

**2021 Estimated Costs and Returns per Acre  
Seed Sorghum, Sprinkler Irrigated (NG)  
Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise
Seed Sorghum - Female Only	45.00	CWT	\$20.73	\$932.99	\$113,824.37	
<b>Total Revenue</b>				<b>\$932.99</b>	<b>\$113,824.37</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Herbicide						
Herbicide and Apply Sorghum Irrig.	1	Acre	\$24.77	\$24.77	\$3,022.45	
Seed						
Seed - Sorghum	0	Pound	\$2.11	\$0.00	\$0.00	
Fertilizer						
Fertilizer (N) - ANH3	65	Pound	\$0.30	\$19.50	\$2,379.00	
Fertilizer (P) - Liquid	50	Pound	\$0.49	\$24.50	\$2,989.00	
Fertilizer (N) - Liquid	60	Pound	\$0.50	\$30.00	\$3,660.00	
Custom						
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27	
Harvest and Haul - Sorghum	45	CWT	\$0.91	\$40.91	\$4,991.30	
Miscellaneous						
Crop Insurance Sorghum - Irrigated	1	Acre	\$33.00	\$33.00	\$4,026.00	
Insecticide						
Insecticide Head Worm	0.67	Application	\$10.58	\$7.09	\$864.95	
Insecticide Sugar Cane Aphid	1	Application	\$22.68	\$22.68	\$2,766.91	
Irrigation						
Energy Cost	16.00	AcreInch	\$3.35	\$53.60	\$6,539.20	
Irrigation Labor	1.02	Hour	\$13.65	\$13.98	\$1,705.27	
Machinery Labor						
Tractors/Self-Propelled	0.33	Hour	\$13.43	\$4.43	\$540.69	
Other Labor	0.37	Hour	\$13.43	\$4.97	\$606.23	
Diesel Fuel						
Tractors/Self-Propelled	1.92	Gallon	\$2.19	\$4.21	\$513.03	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.20	\$5.20	\$634.50	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00	
Irrigation Equipment	1	Acre	\$60.00	\$60.00	\$7,320.00	
Tractors/Self-Propelled	1	Acre	\$3.80	\$3.80	\$463.91	
Implements	1	Acre	\$15.21	\$15.21	\$1,855.64	
Interest on Credit Line			6.25%	\$8.65	\$1,055.23	
<b>Total Variable Costs</b>				<b>\$395.06</b>	<b>\$48,197.59</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$537.92</b>	<b>\$65,626.77</b>	
Breakeven Price to Cover Variable Costs			\$8.78	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	
Irrigation Equipment	1	Acre	\$40.42	\$40.42	\$4,931.25	
Tractors/Self-Propelled	1	Acre	\$3.72	\$3.72	\$453.33	
Implements	1	Acre	\$19.00	\$19.00	\$2,317.45	
Equipment Investment						
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66	
Irrigation Equipment	\$521.00	Dollars	6.25%	\$32.56	\$3,972.66	
Tractors/Self-Propelled	\$28.95	Dollars	6.25%	\$1.81	\$220.73	
Implements	\$81.26	Dollars	6.25%	\$5.08	\$619.60	
Cash Rent - Sorghum f	1	Acre	\$76.00	\$76.00	\$9,272.00	
<b>Total Fixed Costs</b>				<b>\$182.35</b>	<b>\$22,246.97</b>	
<b>Total Specified Costs</b>				<b>\$577.41</b>	<b>\$70,444.56</b>	
<b>Returns Above Specified Costs</b>				<b>\$355.57</b>	<b>\$43,379.81</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$12.83</b>	CWT		

Developed by Justin Benavidez, Assistant Professor, 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.**