

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Coastal Bermudagrass Hay - 100 Acres**  
**North Texas Extension District - 4**

Crop Acres	100					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Bermuda Hay	150.00	Bale	\$7.00	\$1,050.00	\$105,000.00	
<b>Total Revenue</b>				<b>\$1,050.00</b>	<b>\$105,000.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>					<b>Total</b>	
Custom						
Custom Baling	150	Bale	\$1.50	\$225.00	\$22,500.00	
Custom Hay Hauling	150	Bale	\$1.25	\$187.50	\$18,750.00	
Fertilizer						
34-0-0	750	Pounds	\$0.35	\$262.50	\$26,250.00	
18-46-0	100	Pounds	\$0.36	\$36.00	\$3,600.00	
Herbicide						
Pre-Emerge Bermuda	1	Acre	\$7.50	\$7.50	\$750.00	
Machinery Labor						
Tractors/Self-Propelled	0.26	Hour	\$10.00	\$2.60	\$260.00	
Diesel Fuel						
Tractors/Self-Propelled	1.3	Gallon	\$3.50	\$4.55	\$455.00	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$2.08	\$2.08	\$207.89	
Implements	1	Acre	\$1.25	\$1.25	\$124.62	
Interest on Credit Line			4.75%	\$9.84	\$984.40	
<b>Total Variable Costs</b>				<b>\$738.82</b>	<b>\$73,881.91</b>	
Planned Returns Above Variable Costs:				\$311.18	\$31,118.09	
Breakeven Price to Cover Variable Costs			\$4.93	Bale		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Machinery Depreciation</b>					<b>Total</b>	
Tractors/Self-Propelled	1	Acre	\$2.09	\$2.09	\$208.67	
Implements	1	Acre	\$0.97	\$0.97	\$96.93	
Equipment Investment						
Tractors/Self-Propelled	\$16.26	Dollars	6.00%	\$0.98	\$97.54	
Implements	\$9.72	Dollars	6.00%	\$0.58	\$58.33	
Rent-Coastal	1	Acre	\$12.00	\$12.00	\$1,200.00	
<b>Total Fixed Costs</b>				<b>\$16.61</b>	<b>\$1,661.46</b>	
<b>Total Specified Costs</b>				<b>\$755.43</b>	<b>\$75,543.37</b>	
Returns Above Specified Costs				\$294.57	\$29,456.63	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.04</b>	<b>Bale</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bale	To Cover Variable Costs	To Cover Total Costs
75%	112.50	\$6.57	\$6.71
90%	135.00	\$5.47	\$5.60
100%	150.00	\$4.93	\$5.04
110%	165.00	\$4.48	\$4.58
125%	187.50	\$3.94	\$4.03

Developed by Blake Bennet, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 972-952-9273.

**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.**