

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2018 Estimated Costs and Returns per Acre**  
**Grain Sorghum**  
**Central Texas Extension District - 8**

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Grain Sorghum	45.00	CWT	\$6.00	\$270.00	\$270.00	\$135,000.00
<b>Total Revenue</b>				<b>\$270.00</b>	<b>\$270.00</b>	<b>\$135,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Dry Fertilizer Rig	1	Acre	\$5.00	\$5.00	\$5.00	\$2,500.00
Custom Combine	1	Acre	\$25.00	\$25.00	\$25.00	\$12,500.00
Custom Hauling Sorghum	45	CWT	\$0.25	\$11.25	\$11.25	\$5,625.00
Fertilizer						
18-46-0	100	Pound	\$0.23	\$23.00	\$23.00	\$11,500.00
46-0-0	80	Pound	\$0.17	\$13.60	\$13.60	\$6,800.00
Herbicide						
Pre-emerge sorghum	1.5	Quart	\$4.00	\$6.00	\$6.00	\$3,000.00
Insecticide						
Insecticide - Midge	1	Acre	\$3.00	\$3.00	\$3.00	\$1,500.00
Miscellaneous						
Insurance - Sorghum	1	Acre	\$11.00	\$11.00	\$11.00	\$5,500.00
Seed						
Treated Sorghum Seed	5	Pound	\$3.00	\$15.00	\$15.00	\$7,500.00
Machinery Labor						
Tractors/Self-Propelled	0.51	Hour	\$10.00	\$5.10	\$5.10	\$2,550.00
Diesel Fuel						
Tractors/Self-Propelled	4.95	Gallon	\$2.40	\$11.88	\$11.88	\$5,940.00
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$11.36	\$11.36	\$11.36	\$5,679.03
Implements	1	Acre	\$15.93	\$15.93	\$15.93	\$7,963.39
Interest on Credit Line			4.75%	\$3.06	\$3.06	\$1,531.35
<b>Total Variable Costs</b>				<b>\$160.18</b>	<b>\$160.18</b>	<b>\$80,088.77</b>
Planned Returns Above Variable Costs:				\$109.82	\$109.82	\$54,911.23
Breakeven Price to Cover Variable Costs			\$3.56	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$12.69	\$12.69	\$12.69	\$6,344.72
Implements	1	Acre	\$20.76	\$20.76	\$20.76	\$10,378.63
Equipment Investment						
Tractors/Self-Propelled	\$98.41	Dollars	6.00%	\$5.90	\$5.90	\$2,952.36
Implements	\$88.79	Dollars	6.00%	\$5.33	\$5.33	\$2,663.85
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$30.00	\$15,000.00
<b>Total Fixed Costs</b>				<b>\$74.68</b>	<b>\$74.68</b>	<b>\$37,339.56</b>
<b>Total Specified Costs</b>				<b>\$234.86</b>	<b>\$234.86</b>	<b>\$117,428.33</b>
Returns Above Specified Costs				\$35.14	\$35.14	\$17,571.67
Breakeven Price to Cover Total Costs			\$5.22	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	33.75	\$4.75	\$6.96
90%	40.50	\$3.96	\$5.80
100%	45.00	\$3.56	\$5.22
110%	49.50	\$3.24	\$4.74
125%	56.25	\$2.85	\$4.18

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**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.**