

**2021 Estimated Costs and Returns per Acre
Irrigated Bermudagrass Hay
Southwest Extension District - 10**

Crop Acres		100				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Bermuda Hay	12.00	Ton	\$160.00	\$1,920.00	\$192,000.00		
Total Revenue				\$1,920.00	\$192,000.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Fertilizer							
Fertilizer 22-6-17	1816	Pound	\$0.20	\$363.20	\$36,320.00		
Herbicide							
Prowl H2O	4	Pint	\$6.09	\$24.38	\$2,437.50		
Miscellaneous							
Miscellaneous Forage Overhead	1	Acre	\$4.00	\$4.00	\$400.00		
Irrigation							
Energy Cost	3036.00	kWh	\$0.17	\$516.12	\$51,612.00		
Irrigation Labor	0.37	Hour	\$11.00	\$4.05	\$404.80		
Machinery Labor							
Tractors/Self-Propelled	4.08	Hour	\$12.00	\$48.96	\$4,896.00		
Diesel Fuel							
Tractors/Self-Propelled	17.86	Gallon	\$2.00	\$35.72	\$3,572.00		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$18.78	\$18.78	\$1,877.83		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$13.44	\$13.44	\$1,344.00		
Irrigation Equipment	1	Acre	\$28.62	\$28.62	\$2,861.73		
Tractors/Self-Propelled	1	Acre	\$25.01	\$25.01	\$2,501.18		
Implements	1	Acre	\$15.50	\$15.50	\$1,550.48		
Interest on Credit Line			6.50%	\$10.48	\$1,047.97		
Total Variable Costs				\$1,108.26	\$110,825.50		
Planned Returns Above Variable Costs:				\$811.74	\$81,174.50		
Breakeven Price to Cover Variable Costs			\$92.35	Ton			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$25.74	\$25.74	\$2,574.00		
Irrigation Equipment	1	Acre	\$98.31	\$98.31	\$9,831.25		
Tractors/Self-Propelled	1	Acre	\$25.11	\$25.11	\$2,511.11		
Implements	1	Acre	\$23.09	\$23.09	\$2,308.64		
Equipment Investment							
Pickup/General Use Equipment	\$107.25	Dollars	6.50%	\$6.97	\$697.13		
Irrigation Equipment	\$788.13	Dollars	6.50%	\$51.23	\$5,122.81		
Tractors/Self-Propelled	\$195.14	Dollars	6.50%	\$12.68	\$1,268.41		
Implements	\$164.08	Dollars	6.50%	\$10.67	\$1,066.52		
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$5,000.00		
Total Fixed Costs				\$303.80	\$30,379.86		
Total Specified Costs				\$1,412.05	\$141,205.36		
Returns Above Specified Costs				\$507.95	\$50,794.64		
Breakeven Price to Cover Total Costs			\$117.67	Ton			

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.