

**2021 Estimated Costs and Returns per Acre
Coastal Bermudagrass Hay, Large Bales
East Texas Extension District - 5**

| Crop Acres | | 25 | | | |
|---|----------|---------|----------|------------------|---------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Bermuda Hay, Large Bales | 3.00 | Ton | \$130.00 | \$390.00 | \$9,750.00 |
| Total Revenue | | | | \$390.00 | \$9,750.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Production Costs | | | | | |
| Fertilizer | | | | | |
| Nitrogen | 240 | Pound | \$0.55 | \$132.00 | \$3,300.00 |
| Phosphate | 48 | Pound | \$0.50 | \$24.00 | \$600.00 |
| Potash | 192 | Pound | \$0.30 | \$57.60 | \$1,440.00 |
| Lime | 0.333333 | Ton | \$65.00 | \$21.67 | \$541.67 |
| Herbicide | | | | | |
| Glyphosphate | 32 | Ounce | \$0.11 | \$3.50 | \$87.50 |
| Pasture Herbicide | 4 | Acre | \$10.00 | \$40.00 | \$1,000.00 |
| Custom | | | | | |
| Custom Round Baling | 3 | Ton | \$50.00 | \$150.00 | \$3,750.00 |
| Custom Round Bale Hauling | 3 | Ton | \$2.00 | \$6.00 | \$150.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 0.45 | Hour | \$15.00 | \$6.75 | \$168.75 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 1.47 | Gallon | \$2.40 | \$3.53 | \$88.20 |
| Gasoline | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$2.25 | \$2.25 | \$56.25 |
| Repairs & Maintenance | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$1.22 | \$1.22 | \$30.60 |
| Tractors/Self-Propelled | 1 | Acre | \$1.92 | \$1.92 | \$47.98 |
| Implements | 1 | Acre | \$0.67 | \$0.67 | \$16.64 |
| Interest on Credit Line | | | 4.75% | \$6.51 | \$162.76 |
| Total Variable Costs | | | | \$457.61 | \$11,440.35 |
| Planned Returns Above Variable Costs: | | | | (\$67.61) | (\$1,690.35) |
| Breakeven Price to Cover Variable Costs | | | \$152.54 | Ton | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Machinery Depreciation | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$1.29 | \$1.29 | \$32.13 |
| Tractors/Self-Propelled | 1 | Acre | \$1.59 | \$1.59 | \$39.67 |
| Implements | 1 | Acre | \$0.60 | \$0.60 | \$14.98 |
| Equipment Investment | | | | | |
| Pickup/General Use Equipment | \$8.87 | Dollars | 5.25% | \$0.47 | \$11.65 |
| Tractors/Self-Propelled | \$12.36 | Dollars | 5.25% | \$0.65 | \$16.22 |
| Implements | \$2.56 | Dollars | 5.25% | \$0.13 | \$3.36 |
| Bermuda Pasture Rent | 1 | Acre | \$20.00 | \$20.00 | \$500.00 |
| Total Fixed Costs | | | | \$24.72 | \$618.01 |
| Total Specified Costs | | | | \$482.33 | \$12,058.36 |
| Returns Above Specified Costs | | | | (\$92.33) | (\$2,308.36) |
| Breakeven Price to Cover Total Costs | | | \$160.78 | Ton | |

Developed by Vanessa Olson, Extension Forage Specialist; and, Jason Banta, Extension Beef Cattle Specialist, Texas A&M AgriLife Extension Service. For more information, contact: Vanessa Olson or Jason Banta at 903-834-6191.

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.