

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2019 Estimated Costs and Returns per Acre**  
**Rotation, Sorghum-Fallow-Wheat, Minimum Till, Sorghum**  
**Panhandle Extension District - 1**

Crop Acres		160				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum		25.00	CWT	\$6.70	\$167.50	\$26,800.00
Total Revenue					\$167.50	\$26,800.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
Fertilizer Application - ANH3		1	Acre	\$15.36	\$15.36	\$2,457.60
Custom Harvest - Sorghum Dryland		1	Acre	\$25.61	\$25.61	\$4,097.60
Custom Haul - Sorghum Dryland		25	CWT	\$0.26	\$6.50	\$1,040.00
Fertilizer						
Fertilizer (N) - ANH3		40	Pound	\$0.28	\$11.20	\$1,792.00
Herbicide						
Herbicide and Apply Sorghum		1	Acre	\$19.95	\$19.95	\$3,192.00
Insecticide						
Insecticide Head Worm		0.33	Application	\$10.12	\$3.34	\$534.34
Insecticide Sugar Cane Aphid		1	Application	\$21.69	\$21.69	\$3,470.40
Miscellaneous						
Crop Insurance Sorghum - Dryland		1	Acre	\$17.40	\$17.40	\$2,784.00
Seed						
Seed - Sorghum		2.25	Pound	\$2.16	\$4.86	\$777.60
Machinery Labor						
Tractors/Self-Propelled		0.33	Hour	\$13.03	\$4.30	\$687.98
Other Labor		0.35	Hour	\$13.03	\$4.56	\$729.68
Diesel Fuel						
Tractors/Self-Propelled		1.91	Gallon	\$2.33	\$4.45	\$712.05
Gasoline						
Pickup/General Use Equipment		1	Acre	\$4.77	\$4.77	\$763.75
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$2.49	\$2.49	\$397.80
Tractors/Self-Propelled		1	Acre	\$3.64	\$3.64	\$582.06
Implements		1	Acre	\$9.31	\$9.31	\$1,489.04
Interest on Credit Line				6.04%	\$3.04	\$485.89
Total Variable Costs					\$162.46	\$25,993.80
Planned Returns Above Variable Costs:					\$5.04	\$806.20
Breakeven Price to Cover Variable Costs				\$6.50	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$2.61	\$2.61	\$417.69
Tractors/Self-Propelled		1	Acre	\$3.54	\$3.54	\$565.92
Implements		1	Acre	\$12.07	\$12.07	\$1,931.79
Equipment Investment						
Pickup/General Use Equipment		\$18.03	Dollars	6.32%	\$1.14	\$182.27
Tractors/Self-Propelled		\$27.55	Dollars	6.32%	\$1.74	\$278.63
Implements		\$51.65	Dollars	6.32%	\$3.26	\$522.27
Cash Rent - Sorghum		1	Acre	\$26.50	\$26.50	\$4,240.00
Total Fixed Costs					\$50.87	\$8,138.58
Total Specified Costs					\$213.33	\$34,132.37
Returns Above Specified Costs					(\$45.83)	(\$7,332.37)
Breakeven Price to Cover Total Costs				\$8.53	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$8.66	\$11.38
90%	22.50	\$7.22	\$9.48
100%	25.00	\$6.50	\$8.53
110%	27.50	\$5.91	\$7.76
125%	31.25	\$5.20	\$6.83

Developed by DeDe Jones, Extension Risk Management Specialist III, Texas A&M AgriLife Extension, 806-677-5600.

**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.**