

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2020 Estimated Costs and Returns per Acre**  
**Sorghum-Sudangrass for Hay, Center Pivot Irrigated, 5 Ton Yield**  
**Far West Extension District - 6**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sorghum Hay	5.00	Ton	\$136.00	\$680.00	\$680.00	\$82,960.00
<b>Total Revenue</b>				<b>\$680.00</b>	<b>\$680.00</b>	<b>\$82,960.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Fertilizer						
Urea, Solid (46% N)	0.89	CWT	\$22.25	\$19.80		\$2,415.91
Seed						
Haygrazer Seed	15	Pound	\$1.60	\$24.00		\$2,928.00
Irrigation						
Energy Cost	3.42	Mcf	\$5.61	\$19.19		\$2,340.72
Irrigation Labor	0.02	Hour	\$15.00	\$0.30		\$36.23
Machinery Labor						
Tractors/Self-Propelled	3.17	Hour	\$15.00	\$47.55		\$5,801.10
Diesel Fuel						
Tractors/Self-Propelled	13.33	Gallon	\$2.60	\$34.66		\$4,228.28
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.72	\$7.72		\$941.76
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61		\$196.20
Irrigation Equipment	1	Acre	\$9.05	\$9.05		\$1,104.14
Tractors/Self-Propelled	1	Acre	\$21.22	\$21.22		\$2,588.34
Implements	1	Acre	\$12.86	\$12.86		\$1,569.31
Interest on Credit Line			6.00%	\$3.34		\$407.44
<b>Total Variable Costs</b>				<b>\$201.29</b>	<b>\$201.29</b>	<b>\$24,557.43</b>
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$40.26	Ton	\$478.71	\$58,402.57
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03		\$735.75
Irrigation Equipment	1	Acre	\$24.32	\$24.32		\$2,966.87
Tractors/Self-Propelled	1	Acre	\$24.64	\$24.64		\$3,005.93
Implements	1	Acre	\$17.18	\$17.18		\$2,096.42
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$25.13	Dollars	6.00%	\$1.51		\$183.94
Irrigation Equipment	\$182.39	Dollars	6.00%	\$10.94		\$1,335.09
Tractors/Self-Propelled	\$185.63	Dollars	6.00%	\$11.14		\$1,358.79
Implements	\$80.67	Dollars	6.00%	\$4.84		\$590.51
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00		\$4,880.00
<b>Total Fixed Costs</b>				<b>\$140.60</b>	<b>\$140.60</b>	<b>\$17,153.31</b>
<b>Total Specified Costs</b>				<b>\$341.89</b>	<b>\$341.89</b>	<b>\$41,710.74</b>
Returns Above Specified Costs					\$338.11	\$41,249.26
<b>Breakeven Price to Cover Total Costs</b>			<b>\$68.38</b>	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	3.75	\$53.68	\$91.17
90%	4.50	\$44.73	\$75.98
100%	5.00	\$40.26	\$68.38
110%	5.50	\$36.60	\$62.16
125%	6.25	\$32.21	\$54.70

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**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.**