

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Sesame - Conventional Till-12 Row, Irrigated, 1100 lb. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		505			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sesame	1,100.00	Pound	\$0.38	\$418.00	\$211,090.00
Total Revenue				\$418.00	\$211,090.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosate (Generic)	2	Quart	\$3.38	\$6.76	\$3,413.80
Sesame PostEmerg Herbicide	8	Ounce	\$0.82	\$6.56	\$3,312.80
Miscellaneous					
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,959.40
Seed					
Sesame	3	Pound	\$4.00	\$12.00	\$6,060.00
Other Labor					
Hand Labor	0.08	Hour	\$16.00	\$1.28	\$646.40
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	\$2.46	\$21.55	\$10,882.55
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$28.58	\$28.58	\$14,433.18
Implements	1	Acre	\$18.99	\$18.99	\$9,588.58
Interest on Credit Line			6.75%	\$6.19	\$3,127.51
Total Variable Costs				\$180.91	\$91,361.09
Planned Returns Above Variable Costs:				\$237.09	\$119,728.91
Breakeven Price to Cover Variable Costs			\$0.16	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	\$30.58	\$30.58	\$15,443.31
Implements	1	Acre	\$23.52	\$23.52	\$11,878.27
Equipment Investment					
Irrigation Equipment	\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled	\$233.78	Dollars	6.00%	\$14.03	\$7,083.51
Implements	\$125.82	Dollars	6.00%	\$7.55	\$3,812.25
Management Fee, Owner/Operator Labor					
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs				\$212.38	\$107,250.16
Total Specified Costs				\$393.29	\$198,611.25
Returns Above Specified Costs				\$24.71	\$12,478.75
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%	825.00	\$0.22	\$0.48
90%	990.00	\$0.18	\$0.40
100%	1100.00	\$0.16	\$0.36
110%	1210.00	\$0.15	\$0.33
125%	1375.00	\$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.