

**2024 Estimated Costs and Returns per Acre
Hay Production, Furrow Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres	100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Bermuda Hay	36.00	Bale (950 lb)	\$95.00	\$3,420.00	\$342,000.00
Total Revenue				\$3,420.00	\$342,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Ammonium Sulfate (21% N)	21.43	CWT	\$26.46	\$567.09	\$56,709.14
Custom					
Hay Harvest	36	Bale	\$25.00	\$900.00	\$90,000.00
Herbicide					
Pendimethalin	3	Pint	\$7.00	\$20.99	\$2,099.25
Other Labor					
Unallocated Labor	1	Hour	\$15.00	\$15.00	\$1,500.00
Irrigation					
Water Cost	3.00	Acre/Foot	\$22.67	\$68.00	\$6,800.00
Irrigation Labor	2.10	Hour	\$17.50	\$36.75	\$3,675.00
Machinery Labor					
Tractors/Self-Propelled	1.32	Hour	\$17.21	\$22.72	\$2,271.72
Other Labor	0.43	Hour	\$17.21	\$7.40	\$740.03
Diesel Fuel					
Tractors/Self-Propelled	7.62	Gallon	\$3.60	\$27.43	\$2,743.20
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$16.55	\$16.55	\$1,655.37
Implements	1	Acre	\$9.96	\$9.96	\$996.25
Interest on Credit Line			8.00%	\$52.49	\$5,248.65
Total Variable Costs				\$1,744.39	\$174,438.61
Planned Returns Above Variable Costs:				\$1,675.61	\$167,561.39
Breakeven Price to Cover Variable Costs			\$48.46	Bale (950 lb)	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$18.15	\$18.15	\$1,814.72
Implements	1	Acre	\$15.39	\$15.39	\$1,538.83
Equipment Investment					
Tractors/Self-Propelled	\$140.89	Dollars	8.00%	\$11.27	\$1,127.11
Implements	\$64.91	Dollars	8.00%	\$5.19	\$519.25
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				\$135.00	\$13,499.91
Total Specified Costs				\$1,879.39	\$187,938.52
Returns Above Specified Costs				\$1,540.61	\$154,061.48
Breakeven Price to Cover Total Costs			\$52.21	Bale (950 lb)	

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.