

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2022 Estimated Costs and Returns per Acre
Non-Irrigated Sorghum Haygrazer, 3 ton yield
West Central Extension District - 7

Crop Acres		50				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Hay, 1200# BRB	3.00	Ton	\$195.00	\$585.00	\$585.00	\$29,250.00
Total Revenue				\$585.00	\$585.00	\$29,250.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
Nitrogen Dry-Urea	40	Pounds	\$0.41	\$16.40	\$16.40	\$820.00
Herbicide						
Husky	12	Ounce	\$0.89	\$10.64	\$10.64	\$532.03
Custom						
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$0.25	\$12.50
Swath, Rake and Bale	5	Bale	\$29.58	\$147.90	\$147.90	\$7,395.00
Seed						
Forage Sorghum	15	Pound	\$1.79	\$26.85	\$26.85	\$1,342.50
Insecticide						
Transform	1	Ounce	\$7.78	\$7.78	\$7.78	\$389.06
Machinery Labor						
Tractors/Self-Propelled	0.81	Hour	\$16.12	\$13.06	\$13.06	\$652.86
Diesel Fuel						
Tractors/Self-Propelled	6.06	Gallon	\$2.67	\$16.18	\$16.18	\$809.01
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.98	\$4.98	\$4.98	\$249.00
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.19	\$2.19	\$2.19	\$109.50
Tractors/Self-Propelled	1	Acre	\$16.28	\$16.28	\$16.28	\$814.07
Implements	1	Acre	\$4.69	\$4.69	\$4.69	\$234.60
Interest on Credit Line			6.30%	\$2.61	\$2.61	\$130.38
Total Variable Costs				\$269.81	\$269.81	\$13,490.51
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$89.94	Ton	\$315.19	\$15,759.49
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$4.64	\$4.64	\$4.64	\$232.20
Tractors/Self-Propelled	1	Acre	\$17.08	\$17.08	\$17.08	\$853.83
Implements	1	Acre	\$6.19	\$6.19	\$6.19	\$309.45
Equipment Investment						
Pickup/General Use Equipment	\$25.74	Dollars	6.30%	\$1.62	\$1.62	\$81.08
Tractors/Self-Propelled	\$132.82	Dollars	6.30%	\$8.37	\$8.37	\$418.38
Implements	\$27.03	Dollars	6.30%	\$1.70	\$1.70	\$85.14
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$35.00	\$1,750.00
Total Fixed Costs				\$74.60	\$74.60	\$3,730.09
Total Specified Costs				\$344.41	\$344.41	\$17,220.60
Returns Above Specified Costs				\$240.59	\$240.59	\$12,029.40
Breakeven Price to Cover Total Costs			\$114.80	Ton		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	2.25	\$119.92	\$153.07
90%	2.70	\$99.93	\$127.56
100%	3.00	\$89.94	\$114.80
110%	3.30	\$81.76	\$104.37
125%	3.75	\$71.95	\$91.84

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.