

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Irrigated Coastal Bermudagrass Establishment
Southwest Extension District - 10

Crop Acres		100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Total Revenue				\$0.00		\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Production Costs						
Fertilizer						
Fertilizer 22-6-17	353	Pound	\$0.20	\$70.60		\$7,060.00
Custom						
Custom Sprigging	1	Acre	\$100.00	\$100.00		\$10,000.00
Herbicide						
Prowl H2O	4	Pint	\$5.63	\$22.52		\$2,252.00
Seed						
Coastal Bermudagrass Sprigs	30	Bushel	\$0.75	\$22.50		\$2,250.00
Irrigation						
Energy Cost	585.00	kWh	\$0.17	\$99.45		\$9,945.00
Machinery Labor						
Tractors/Self-Propelled	0.39	Hour	\$12.00	\$4.68		\$468.00
Diesel Fuel						
Tractors/Self-Propelled	2.88	Gallon	\$2.14	\$6.16		\$616.32
Gasoline						
Pickup/General Use Equipment	1	Acre	\$23.62	\$23.62		\$2,362.12
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$13.44	\$13.44		\$1,344.00
Irrigation Equipment	1	Acre	\$6.08	\$6.08		\$608.40
Tractors/Self-Propelled	1	Acre	\$6.14	\$6.14		\$613.63
Implements	1	Acre	\$6.05	\$6.05		\$604.77
Interest on Credit Line			6.50%	\$13.96		\$1,396.19
Total Variable Costs				\$395.20		\$39,520.42
Planned Returns Above Variable Costs:				(\$395.20)		(\$39,520.42)
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$25.74	\$25.74		\$2,574.00
Irrigation Equipment	1	Acre	\$48.53	\$48.53		\$4,853.31
Tractors/Self-Propelled	1	Acre	\$7.25	\$7.25		\$724.93
Implements	1	Acre	\$7.27	\$7.27		\$726.99
Equipment Investment						
Pickup/General Use Equipment	\$107.25	Dollars	6.50%	\$6.97		\$697.13
Irrigation Equipment	\$364.00	Dollars	6.50%	\$23.66		\$2,365.99
Tractors/Self-Propelled	\$56.03	Dollars	6.50%	\$3.64		\$364.20
Implements	\$32.98	Dollars	6.50%	\$2.14		\$214.37
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00		\$5,000.00
Total Fixed Costs				\$175.21		\$17,520.91
Total Specified Costs				\$570.41		\$57,041.33
Returns Above Specified Costs				(\$570.41)		(\$57,041.33)
Breakeven Price to Cover Total Costs			n/a			

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.