

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**No-Till Dryland Sorghum, Follow Cotton**  
**West Central Extension District - 7**

Crop Acres		400				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sorghum	22.00	CWT	\$7.02	\$154.44	\$154.44	\$61,776.00
<b>Total Revenue</b>				<b>\$154.44</b>		<b>\$61,776.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Husky	14.5	Ounce	\$0.88	\$12.80		\$5,120.31
Glyphosate	32	Ounce	\$0.13	\$4.07		\$1,629.44
Atrazine	1	Quart	\$3.13	\$3.13		\$1,250.00
<b>Seed</b>						
Grain Sorghum - Treated	5	Pounds	\$3.80	\$19.00		\$7,600.00
<b>Fertilizer</b>						
Nitrogen Dry-Urea	30	Pounds	\$0.48	\$14.51		\$5,803.20
Phos (11-52-0 DRY MAT)	20	Pounds	\$0.55	\$11.00		\$4,400.00
<b>Custom</b>						
Soil Test-Dryland	1	Each	\$0.25	\$0.25		\$100.00
Custom Harvest Sorghum	1	Acre	\$25.00	\$25.00		\$10,000.00
Custom Haul Sorghum	39.3	Bushels	\$0.27	\$10.61		\$4,244.40
<b>Miscellaneous</b>						
GS RP 70%, Ent	1	Acre	\$4.12	\$4.12		\$1,648.00
<b>Insecticide</b>						
Sivanto	5.5	Ounce	\$2.54	\$13.97		\$5,588.00
<b>Machinery Labor</b>						
Tractors/Self-Propelled	0.5	Hour	\$12.00	\$6.00		\$2,400.00
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	3.03	Gallon	\$2.60	\$7.88		\$3,151.20
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$1.82	\$1.82		\$727.92
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82		\$328.50
Tractors/Self-Propelled	1	Acre	\$6.28	\$6.28		\$2,512.96
Implements	1	Acre	\$6.36	\$6.36		\$2,542.71
Interest on Credit Line			6.00%	\$3.19		\$1,274.15
<b>Total Variable Costs</b>				<b>\$150.80</b>		<b>\$60,320.79</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$3.64</b>		<b>\$1,455.21</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$6.85</b>	<b>CWT</b>		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74		\$696.60
Tractors/Self-Propelled	1	Acre	\$8.13	\$8.13		\$3,251.90
Implements	1	Acre	\$8.78	\$8.78		\$3,511.66
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$9.65	Dollars	6.00%	\$0.58		\$231.66
Tractors/Self-Propelled	\$62.51	Dollars	6.00%	\$3.75		\$1,500.24
Implements	\$37.56	Dollars	6.00%	\$2.25		\$901.33
Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00		\$4,000.00
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00		\$14,000.00
<b>Total Fixed Costs</b>				<b>\$70.23</b>		<b>\$28,093.39</b>
<b>Total Specified Costs</b>				<b>\$221.04</b>		<b>\$88,414.17</b>
<b>Returns Above Specified Costs</b>				<b>(\$66.60)</b>		<b>(\$26,638.17)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$10.05</b>	<b>CWT</b>		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	CWT	Costs	Costs
75%	16.50	\$9.14	\$13.40
90%	19.80	\$7.62	\$11.16
100%	22.00	\$6.85	\$10.05
110%	24.20	\$6.23	\$9.13
125%	27.50	\$5.48	\$8.04

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**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.**