

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Dryland Sorghum**  
**Rolling Plains Extension District - 3**

Crop Acres	640					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Grain Sorghum	22.00	CWT	\$5.77	\$126.94	\$81,241.60	
<b>Total Revenue</b>				<b>\$126.94</b>	<b>\$81,241.60</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<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	\$2.10	\$11.74	\$7,512.96	
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	\$10.90	\$10.90	\$6,973.67	
Implements	1	Acre	\$13.36	\$13.36	\$8,547.95	
Interest on Credit Line				5.75%	\$1.99	\$1,274.96
<b>Total Variable Costs</b>				<b>\$107.56</b>	<b>\$68,840.99</b>	
Planned Returns Above Variable Costs:				\$19.38	\$12,400.61	
Breakeven Price to Cover Variable Costs			\$4.89	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$0.79	\$0.79	\$502.92	
Tractors/Self-Propelled	1	Acre	\$11.26	\$11.26	\$7,206.13	
Implements	1	Acre	\$16.94	\$16.94	\$10,844.75	
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$5.50	Dollars	5.50%	\$0.30	\$193.76	
Tractors/Self-Propelled	\$87.72	Dollars	5.50%	\$4.82	\$3,087.59	
Implements	\$72.49	Dollars	5.50%	\$3.99	\$2,551.53	
Cash Rent - Grain Sorghum	1	Acre	\$32.00	\$32.00	\$20,480.00	
<b>Total Fixed Costs</b>				<b>\$70.10</b>	<b>\$44,866.69</b>	
<b>Total Specified Costs</b>				<b>\$177.67</b>	<b>\$113,707.68</b>	
Returns Above Specified Costs				(\$50.73)	(\$32,466.08)	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$8.08</b>	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$6.52	\$10.77
90%	19.80	\$5.43	\$8.97
100%	22.00	\$4.89	\$8.08
110%	24.20	\$4.44	\$7.34
125%	27.50	\$3.91	\$6.46

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.**