

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2024 Estimated Costs and Returns per Acre**  
**Sorghum-Sudangrass for Hay, Dryland, 3 Ton Yield**  
**Far West Extension District - 6**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sorghum Hay	3.00	Ton	\$214.50	\$643.50	\$78,507.00	
<b>Total Revenue</b>				<b>\$643.50</b>	<b>\$78,507.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Production Costs</b>						
Fertilizer						
Urea, Solid (46% N)	0.89	CWT	\$31.15	\$27.72	\$3,382.27	
Seed						
Haygrazer Seed	15	Pound	\$1.79	\$26.85	\$3,275.70	
Machinery Labor						
Tractors/Self-Propelled	1.9	Hour	\$17.21	\$32.70	\$3,989.28	
Diesel Fuel						
Tractors/Self-Propelled	8.79	Gallon	\$3.60	\$31.64	\$3,860.57	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$5.07	\$5.07	\$618.03	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.80	\$0.80	\$98.10	
Tractors/Self-Propelled	1	Acre	\$16.14	\$16.14	\$1,969.38	
Implements	1	Acre	\$13.14	\$13.14	\$1,603.68	
Interest on Credit Line			8.00%	\$3.52	\$429.52	
<b>Total Variable Costs</b>				<b>\$157.59</b>	<b>\$19,226.52</b>	
Planned Returns Above Variable Costs:				\$485.91	\$59,280.48	
Breakeven Price to Cover Variable Costs			\$52.53	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$3.02	\$3.02	\$367.88	
Tractors/Self-Propelled	1	Acre	\$18.67	\$18.67	\$2,277.76	
Implements	1	Acre	\$16.98	\$16.98	\$2,071.61	
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$12.56	Dollars	8.00%	\$1.01	\$122.63	
Tractors/Self-Propelled	\$140.81	Dollars	8.00%	\$11.27	\$1,374.34	
Implements	\$76.94	Dollars	8.00%	\$6.16	\$750.98	
West Texas Dryland	1	Acre	\$15.00	\$15.00	\$1,830.00	
<b>Total Fixed Costs</b>				<b>\$72.09</b>	<b>\$8,795.19</b>	
<b>Total Specified Costs</b>				<b>\$229.69</b>	<b>\$28,021.70</b>	
Returns Above Specified Costs				\$413.81	\$50,485.30	
Breakeven Price to Cover Total Costs			\$76.56	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	2.25	\$70.04	\$102.08
90%	2.70	\$58.37	\$85.07
100%	3.00	\$52.53	\$76.56
110%	3.30	\$47.76	\$69.60
125%	3.75	\$42.03	\$61.25

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**