

Projections for Planning Purposes Only -- Not to be Used without Updating**2013 Estimated Costs and Returns per Acre
Irrigated Bermudagrass Hay - 100 Acres
Southwest Extension District - 10**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
850 lbs. Round Bales	16.00	Bale	\$45.00	\$720.00	\$720.00	\$72,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenue				\$720.00	\$720.00	\$72,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Crop Insurance						
Rainfall Insurance	1	Acre	\$32.00	\$32.00	\$32.00	\$3,200.00
Fertilizer						
KMag	200	Pounds	\$0.25	\$50.00	\$50.00	\$5,000.00
32-0-0	1050	Pounds	\$0.20	\$210.00	\$210.00	\$21,000.00
11-37-0	300	Pounds	\$0.25	\$73.88	\$73.88	\$7,387.50
Micronutrients	18	Gallons	\$8.50	\$153.00	\$153.00	\$15,300.00
Miscellaneous Administrative Overhead						
Misc. Overhead	1	Acre	\$1.00	\$1.00	\$1.00	\$100.00
Herbicide						
Herbicide-Banvell/24D	1	Pint	\$4.00	\$4.00	\$4.00	\$400.00
Custom						
Custom Fertilizer Spreader	4	Acre	\$4.50	\$18.00	\$18.00	\$1,800.00
Bacterial Application	1	Acre	\$4.00	\$4.00	\$4.00	\$400.00
Irrigation						
Irrigation Costs	12	Acre-Inch	\$7.00	\$84.00	\$84.00	\$8,400.00
Other Labor						
Labor	12	Hour	\$0.00	\$0.00	\$0.00	\$0.00
Operator Labor						
Tractors	1.6	Hour	\$0.00	\$0.00	\$0.00	\$0.00
Irrigation Labor						
Labor	0.6	Hour	\$0.00	\$0.00	\$0.00	\$0.00
Diesel Fuel						
Tractors	8.424	Gallon	\$3.30	\$27.80	\$27.80	\$2,779.92
Gasoline						
Pickup	0.91	Gallon	\$3.20	\$2.91	\$2.91	\$291.20
Repairs & Maintenance						
Tractors	1	Acre	\$17.01	\$17.01	\$17.01	\$1,700.62
Implements	1	Acre	\$11.31	\$11.31	\$11.31	\$1,131.35
Pickup	1	Acre	\$1.00	\$1.00	\$1.00	\$100.33
Irrigation	1	Acre	\$2.00	\$2.00	\$2.00	\$200.00
Interest on Credit Line			6.50%	\$19.44	\$19.44	\$1,944.15
Total Variable Costs				\$711.35	\$711.35	\$71,135.07
Planned Returns Above Variable Costs:				\$8.65	\$8.65	\$864.93
Breakeven Price to Cover Variable Costs			\$44.46	Bale		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery						
Tractors	1	Acre	\$28.13	\$28.13	\$28.13	\$2,812.57
Implements	1	Acre	\$16.38	\$16.38	\$16.38	\$1,638.24
Pickup	1	Acre	\$3.62	\$3.62	\$3.62	\$361.67
Irrigation	1	Acre	\$4.50	\$4.50	\$4.50	\$450.00
Land Rent	1	Acre	\$100.00	\$100.00	\$100.00	\$10,000.00
Total Fixed Costs				\$152.62	\$152.62	\$15,262.48
Total Specified Costs				\$863.98	\$863.98	\$86,397.55
Returns Above Specified Costs				(\$143.98)	(\$143.98)	(\$14,397.55)
Breakeven Price to Cover Total Costs			\$54.00	Bale		

Breakeven Prices

Yield Percent	Yield Bale	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	12.00	\$59.28	\$59.28	\$72.00	\$72.00	\$0.00
90%	14.40	\$49.40	\$49.40	\$60.00	\$60.00	\$0.00
100%	16.00	\$44.46	\$44.46	\$54.00	\$54.00	\$0.00
110%	17.60	\$40.42	\$40.42	\$49.09	\$49.09	\$0.00
125%	20.00	\$35.57	\$35.57	\$43.20	\$43.20	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.