$22.70	\$22.70	\$11,461.69
Equipment Investment						
Irrigation Equipment		\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled		\$228.22	Dollars	6.00%	\$13.69	\$6,914.96
Implements		\$121.35	Dollars	6.00%	\$7.28	\$3,676.99
Management Fee, Owner/Operator Labor		1	Acre	\$17.60	\$17.60	\$8,888.00
LCB - Land Charge		1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs					\$206.91	\$104,489.91
Total Specified Costs					\$407.18	\$205,623.67
Returns Above Specified Costs					(\$55.18)	(\$27,863.67)
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%	825.00	\$0.24	\$0.49
90%	990.00	\$0.20	\$0.41
100%	1100.00	\$0.18	\$0.37
110%	1210.00	\$0.17	\$0.34
125%	1375.00	\$0.15	\$0.30

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.