

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Irrigated, 1100 lb. Yield Goal - 505 Acres
Lower Coastal Bend Extension District - 11

Crop Acres		505			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame	1,100.00	Pound	\$0.42	\$462.00	\$233,310.00
Total Revenue				\$462.00	\$233,310.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Haul Sesame (net)	11	CWT	\$0.05	\$0.55	\$277.75
Fertilizer					
24-8-0 LC	0.104125	Ton	\$325.00	\$33.84	\$17,089.52
Herbicide					
Glyphosate (Generic)	2	Quart	\$4.04	\$8.08	\$4,080.40
Sesame PostEmerge Herbicide	8	Ounce	\$0.63	\$5.04	\$2,545.20
Seed					
Sesame	2.5	Pound	\$4.00	\$10.00	\$5,050.00
Miscellaneous					
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,959.40
Other Labor					
Hand Labor	0.08	Hour	\$13.75	\$1.10	\$555.50
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	8.64	Gallon	\$3.30	\$28.51	\$14,398.56
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$25.79	\$25.79	\$13,024.87
Implements	1	Acre	\$16.78	\$16.78	\$8,472.51
Interest on Credit Line			5.00%	\$4.30	\$2,171.62
Total Variable Costs				\$212.99	\$107,562.20
Planned Returns Above Variable Costs:				\$249.01	\$125,747.80
Breakeven Price to Cover Variable Costs			\$0.19	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled	1	Acre	\$27.47	\$27.47	\$13,874.86
Implements	1	Acre	\$20.26	\$20.26	\$10,233.21
Equipment Investment					
Irrigation Equipment	\$574.26	Dollars	7.00%	\$40.20	\$20,300.00
Tractors/Self-Propelled	\$311.78	Dollars	7.00%	\$21.82	\$11,021.53
Implements	\$190.51	Dollars	7.00%	\$13.34	\$6,734.41
Management Fee, Owner/Operator Labor	1	Acre	\$23.10	\$23.10	\$11,665.50
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs				\$244.38	\$123,412.84
Total Specified Costs				\$457.38	\$230,975.04
Returns Above Specified Costs				\$4.62	\$2,334.96
Breakeven Price to Cover Total Costs			\$0.42	Pound	

Example Breakeven Prices						
Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	825.00	\$0.26	\$0.26	\$0.55	\$0.55	\$0.00
90%	990.00	\$0.22	\$0.22	\$0.46	\$0.46	\$0.00
100%	1100.00	\$0.19	\$0.19	\$0.42	\$0.42	\$0.00
110%	1210.00	\$0.18	\$0.18	\$0.38	\$0.38	\$0.00
125%	1375.00	\$0.15	\$0.15	\$0.33	\$0.33	\$0.00

Developed by Levi Russell, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service.

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.