

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2019 Estimated Costs and Returns per Acre**  
**Grain Sorghum, Reduced Tillage, Furrow Irrigated, Rio Grande Valley**  
**South Extension District - 12**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum	45.00	CWT	\$6.60	\$297.00	\$29,700.00
<b>Total Revenue</b>				<b>\$297.00</b>	<b>\$29,700.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Harvest/Haul Sorghum	45	CWT	\$0.56	\$25.20	\$2,520.00
Fertilizer					
Fertilizer 25-10-0	0.2	Ton	\$462.00	\$92.40	\$9,240.00
Herbicide					
Glyphosate	3.25	Pint	\$1.56	\$5.08	\$507.81
AAtrex 4L	2	Pint	\$2.48	\$4.95	\$495.28
Insecticide					
Transform	1	Ounce	\$7.80	\$7.80	\$780.00
Seed					
Grain Sorghum Seed	6	Pound	\$3.20	\$19.20	\$1,920.00
Other Labor					
Unallocated Labor	0.22	Hour	\$12.00	\$2.64	\$264.00
Irrigation					
Water Cost	0.40	Acre/Foot	\$20.00	\$8.00	\$800.00
Irrigation Labor	1.10	Hour	\$12.00	\$13.20	\$1,320.00
Machinery Labor					
Tractors/Self-Propelled	0.85	Hour	\$12.00	\$10.20	\$1,020.00
Diesel Fuel					
Tractors/Self-Propelled	4.1	Gallon	\$2.30	\$9.43	\$943.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$7.41	\$7.41	\$741.05
Implements	1	Acre	\$8.51	\$8.51	\$851.28
Interest on Credit Line			5.00%	\$4.16	\$416.36
<b>Total Variable Costs</b>				<b>\$218.19</b>	<b>\$21,818.78</b>
Planned Returns Above Variable Costs:				\$78.81	\$7,881.22
Breakeven Price to Cover Variable Costs			\$4.85 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$8.63	\$8.63	\$862.80
Implements	1	Acre	\$10.29	\$10.29	\$1,028.76
Equipment Investment					
Tractors/Self-Propelled	\$66.76	Dollars	7.00%	\$4.67	\$467.35
Implements	\$50.33	Dollars	7.00%	\$3.52	\$352.34
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
<b>Total Fixed Costs</b>				<b>\$112.11</b>	<b>\$11,211.25</b>
<b>Total Specified Costs</b>				<b>\$330.30</b>	<b>\$33,030.03</b>
Returns Above Specified Costs				<b>(\$33.30)</b>	<b>(\$3,330.03)</b>
Breakeven Price to Cover Total Costs			\$7.34 CWT		

Example Breakeven Prices				
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs	
75%	33.75	\$6.46	\$9.79	
90%	40.50	\$5.39	\$8.16	
100%	45.00	\$4.85	\$7.34	
110%	49.50	\$4.41	\$6.67	
125%	56.25	\$3.88	\$5.87	

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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.**