

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 Estimated Costs and Returns per Acre
Sorghum-Sudangrass for Hay, Center Pivot Irrigated, 5 Ton Yield
Far West Extension District - 6

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum Hay		5.00	Ton	\$214.50	\$1,072.50	\$130,845.00
Total Revenue					\$1,072.50	\$130,845.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
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
Irrigation						
Energy Cost		3.42	AcreInch	\$10.00	\$34.20	\$4,172.40
Irrigation Labor		0.02	Hour	\$17.50	\$0.35	\$42.27
Machinery Labor						
Tractors/Self-Propelled		3.17	Hour	\$17.21	\$54.56	\$6,655.80
Diesel Fuel						
Tractors/Self-Propelled		13.85	Gallon	\$2.80	\$38.78	\$4,731.16
Gasoline						
Pickup/General Use Equipment		1	Acre	\$8.68	\$8.68	\$1,059.48
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	\$22.53	\$22.53	\$2,748.85
Implements		1	Acre	\$13.65	\$13.65	\$1,665.40
Interest on Credit Line				8.00%	\$5.31	\$648.30
Total Variable Costs					\$243.29	\$29,681.97
Planned Returns Above Variable Costs:					\$829.21	\$101,163.03
Breakeven Price to Cover Variable Costs				\$48.66	Ton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
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	\$27.27	\$27.27	\$3,327.28
Implements		1	Acre	\$18.21	\$18.21	\$2,221.46
Equipment Investment						
Pickup/General Use Equipment		\$25.13	Dollars	8.00%	\$2.01	\$245.25
Irrigation Equipment		\$182.39	Dollars	8.00%	\$14.59	\$1,780.12
Tractors/Self-Propelled		\$203.20	Dollars	8.00%	\$16.26	\$1,983.21
Implements		\$85.84	Dollars	8.00%	\$6.87	\$837.79
Trans Pecos Irrigated Land		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$165.56	\$20,197.73
Total Specified Costs					\$408.85	\$49,879.70
Returns Above Specified Costs					\$663.65	\$80,965.30
Breakeven Price to Cover Total Costs				\$81.77	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	3.75	\$64.88	\$109.03
90%	4.50	\$54.07	\$90.86
100%	5.00	\$48.66	\$81.77
110%	5.50	\$44.24	\$74.34
125%	6.25	\$38.93	\$65.42

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.