

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Irrigated Sesame**  
**South Plains Extension District - 2**

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sesame - Irrigated	1,500.00	Pound	\$0.32	\$480.00	\$58,560.00	
<b>Total Revenue</b>				<b>\$480.00</b>	<b>\$58,560.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Herbicide						
Herbicide - Sesame	1	Acre	\$21.75	\$21.75	\$2,653.50	
Seed						
Seed - Sesame	2.5	Pound	\$4.00	\$10.00	\$1,220.00	
Fertilizer						
Fertilizer (P) - Liquid	30	Pound	\$0.64	\$19.20	\$2,342.40	
Fertilizer (N) - Liquid	75	Pound	\$0.38	\$28.50	\$3,477.00	
Custom						
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$579.50	
Custom Harvest - Sesame	1	Acre	\$25.00	\$25.00	\$3,050.00	
Custom Haul - Sesame	15	CWT	\$0.12	\$1.80	\$219.60	
Miscellaneous						
Crop Insurance Sesame - Irrigated	1	Acre	\$12.50	\$12.50	\$1,525.00	
Other Labor						
Hoeing	1	Acre	\$15.00	\$15.00	\$1,830.00	
Irrigation						
Energy Cost	11.00	AcreInch	\$10.00	\$110.00	\$13,420.00	
Irrigation Labor	1.00	Hour	\$12.00	\$12.00	\$1,464.00	
Machinery Labor						
Tractors/Self-Propelled	0.46	Hour	\$12.00	\$5.52	\$673.44	
Other Labor	0.54	Hour	\$12.00	\$6.48	\$790.56	
Diesel Fuel						
Tractors/Self-Propelled	2.4	Gallon	\$1.90	\$4.56	\$556.32	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.40	\$4.40	\$536.80	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00	
Irrigation Equipment	1	Acre	\$19.25	\$19.25	\$2,348.50	
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00	
Implements	1	Acre	\$3.00	\$3.00	\$366.00	
Interest on Credit Line			6.00%	\$7.98	\$973.44	
<b>Total Variable Costs</b>				<b>\$318.19</b>	<b>\$38,819.06</b>	
Planned Returns Above Variable Costs:				\$161.81	\$19,740.94	
Breakeven Price to Cover Variable Costs			\$0.21	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Equipment Fixed Costs</b>						
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50	
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00	
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00	
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00	
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00	
Cash Rent - Sesame	1	Acre	\$100.00	\$100.00	\$12,200.00	
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00	
<b>Total Fixed Costs</b>				<b>\$205.25</b>	<b>\$25,040.50</b>	
<b>Total Specified Costs</b>				<b>\$523.44</b>	<b>\$63,859.56</b>	
Returns Above Specified Costs					(\$43.44)	(\$5,299.56)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.35</b>	<b>Pound</b>		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Pound	Costs	Costs
75%	1125.00	\$0.28	\$0.47
90%	1350.00	\$0.24	\$0.39
100%	1500.00	\$0.21	\$0.35
110%	1650.00	\$0.19	\$0.32
125%	1875.00	\$0.17	\$0.28

Developed by Agricultural Economists, Texas A&M AgriLife Extension.

**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.**