

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2017 Estimated Costs and Returns per Acre**  
**Grain Sorghum, Reduced Tillage, Furrow Irrigated, Rio Grande Valley - 100 Acres**  
**South Extension District - 12**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Grain Sorghum	45.00	CWT	\$7.10	\$319.50	\$31,950.00	\$31,950.00
Total Revenue				\$319.50	\$31,950.00	\$31,950.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Harvest/Haul Sorghum	45	CWT	\$0.90	\$40.50	\$4,050.00	\$4,050.00
Fertilizer						
Fertilizer 25-10-0	0.2	Ton	\$335.00	\$67.00	\$6,700.00	\$6,700.00
Herbicide						
Glyphosate	3.25	Pint	\$2.48	\$8.06	\$806.00	\$806.00
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80	\$470.80
Insecticide						
Transform	1	Ounce	\$7.50	\$7.50	\$750.00	\$750.00
Seed						
Grain Sorghum Seed	6	Pound	\$4.00	\$24.00	\$2,400.00	\$2,400.00
Other Labor						
Unallocated Labor	0.22	Hour	\$12.00	\$2.64	\$264.00	\$264.00
Irrigation						
Water Cost	0.40	Acre/Foot	\$20.00	\$8.00	\$800.00	\$800.00
Irrigation Labor	1.10	Hour	\$12.00	\$13.20	\$1,320.00	\$1,320.00
Machinery Labor						
Tractors/Self-Propelled	0.85	Hour	\$12.00	\$10.20	\$1,020.00	\$1,020.00
Diesel Fuel						
Tractors/Self-Propelled	4.13	Gallon	\$2.10	\$8.67	\$867.30	\$867.30
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$7.62	\$7.62	\$761.54	\$761.54
Implements	1	Acre	\$8.64	\$8.64	\$864.40	\$864.40
Interest on Credit Line			5.00%	\$3.41	\$341.03	\$341.03
Total Variable Costs				\$214.15	\$21,415.08	\$21,415.08
Planned Returns Above Variable Costs:				\$105.35	\$10,534.92	\$10,534.92
Breakeven Price to Cover Variable Costs			\$4.76	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$8.78	\$8.78	\$878.42	\$878.42
Implements	1	Acre	\$10.44	\$10.44	\$1,044.41	\$1,044.41
Equipment Investment						
Tractors/Self-Propelled	\$68.01	Dollars	7.00%	\$4.76	\$476.05	\$476.05
Implements	\$50.92	Dollars	7.00%	\$3.56	\$356.46	\$356.46
Total Fixed Costs				\$27.55	\$2,755.33	\$2,755.33
Total Specified Costs				\$241.70	\$24,170.41	\$24,170.41
Returns Above Specified Costs				\$77.80	\$7,779.59	\$7,779.59
Breakeven Price to Cover Total Costs			\$5.37	CWT		

Example Breakeven Prices				
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	CWT	Costs	Costs	
75%	33.75	\$6.35	\$7.16	
90%	40.50	\$5.29	\$5.97	
100%	45.00	\$4.76	\$5.37	
110%	49.50	\$4.33	\$4.88	
125%	56.25	\$3.81	\$4.30	

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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.**