

**Projections for Planning Purposes Only -- Not to be Used without Updating**

**2013 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
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
<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>
Fertilizer						
18-46-0	100	Pounds	\$0.36	\$36.00		\$3,600.00
34-0-0	750	Pounds	\$0.35	\$262.50		\$26,250.00
Herbicide						
Per-emerge Bermuda	1	Acre	\$3.00	\$3.00		\$300.00
Custom						
Custom Bailing	150.00	Bale	\$1.50	\$225.00		\$22,500.00
Custom Hay Hauling	150.00	Bale	\$1.25	\$187.50		\$18,750.00
Diesel Fuel						
Tractors	0.72	Gallons	\$3.50	\$2.52		\$252.38
Repairs & Maintenance						
Implements	1	Acre	\$1.44	\$1.44		\$143.90
Tractors	1	Acre	\$1.15	\$1.15		\$115.23
Operator Labor						
Tractors	0.17	Hours	\$10.00	\$1.67		\$167.27
Interest on Credit Line			4.75%	\$9.68		\$968.03
<b>Total Variable Costs</b>				<b>\$730.47</b>		<b>\$73,046.80</b>
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$4.87	Bale		\$319.53
						\$31,953.20
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Machinery						
Implements	1	Acre	\$2.12	\$2.12		\$211.76
Tractors	1	Acre	\$1.69	\$1.69		\$168.86
Land Rent	1	Acre	\$12.00	\$12.00		\$1,200.00
<b>Total Fixed Costs</b>				<b>\$15.81</b>		<b>\$1,580.62</b>
<b>Total Specified Costs</b>				<b>\$746.27</b>		<b>\$74,627.42</b>
Returns Above Specified Costs				\$303.73		\$30,372.58
<b>Breakeven Price to Cover Total Costs</b>			<b>\$4.98</b>	Bale		

**Breakeven Prices**

Yield Percent	Yield Bale	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	112.50	\$5.58	\$5.58	\$5.72	\$5.72	\$0.00
90%	135.00	\$5.11	\$5.11	\$5.22	\$5.22	\$0.00
100%	150.00	\$4.87	\$4.87	\$4.98	\$4.98	\$0.00
110%	165.00	\$4.68	\$4.68	\$4.77	\$4.77	\$0.00
125%	187.50	\$4.45	\$4.45	\$4.53	\$4.53	\$0.00

Developed by Blake Bennet, Assistant Professor and Extension Economist, 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.**