

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**Coastal Bermudagrass Hay - 100 Acres**  
**East Texas Extension District - 5**

Crop Acres		100					
					Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Bermuda Hay	7.00	Roll	\$50.00	\$350.00	\$35,000.00		
<b>Total Revenue</b>				<b>\$350.00</b>	<b>\$35,000.00</b>		
VARIABLE COSTS			Quantity	Units	\$/Unit	Total	Enterprise
Production Costs							Total
Fertilizer							
Nitrogen	100	Pound	\$0.35	\$35.00	\$3,500.00		
Phosphate	37	Pound	\$0.25	\$9.25	\$925.00		
Potash	75	Pound	\$0.23	\$17.25	\$1,725.00		
Nitrogen	100	Pound	\$0.35	\$35.00	\$3,500.00		
Potash	78	Pound	\$0.23	\$17.94	\$1,794.00		
Nitrogen	100	Pound	\$0.35	\$35.00	\$3,500.00		
Potash	78	Pound	\$0.23	\$17.94	\$1,794.00		
Nitrogen	50	Pound	\$0.35	\$17.50	\$1,750.00		
Potash	40	Pound	\$0.23	\$9.20	\$920.00		
Lime	0.3333333	Ton	\$50.00	\$16.67	\$1,666.67		
Custom							
Custom Baling	2	Roll	\$15.00	\$30.00	\$3,000.00		
Custom Hay Hauling	2	Roll	\$3.00	\$6.00	\$600.00		
Custom Baling	2	Roll	\$15.00	\$30.00	\$3,000.00		
Custom Hay Hauling	2	Roll	\$3.00	\$6.00	\$600.00		
Custom Baling	1.5	Roll	\$15.00	\$22.50	\$2,250.00		
Custom Hay Hauling	1.5	Roll	\$3.00	\$4.50	\$450.00		
Custom Baling	1.5	Roll	\$15.00	\$22.50	\$2,250.00		
Custom Hay Hauling	1.5	Roll	\$3.00	\$4.50	\$450.00		
Machinery Labor							
Tractors/Self-Propelled	0.62	Hour	\$10.00	\$6.20	\$620.00		
Diesel Fuel							
Tractors/Self-Propelled	1.6	Gallon	\$3.28	\$5.25	\$524.80		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$8.13	\$8.13	\$812.50		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$3.06	\$3.06	\$306.00		
Tractors/Self-Propelled	1	Acre	\$5.87	\$5.87	\$587.01		
Implements	1	Acre	\$1.91	\$1.91	\$191.30		
Interest on Credit Line			4.75%	\$4.17	\$416.83		
<b>Total Variable Costs</b>				<b>\$371.33</b>	<b>\$37,133.10</b>		
<b>Planned Returns Above Variable Costs:</b>				<b>(\$21.33)</b>	<b>(\$2,133.10)</b>		
<b>Breakeven Price to Cover Variable Costs</b>			\$53.05	Roll			
FIXED COSTS			Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation							Total
Pickup/General Use Equipment	1	Acre	\$3.21	\$3.21	\$321.30		
Tractors/Self-Propelled	1	Acre	\$5.20	\$5.20	\$519.92		
Implements	1	Acre	\$2.15	\$2.15	\$215.21		
Equipment Investment							
Pickup/General Use Equipment	\$38.25	Dollars	5.25%	\$2.01	\$200.81		
Tractors/Self-Propelled	\$58.70	Dollars	5.25%	\$3.08	\$308.18		
Implements	\$16.74	Dollars	5.25%	\$0.88	\$87.88		
<b>Total Fixed Costs</b>				<b>\$16.53</b>	<b>\$1,653.30</b>		
<b>Total Specified Costs</b>				<b>\$387.86</b>	<b>\$38,786.40</b>		
<b>Returns Above Specified Costs</b>				<b>(\$37.86)</b>	<b>(\$3,786.40)</b>		
<b>Breakeven Price to Cover Total Costs</b>			\$55.41	Roll			

Example Breakeven Prices						
Example Yield Percent	Example Yield Roll	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	5.25	\$70.73	\$70.73	\$73.88	\$73.88	\$0.00
90%	6.30	\$58.94	\$58.94	\$61.57	\$61.57	\$0.00
100%	7.00	\$53.05	\$53.05	\$55.41	\$55.41	\$0.00
110%	7.70	\$48.22	\$48.22	\$50.37	\$50.37	\$0.00
125%	8.75	\$42.44	\$42.44	\$44.33	\$44.33	\$0.00

Developed by Extension Economists, Texas A&M AgriLife Extension Service.

**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.**