

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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	\$0.39	\$429.00	\$216,645.00
<b>Total Revenue</b>				<b>\$429.00</b>	<b>\$216,645.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Glyphosate (Generic)	2	Quart	\$3.38	\$6.76	\$3,413.80
Sesame PostEmerge 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	\$2.20	\$19.27	\$9,732.36
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$29.83	\$29.83	\$15,064.76
Implements	1	Acre	\$22.63	\$22.63	\$11,428.87
Interest on Credit Line			6.00%	\$5.61	\$2,835.38
<b>Total Variable Costs</b>				<b>\$182.95</b>	<b>\$92,390.63</b>
Planned Returns Above Variable Costs:				\$246.05	\$124,254.37
Breakeven Price to Cover Variable Costs			\$0.17	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	\$32.14	\$32.14	\$16,231.19
Implements	1	Acre	\$27.70	\$27.70	\$13,988.06
Equipment Investment					
Irrigation Equipment	\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled	\$245.63	Dollars	6.00%	\$14.74	\$7,442.55
Implements	\$150.89	Dollars	6.00%	\$9.05	\$4,572.09
Management Fee, Owner/Operator Labor					
LCB - Land Charge	1	Acre	\$21.45	\$21.45	\$10,832.25
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00
<b>Total Fixed Costs</b>				<b>\$220.88</b>	<b>\$111,544.48</b>
<b>Total Specified Costs</b>				<b>\$403.83</b>	<b>\$203,935.12</b>
Returns Above Specified Costs				\$25.17	\$12,709.88
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	\$0.22	\$0.49
90%	990.00	\$0.18	\$0.41
100%	1100.00	\$0.17	\$0.37
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.**