

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Dryland Sorghum**  
**Southwest Extension District - 10**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Sorghum	30.00	CWT	\$6.68	\$200.40		\$20,040.00
<b>Total Revenue</b>				<b>\$200.40</b>		<b>\$20,040.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
<b>Production Costs</b>						
Herbicide						
Atrazine 4L	4	Pint	\$1.92	\$7.68		\$768.00
Seed						
Sorghum Concept Seed	4	Pound	\$3.50	\$14.00		\$1,400.00
Fertilizer						
UAN(32% N)	0.88	CWT	\$17.00	\$14.96		\$1,496.00
Fertilizer 18-46-0	65	Pound	\$0.24	\$15.60		\$1,560.00
Custom						
Haul Sorghum	30	CWT	\$0.18	\$5.40		\$540.00
Miscellaneous						
Crop Insurance - Grain Sorghum Dry	1	Acre	\$11.00	\$11.00		\$1,100.00
Miscellaneous Sorghum Overhead	1	Acre	\$4.00	\$4.00		\$400.00
Insecticide						
Lorsban 4E	1	Pint	\$5.03	\$5.03		\$503.00
Dimethoate 4E	0.5	Pint	\$5.50	\$2.75		\$275.00
Machinery Labor						
Tractors/Self-Propelled	1.06	Hour	\$12.00	\$12.72		\$1,272.00
Other Labor	0.28	Hour	\$8.50	\$2.38		\$238.00
Diesel Fuel						
Tractors/Self-Propelled	9.65	Gallon	\$2.14	\$20.65		\$2,065.10
Gasoline						
Pickup/General Use Equipment	1	Acre	\$23.13	\$23.13		\$2,312.56
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84		\$483.84
Tractors/Self-Propelled	1	Acre	\$28.81	\$28.81		\$2,881.31
Implements	1	Acre	\$16.85	\$16.85		\$1,684.93
Interest on Credit Line			6.50%	\$6.31		\$631.47
<b>Total Variable Costs</b>				<b>\$196.11</b>		<b>\$19,611.21</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$4.29</b>		<b>\$428.79</b>
Breakeven Price to Cover Variable Costs			\$6.54 CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20		\$2,520.00
Tractors/Self-Propelled	1	Acre	\$30.73	\$30.73		\$3,073.40
Implements	1	Acre	\$20.37	\$20.37		\$2,037.38
Equipment Investment						
Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83		\$682.50
Tractors/Self-Propelled	\$234.39	Dollars	6.50%	\$15.24		\$1,523.56
Implements	\$96.03	Dollars	6.50%	\$6.24		\$624.21
Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00		\$2,000.00
<b>Total Fixed Costs</b>				<b>\$124.61</b>		<b>\$12,461.05</b>
<b>Total Specified Costs</b>				<b>\$320.72</b>		<b>\$32,072.26</b>
<b>Returns Above Specified Costs</b>				<b>(\$120.32)</b>		<b>(\$12,032.26)</b>
<b>Breakeven Price to Cover Total Costs</b>			\$10.69 CWT			

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	22.50	\$8.72	\$14.25
90%	27.00	\$7.26	\$11.88
100%	30.00	\$6.54	\$10.69
110%	33.00	\$5.94	\$9.72
125%	37.50	\$5.23	\$8.55

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**