

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

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
850 lbs. Round Bales	3.50	Bale	\$45.00	\$157.50	\$15,750.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Total Revenue				\$157.50	\$15,750.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Crop Insurance					
Rainfall Insurance	1	Acre	\$32.00	\$32.00	\$3,200.00
Fertilizer					
11-37-0	200	Pounds	\$0.25	\$49.25	\$4,925.00
32-0-0	125	Pounds	\$0.20	\$25.00	\$2,500.00
Miscellaneous Administrative Overhead					
Misc. Overhead	1	Acre	\$1.00	\$1.00	\$100.00
Herbicide					
Herbicide-Banvell/24D	1	Pint	\$4.00	\$4.00	\$400.00
Custom					
Custom Fertilizer Spreader	2	Acre	\$4.50	\$9.00	\$900.00
Sprigs and Sprigging	1	Acre	\$110.00	\$110.00	\$11,000.00
Irrigation					
Irrigation Costs	10	Acre-Inch	\$7.00	\$70.00	\$7,000.00
Operator Labor					
Tractors	0.995	Hour	\$0.00	\$0.00	\$0.00
Irrigation Labor					
Labor	0.5	Hour	\$0.00	\$0.00	\$0.00
Diesel Fuel					
Tractors	5.8347	Gallon	\$3.30	\$19.25	\$1,925.45
Gasoline					
Pickup	1.82	Gallon	\$3.20	\$5.82	\$582.40
Repairs & Maintenance					
Tractors	1	Acre	\$10.83	\$10.83	\$1,083.34
Implements	1	Acre	\$4.88	\$4.88	\$488.32
Pickup	1	Acre	\$2.01	\$2.01	\$200.67
Irrigation	1	Acre	\$2.00	\$2.00	\$200.00
Interest on Credit Line			6.50%	\$14.02	\$1,401.82
Total Variable Costs				\$359.07	\$35,906.99
Planned Returns Above Variable Costs:				(\$201.57)	(\$20,156.99)
Breakeven Price to Cover Variable Costs			\$102.59	Bale	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery					
Tractors	1	Acre	\$18.96	\$18.96	\$1,896.17
Implements	1	Acre	\$8.04	\$8.04	\$804.31
Pickup	1	Acre	\$7.23	\$7.23	\$723.33
Irrigation	1	Acre	\$4.50	\$4.50	\$450.00
Land Rent	1	Acre	\$100.00	\$100.00	\$10,000.00
Total Fixed Costs				\$138.74	\$13,873.82
Total Specified Costs				\$497.81	\$49,780.81
Returns Above Specified Costs				(\$340.31)	(\$34,030.81)
Breakeven Price to Cover Total Costs			\$142.23	Bale	

Breakeven Prices						
Yield	Yield	Variable Costs		Total Costs		
Percent	Bale	Full	Tenant	Full	Tenant	Landlord
75%	2.63	\$136.79	\$136.79	\$189.64	\$189.64	\$0.00
90%	3.15	\$113.99	\$113.99	\$158.03	\$158.03	\$0.00
100%	3.50	\$102.59	\$102.59	\$142.23	\$142.23	\$0.00
110%	3.85	\$93.26	\$93.26	\$129.30	\$129.30	\$0.00
125%	4.38	\$82.07	\$82.07	\$113.78	\$113.78	\$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.