

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Alamo Switchgrass Establishment, Pivot Irrigated - 122 Acres
Far West Extension District - 6

Crop Acres		122				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Total Revenue					\$0.00	\$0.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Production Costs						Total
Seed						
	Switchgrass Seed	3	Pound	\$16.50	\$49.50	\$6,039.00
Fertilizer						
	N-32 in Water	20	Pound	\$0.17	\$3.40	\$414.80
Herbicide						
	Glyphosate	8	Pint	\$2.25	\$18.00	\$2,196.00
Irrigation						
	Energy or Water Cost	3.04	Mcf	\$4.25	\$12.93	\$1,577.95
	Irrigation Labor	0.02	Hour	\$11.00	\$0.19	\$23.49
Machinery Labor						
	Tractors/Self-Propelled	0.85	Hour	\$12.00	\$10.20	\$1,244.40
Diesel Fuel						
	Tractors/Self-Propelled	4.58	Gallon	\$2.85	\$13.05	\$1,592.47
Repairs & Maintenance						
	Irrigation Equipment	1	Acre	\$8.02	\$8.02	\$978.44
	Tractors/Self-Propelled	1	Acre	\$1.54	\$1.54	\$187.93
	Implements	1	Acre	\$2.83	\$2.83	\$345.81
Interest on Credit Line				6.50%	\$2.18	\$266.13
Total Variable Costs					\$121.86	\$14,866.42
Planned Returns Above Variable Costs:					(\$121.86)	(\$14,866.42)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						Total
	Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$5,933.75
	Tractors/Self-Propelled	1	Acre	\$6.39	\$6.39	\$779.10
	Implements	1	Acre	\$4.11	\$4.11	\$501.33
Equipment Investment						
	Irrigation Equipment	\$729.56	Dollars	6.50%	\$47.42	\$5,785.40
	Tractors/Self-Propelled	\$82.16	Dollars	6.50%	\$5.34	\$651.51
	Implements	\$58.71	Dollars	6.50%	\$3.82	\$465.54
Total Fixed Costs					\$115.71	\$14,116.63
Total Specified Costs					\$237.57	\$28,983.04
Returns Above Specified Costs					(\$237.57)	(\$28,983.04)
Breakeven Price to Cover Total Costs				n/a		

Example Breakeven Prices						
Example Yield Percent	Example Yield	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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

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.