

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Dryland Sorghum**  
**Rolling Plains Extension District - 3**

Crop Acres	640				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum	22.00	CWT	\$6.50	\$143.00	\$91,520.00
<b>Total Revenue</b>				<b>\$143.00</b>	<b>\$91,520.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Atrazine	1	Quart	\$4.13	\$4.13	\$2,640.00
Seed					
Grain Sorghum Seed	3	Pound	\$2.50	\$7.50	\$4,800.00
Custom					
Custom Harvest Sorghum	1	Acre	\$24.00	\$24.00	\$15,360.00
Custom Haul Sorghum	22	CWT	\$0.24	\$5.28	\$3,379.20
Miscellaneous					
Insurance - Grain Sorghum	1	Acre	\$8.00	\$8.00	\$5,120.00
Machinery Labor					
Tractors/Self-Propelled	0.82	Hour	\$10.00	\$8.20	\$5,248.00
Other Labor	0.98	Hour	\$10.00	\$9.80	\$6,272.00
Diesel Fuel					
Tractors/Self-Propelled	5.59	Gallon	\$2.20	\$12.30	\$7,870.72
Gasoline					
Pickup/General Use Equipment	1	Acre	\$2.11	\$2.11	\$1,350.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.57	\$0.57	\$362.25
Tractors/Self-Propelled	1	Acre	\$10.82	\$10.82	\$6,927.58
Implements	1	Acre	\$13.46	\$13.46	\$8,617.52
Interest on Credit Line			5.75%	\$2.01	\$1,286.69
<b>Total Variable Costs</b>				<b>\$108.18</b>	<b>\$69,233.95</b>
Planned Returns Above Variable Costs:				\$34.82	\$22,286.05
Breakeven Price to Cover Variable Costs			\$4.92 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$0.79	\$0.79	\$502.92
Tractors/Self-Propelled	1	Acre	\$11.19	\$11.19	\$7,158.50
Implements	1	Acre	\$17.18	\$17.18	\$10,994.23
Equipment Investment					
Pickup/General Use Equipment	\$5.50	Dollars	5.50%	\$0.30	\$193.76
Tractors/Self-Propelled	\$87.14	Dollars	5.50%	\$4.79	\$3,067.18
Implements	\$73.49	Dollars	5.50%	\$4.04	\$2,586.70
Cash Rent - Grain Sorghum	1	Acre	\$32.00	\$32.00	\$20,480.00
<b>Total Fixed Costs</b>				<b>\$70.29</b>	<b>\$44,983.29</b>
<b>Total Specified Costs</b>				<b>\$178.46</b>	<b>\$114,217.25</b>
Returns Above Specified Costs				(\$35.46)	(\$22,697.25)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$8.11 CWT</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$6.56	\$10.82
90%	19.80	\$5.46	\$9.01
100%	22.00	\$4.92	\$8.11
110%	24.20	\$4.47	\$7.37
125%	27.50	\$3.93	\$6.49

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.**