

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Acre
Sorghum, Dryland, Continuous, Minimum Tillage
Panhandle Extension District - 1

Crop Acres		160		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	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					
Herbicide					
Herbicide and Apply Sorghum	1	Acre	\$19.95	\$19.95	\$3,192.00
Seed					
Seed - Sorghum	2.25	Pound	\$2.16	\$4.86	\$777.60
Fertilizer					
Fertilizer (N) - ANH3	40	Pound	\$0.28	\$11.20	\$1,792.00
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
Miscellaneous					
Crop Insurance Sorghum - Dryland	1	Acre	\$17.40	\$17.40	\$2,784.00
Insecticide					
Insecticide Head Worm	0.67	Application	\$10.12	\$6.78	\$1,084.86
Insecticide Sugar Cane Aphid	1	Application	\$21.69	\$21.69	\$3,470.40
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%	\$3.09	\$493.82
Total Variable Costs				\$165.95	\$26,552.25
Planned Returns Above Variable Costs:				\$1.55	\$247.75
Breakeven Price to Cover Variable Costs			\$6.64	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				\$216.82	\$34,690.83
Returns Above Specified Costs				(\$49.32)	(\$7,890.83)
Breakeven Price to Cover Total Costs			\$8.67	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	18.75	\$8.85	\$11.56
90%	22.50	\$7.38	\$9.64
100%	25.00	\$6.64	\$8.67
110%	27.50	\$6.03	\$7.88
125%	31.25	\$5.31	\$6.94

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.