

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2021 Estimated Costs and Returns per Acre**  
**No-Till Dryland Sorghum, Follow Cotton**  
**West Central Extension District - 7**

Crop Acres		400			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum	22.00	CWT	\$4.85	\$106.70	\$42,680.00
<b>Total Revenue</b>				<b>\$106.70</b>	<b>\$42,680.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Herbicide</b>					
Husky	14.5	Ounce	\$0.89	\$12.86	\$5,142.97
Glyphosate	32	Ounce	\$0.13	\$4.25	\$1,700.00
Atrazine	1	Quart	\$3.43	\$3.43	\$1,370.00
<b>Fertilizer</b>					
Nitrogen Dry-Urea	30	Pounds	\$0.40	\$12.07	\$4,826.40
Phos (11-52-0 DRY MAT)	20	Pounds	\$0.45	\$9.04	\$3,615.20
<b>Custom</b>					
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$100.00
Custom Harvest Sorghum	1	Acre	\$23.33	\$23.33	\$9,332.00
Custom Haul Sorghum	39.3	Bushels	\$0.24	\$9.43	\$3,772.80
<b>Insecticide</b>					
Sivanto	5.5	Ounce	\$2.67	\$14.67	\$5,869.53
<b>Miscellaneous</b>					
GS RP 70%, Ent	1	Acre	\$3.75	\$3.75	\$1,500.00
<b>Seed</b>					
Grain Sorghum - Treated	5	Pounds	\$3.98	\$19.90	\$7,960.00
<b>Machinery Labor</b>					
Tractors/Self-Propelled	0.5	Hour	\$15.00	\$7.50	\$3,000.00
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	3.03	Gallon	\$1.50	\$4.55	\$1,818.00
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$1.53	\$1.53	\$613.44
<b>Repairs &amp; Maintenance</b>					
Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82	\$328.50
Tractors/Self-Propelled	1	Acre	\$7.14	\$7.14	\$2,855.52
Implements	1	Acre	\$6.91	\$6.91	\$2,765.59
Interest on Credit Line			4.55%	\$2.37	\$947.27
<b>Total Variable Costs</b>				<b>\$143.79</b>	<b>\$57,517.22</b>
<b>Planned Returns Above Variable Costs:</b>				<b>(\$37.09)</b>	<b>(\$14,837.22)</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$6.54</b>	<b>CWT</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$696.60
Tractors/Self-Propelled	1	Acre	\$9.40	\$9.40	\$3,759.42
Implements	1	Acre	\$9.51	\$9.51	\$3,805.54
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$9.65	Dollars	5.50%	\$0.53	\$212.36
Tractors/Self-Propelled	\$72.21	Dollars	5.50%	\$3.97	\$1,588.59
Implements	\$40.70	Dollars	5.50%	\$2.24	\$895.36
<b>Management Fee, Owner/Operator Labor</b>					
Rent-Dryland Crop	1	Acre	\$10.00	\$10.00	\$4,000.00
				\$35.00	\$14,000.00
<b>Total Fixed Costs</b>				<b>\$72.39</b>	<b>\$28,957.86</b>
<b>Total Specified Costs</b>				<b>\$216.19</b>	<b>\$86,475.08</b>
<b>Returns Above Specified Costs</b>				<b>(\$109.49)</b>	<b>(\$43,795.08)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$9.83</b>	<b>CWT</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$8.71	\$13.10
90%	19.80	\$7.26	\$10.92
100%	22.00	\$6.54	\$9.83
110%	24.20	\$5.94	\$8.93
125%	27.50	\$5.23	\$7.86

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

**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.**