## Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Dryland Sesame West Central Extension District - 7

Crop Acres 125

REVENUE	Crop Acres	123				Enterprise
Seame Seed	REVENUE	Quantity	Units	\$/Unit	Total	
Name						
Name	Total Revenue			_	\$175.00	\$21,875.00
MARLE COSTS						
Production Costs	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
Signature	Production Costs					
Medal	Herbicide					
Custom	Glyphosate	11	Ounce	\$0.13	\$1.46	\$182.62
Soil Test-Dryland	Medal	1.3	Pint	\$7.00	\$9.10	\$1,137.50
Custom Harvest Sesame         1         Acre         \$25.00         \$25.00         \$3,125.00           Pertilizer         Nitrogen Dry-Urea         30         Pounds         \$0.62         \$18.60         \$2,325.00           Miscellaneous         Crop Insurance Sesame         1         Acre         \$15.00         \$15.00         \$1,875.00           Duct Tape         0.28125         Roll         \$4.00         \$1.13         \$140.63           Seed         Seed Sesame         4         Pounds         \$6.00         \$24.00         \$3,000.00           Machinery Labor         Tractors/Self-Propelled         0.38         Hour         \$17.21         \$6.54         \$817.48           Diesel Fuel         Tractors/Self-Propelled         2.3         Gallon         \$3.60         \$8.28         \$1,035.00           Gasoline         Pickup/General Use Equipment         1         Acre         \$1.55         \$1.55         \$193.56           Repairs & Maintenance         Pickup/General Use Equipment         1         Acre         \$5.94         \$5.94         \$72.00           Tractors/Self-Propelled         1         Acre         \$5.00         \$5.00         \$625.57           Inherest on Credit Line         2         2         \$0.26 <td>Custom</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Custom					
Custom Haul Sesame	Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$31.25
Fertilizer   Nitrogen Dry-Urea   30   Pounds   \$0.62   \$18.60   \$2,325.00	Custom Harvest Sesame	1	Acre	\$25.00	\$25.00	\$3,125.00
Nitrogen Dry-Urea   30   Pounds   \$0.62   \$18.60   \$2,325.00     Miscellaneous	Custom Haul Sesame	14.28571	Bushels	\$0.27	\$3.86	\$482.14
Miscellaneous	Fertilizer					
Crop Insurance Sesame	Nitrogen Dry-Urea	30	Pounds	\$0.62	\$18.60	\$2,325.00
Duct Tape   0.28125   Roll   \$4.00   \$1.13   \$140.63	Miscellaneous					
Seed Sesame	Crop Insurance Sesame	1	Acre	\$15.00	\$15.00	\$1,875.00
Seed Sesame         4         Pounds         \$6.00         \$24.00         \$3,000.00           Machinery Labor Tractors/Self-Propelled         0.38         Hour         \$17.21         \$6.54         \$817.48           Diesel Fuel Tractors/Self-Propelled         2.3         Gallon         \$3.60         \$8.28         \$1,035.00           Gasoline Pickup/General Use Equipment         1         Acre         \$1.55         \$1.55         \$193.56           Repairs & Maintenance Pickup/General Use Equipment         1         Acre         \$0.58         \$0.58         \$73.00           Tractors/Self-Propelled         1         Acre         \$5.94         \$5.94         \$742.02           Implements         1         Acre         \$5.00         \$5.09         \$625.57           Total Variable Costs         8         8.00%         \$4.44         \$555.57           Total Variable Costs         8         \$0.26         \$0.00         \$625.57           Breakeven Price to Cover Variable Costs         \$0.26         \$0.20         \$0.00         \$625.57           FIXED COSTS         Quantity         Units         \$/Unit         Total         \$16,341.33           Machinery Depreciation Tractors/Self-Propelled         1         Acre         \$6.85	Duct Tape	0.28125	Roll	\$4.00	\$1.13	\$140.63
Machinery Labor Tractors/Self-Propelled         0.38         Hour         \$17.21         \$6.54         \$817.48           Diesel Fuel Tractors/Self-Propelled         2.3         Gallon         \$3.60         \$8.28         \$1,035.00           Gasoline Pickup/General Use Equipment         1         Acre         \$1.55         \$1.55         \$193.56           Repairs & Maintenance Pickup/General Use Equipment         1         Acre         \$0.58         \$0.58         \$73.00           Tractors/Self-Propelled         1         Acre         \$5.94         \$5.94         \$742.02           Implements         1         Acre         \$5.00         \$5.00         \$625.57           Interest on Credit Line         8.00%         \$4.44         \$555.57           Total Variable Costs         8.00%         \$4.42         \$5,533.67           Planned Returns Above Variable Costs         \$0.26         Pound         Enterprise           FIXED COSTS         Quantity         Units         \$/Unit         Total         Total           Machinery Depreciation Pickup/General Use Equipment Tractors/Self-Propelled         1         Acre         \$1.24         \$1.24         \$15.80           Equipment Investment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use </td <td>Seed</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Seed					
Tractors/Self-Propelled Diesel Fuel         0.38 Hour         \$17.21         \$6.54         \$817.48           Diesel Fuel Tractors/Self-Propelled Tractors/Self-Propelled Gasoline         2.3 Gallon         \$3.60         \$8.28         \$1,035.00           Gasoline Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Interest on Credit Line         1 Acre So.58         \$0.58         \$73.00           Tractors/Self-Propelled Interest on Credit Line Interest In	Seed Sesame	4	Pounds	\$6.00	\$24.00	\$3,000.00
Diesel Fuel	Machinery Labor					
Tractors/Self-Propelled   2.3   Gallon   \$3.60   \$8.28   \$1,035.00   Gasoline   Pickup/General Use Equipment   1   Acre   \$1.55   \$1.55   \$193.56   Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$5.94   \$5.94   \$742.02   Implements   1   Acre   \$5.94   \$5.94   \$742.02   Implements   1   Acre   \$5.94   \$5.94   \$742.02   Implements   1   Acre   \$5.00   \$5.00   \$625.57   Interest on Credit Line   8.00%   \$4.44   \$555.57   Interest on Credit Line   8.00%   \$4.427   \$5,533.67   Interest on Credit Line   8.00%   \$4.427   \$5,533.67   Interest on Credit Line   8.00%   \$0.26   Pound   Enterprise	Tractors/Self-Propelled	0.38	Hour	\$17.21	\$6.54	\$817.48
Pickup/General Use Equipment   1	Diesel Fuel					
Pickup/General Use Equipment   1   Acre   \$1.55   \$1.55   \$193.56	Tractors/Self-Propelled	2.3	Gallon	\$3.60	\$8.28	\$1,035.00
Repairs & Maintenance	Gasoline					
Pickup/General Use Equipment   1	Pickup/General Use Equipment	1	Acre	\$1.55	\$1.55	\$193.56
Tractors/Self-Propelled	Repairs & Maintenance					
Implements	Pickup/General Use Equipment	1	Acre	\$0.58	\$0.58	\$73.00
Interest on Credit Line	Tractors/Self-Propelled	1	Acre	\$5.94	\$5.94	\$742.02
Total Variable Costs	Implements	1	Acre	\$5.00	\$5.00	\$625.57
Planned Returns Above Variable Costs   \$0.26   Pound	Interest on Credit Line			8.00%	\$4.44	\$555.57
Breakeven Price to Cover Variable Costs   \$0.26   Pound   Enterprise	Total Variable Costs			_	\$130.73	\$16,341.33
Machinery Depreciation	Planned Returns Above Variable Costs:			_	\$44.27	\$5,533.67
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$0.26 F	Pound	
Machinery Depreciation						Enterprise
Pickup/General Use Equipment   1   Acre   \$1.24   \$1.24   \$154.80     Tractors/Self-Propelled   1   Acre   \$6.85   \$6.85   \$855.80     Implements   1   Acre   \$6.25   \$6.25   \$780.76     Equipment Investment   Pickup/General Use Equipment   \$6.86   Dollars   8.00%   \$0.55   \$68.64     Tractors/Self-Propelled   \$52.91   Dollars   8.00%   \$4.23   \$529.08     Implements   \$26.90   Dollars   8.00%   \$2.15   \$269.03     Management Fee, Owner/Operator Labor   1   Acre   \$10.00   \$10.00   \$1,250.00     Rent-Dryland Crop   1   Acre   \$35.00   \$35.00   \$4,375.00     Total Fixed Costs   \$66.26   \$8,283.10     Total Specified Costs   \$197.00   \$24,624.42     Returns Above Specified Costs   \$(\$22.00)   \$2,749.42)	FIXED COSTS	Quantity	Units	\$/Unit	Total	
Tractors/Self-Propelled Implements         1         Acre         \$6.85         \$855.80           Equipment Investment Pickup/General Use Equipment Investment Pickup/General Use Equipment Self-Propelled Structure Self-Propelled Self-Propelle	Machinery Depreciation					
Implements	Pickup/General Use Equipment	1	Acre	\$1.24	\$1.24	\$154.80
Equipment Investment       \$6.86       Dollars       8.00%       \$0.55       \$68.64         Tractors/Self-Propelled       \$52.91       Dollars       8.00%       \$4.23       \$529.08         Implements       \$26.90       Dollars       8.00%       \$2.15       \$269.03         Management Fee, Owner/Operator Labor       1       Acre       \$10.00       \$10.00       \$1,250.00         Rent-Dryland Crop       1       Acre       \$35.00       \$4,375.00         Total Fixed Costs       \$66.26       \$8,283.10         Total Specified Costs       \$197.00       \$24,624.42         Returns Above Specified Costs       (\$22.00)       (\$2,749.42)	Tractors/Self-Propelled	1	Acre	\$6.85	\$6.85	\$855.80
Pickup/General Use Equipment   \$6.86   Dollars   8.00%   \$0.55   \$68.64     Tractors/Self-Propelled   \$52.91   Dollars   8.00%   \$4.23   \$529.08     Implements   \$26.90   Dollars   8.00%   \$2.15   \$269.03     Management Fee, Owner/Operator Labor   1   Acre   \$10.00   \$10.00   \$1,250.00     Rent-Dryland Crop   1   Acre   \$35.00   \$35.00   \$4,375.00     Total Fixed Costs   \$66.26   \$8,283.10     Total Specified Costs   \$197.00   \$24,624.42     Returns Above Specified Costs   \$(\$22.00)   \$(\$2,749.42)	Implements	1	Acre	\$6.25	\$6.25	\$780.76
Tractors/Self-Propelled   \$52.91   Dollars   8.00%   \$4.23   \$529.08   Implements   \$26.90   Dollars   8.00%   \$2.15   \$269.03   Management Fee, Owner/Operator Labor   1   Acre   \$10.00   \$10.00   \$1,250.00   Rent-Dryland Crop   1   Acre   \$35.00   \$35.00   \$4,375.00   \$35.00   \$4,375.00   Total Fixed Costs   \$66.26   \$8,283.10   \$197.00   \$24,624.42   \$10.00   \$1,250.00	Equipment Investment					
Implements	Pickup/General Use Equipment	\$6.86	Dollars	8.00%	\$0.55	\$68.64
Management Fee, Owner/Operator Labor Rent-Dryland Crop         1 Acre \$10.00         \$10.00         \$1,250.00           Total Fixed Costs         \$35.00         \$35.00         \$4,375.00           Total Specified Costs         \$66.26         \$8,283.10           Returns Above Specified Costs         \$197.00         \$24,624.42           (\$22.00)         \$2,749.42	Tractors/Self-Propelled	\$52.91	Dollars	8.00%	\$4.23	\$529.08
Rent-Dryland Crop         1 Acre         \$35.00         \$35.00         \$4,375.00           Total Fixed Costs         \$66.26         \$8,283.10           Total Specified Costs         \$197.00         \$24,624.42           Returns Above Specified Costs         (\$22.00)         (\$2,749.42)	Implements	\$26.90	Dollars	8.00%	\$2.15	\$269.03
Total Fixed Costs         \$66.26         \$8,283.10           Total Specified Costs         \$197.00         \$24,624.42           Returns Above Specified Costs         (\$22.00)         (\$2,749.42)	Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$1,250.00
Total Specified Costs         \$197.00         \$24,624.42           Returns Above Specified Costs         (\$22.00)         (\$2,749.42)	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$4 <u>,</u> 375.00
Returns Above Specified Costs (\$22.00) (\$2,749.42)	Total Fixed Costs				\$66.26	\$8,283.10
Returns Above Specified Costs (\$22.00) (\$2,749.42)	Total Specified Costs			=	\$197.00	\$24,624.42
				=		. ,
	Returns Above Specified Costs				(\$22.00)	(\$2,749.42)
Breakeven Price to Cover Total Costs \$0.39 Pound	Breakeven Price to Cover Total Costs			\$0.39 F	ound	

	Example Breakeven Prices				
Example	Example	To Cover	To Cover		
Yield	Yield	Variable	Total		
Percent	Pound	Costs	Costs		
75%	375.00	\$0.35	\$0.53		
90%	450.00	\$0.29	\$0.44		
100%	500.00	\$0.26	\$0.39		
110%	550.00	\$0.24	\$0.36		
125%	625.00	\$0.21	\$0.32		

Developed by Jeffrey Wright, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.