

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 Estimated Costs and Returns per Acre
Coastal Bermudagrass Hay
Central Texas Extension District - 8

| Crop Acres | | 100 | | | | Enterprise |
|---|----------|---------|----------------|-----------------|--------------------|------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Bermuda Hay | 6.00 | Roll | \$55.00 | \$330.00 | \$33,000.00 | |
| Total Revenue | | | | \$330.00 | \$33,000.00 | |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Production Costs | | | | | | |
| Custom | | | | | | |
| Land Renovation | 1 | Acre | \$5.00 | \$5.00 | \$500.00 | |
| Custom Spray | 3 | Acre | \$5.00 | \$15.00 | \$1,500.00 | |
| Cut and Bale | 3 | Acre | \$40.00 | \$120.00 | \$12,000.00 | |
| Fertilizer | | | | | | |
| 24-6-12 | 300 | Pound | \$0.18 | \$54.00 | \$5,400.00 | |
| 34-0-0 | 300 | Pound | \$0.18 | \$54.00 | \$5,400.00 | |
| Insecticide | | | | | | |
| Hay Pre and Post Herbicide | 1 | Acre | \$6.75 | \$6.75 | \$675.00 | |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 1.43 | Hour | \$10.00 | \$14.30 | \$1,430.00 | |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 4.64 | Gallon | \$2.40 | \$11.14 | \$1,113.60 | |
| Repairs & Maintenance | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$6.03 | \$6.03 | \$602.64 | |
| Implements | 1 | Acre | \$0.62 | \$0.62 | \$61.68 | |
| Interest on Credit Line | | | 4.75% | \$3.02 | \$302.00 | |
| Total Variable Costs | | | | \$289.85 | \$28,984.92 | |
| Planned Returns Above Variable Costs: | | | | \$40.15 | \$4,015.08 | |
| Breakeven Price to Cover Variable Costs | | | \$48.31 | Roll | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Machinery Depreciation | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$4.98 | \$4.98 | \$498.18 | |
| Implements | 1 | Acre | \$0.81 | \$0.81 | \$80.58 | |
| Equipment Investment | | | | | | |
| Tractors/Self-Propelled | \$38.81 | Dollars | 6.00% | \$2.33 | \$232.86 | |
| Implements | \$6.25 | Dollars | 6.00% | \$0.38 | \$37.51 | |
| Total Fixed Costs | | | | \$8.49 | \$849.13 | |
| Total Specified Costs | | | | \$298.34 | \$29,834.05 | |
| Returns Above Specified Costs | | | | \$31.66 | \$3,165.95 | |
| Breakeven Price to Cover Total Costs | | | \$49.72 | Roll | | |

| Example Breakeven Prices | | | |
|--------------------------|--------------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield Roll | To Cover Variable Costs | To Cover Total Costs |
| 75% | 4.50 | \$64.41 | \$66.30 |
| 90% | 5.40 | \$53.68 | \$55.25 |
| 100% | 6.00 | \$48.31 | \$49.72 |
| 110% | 6.60 | \$43.92 | \$45.20 |
| 125% | 7.50 | \$38.65 | \$39.78 |

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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.