

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Dryland Sorghum**  
**South Plains Extension District - 2**

Crop Acres		160			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum	18.00	CWT	\$6.50	\$117.00	\$18,720.00
<b>Total Revenue</b>				<b>\$117.00</b>	<b>\$18,720.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Herbicide and Apply Sorghum Dryland	1	Acre	\$10.50	\$10.50	\$1,680.00
Seed					
Seed - Sorghum	2.25	Pound	\$2.40	\$5.40	\$864.00
Fertilizer					
Fertilizer (N) - Liquid	30	Pound	\$0.38	\$11.40	\$1,824.00
Custom					
Custom Harvest - Sorghum Dryland	1	Acre	\$14.00	\$14.00	\$2,240.00
Custom Haul - Sorghum Dryland	18	CWT	\$0.40	\$7.20	\$1,152.00
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75	\$760.00
Miscellaneous					
Crop Insurance Sorghum - Dryland	1	Acre	\$16.50	\$16.50	\$2,640.00
Insecticide					
Insecticide and Apply Sorghum	1	Acre	\$25.00	\$25.00	\$4,000.00
Machinery Labor					
Tractors/Self-Propelled	0.47	Hour	\$12.00	\$5.64	\$902.40
Other Labor	0.53	Hour	\$12.00	\$6.36	\$1,017.60
Diesel Fuel					
Tractors/Self-Propelled	2.4	Gallon	\$1.90	\$4.56	\$729.60
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.40	\$4.40	\$704.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$80.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$960.00
Implements	1	Acre	\$3.00	\$3.00	\$480.00
Interest on Credit Line			6.00%	\$3.79	\$605.96
<b>Total Variable Costs</b>				<b>\$129.00</b>	<b>\$20,639.56</b>
<b>Planned Returns Above Variable Costs:</b>					
Breakeven Price to Cover Variable Costs			\$7.17 CWT	<b>(\$12.00)</b>	<b>(\$1,919.56)</b>
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Equipment Fixed Costs</b>					
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$200.00
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,920.00
Implements	1	Acre	\$10.00	\$10.00	\$1,600.00
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$4,000.00
Cash Rent - Sorghum	1	Acre	\$50.00	\$50.00	\$8,000.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$320.00
<b>Total Fixed Costs</b>				<b>\$100.25</b>	<b>\$16,040.00</b>
<b>Total Specified Costs</b>				<b>\$229.25</b>	<b>\$36,679.56</b>
<b>Returns Above Specified Costs</b>				<b>(\$112.25)</b>	<b>(\$17,959.56)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$12.74 CWT</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	13.50	\$9.56	\$16.98
90%	16.20	\$7.96	\$14.15
100%	18.00	\$7.17	\$12.74
110%	19.80	\$6.52	\$11.58
125%	22.50	\$5.73	\$10.19

Developed by Agricultural Economists, Texas A&M AgriLife Extension.

**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.**