

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Alamo Switchgrass Establishment, Pivot Irrigated
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 Total
Production Costs					
Fertilizer					
N-32 in Water	20	Pound	\$0.41	\$8.20	\$1,000.40
Herbicide					
Glyphosate	8	Pint	\$2.12	\$16.96	\$2,069.12
Seed					
Switchgrass Seed	3	Pound	\$16.50	\$49.50	\$6,039.00
Irrigation					
Energy Cost	3.04	Mcf	\$5.61	\$17.05	\$2,080.64
Irrigation Labor	0.02	Hour	\$15.00	\$0.26	\$32.21
Machinery Labor					
Tractors/Self-Propelled	1.28	Hour	\$15.00	\$19.20	\$2,342.40
Diesel Fuel					
Tractors/Self-Propelled	6.86	Gallon	\$2.60	\$17.84	\$2,175.99
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$8.01	\$8.01	\$977.38
Tractors/Self-Propelled	1	Acre	\$16.08	\$16.08	\$1,961.47
Implements	1	Acre	\$16.29	\$16.29	\$1,987.28
Interest on Credit Line			6.00%	\$3.67	\$448.08
Total Variable Costs				\$173.07	\$21,113.96
Planned Returns Above Variable Costs:				(\$173.07)	(\$21,113.96)
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$5,933.75
Tractors/Self-Propelled	1	Acre	\$16.43	\$16.43	\$2,005.03
Implements	1	Acre	\$20.42	\$20.42	\$2,491.64
Equipment Investment					
Irrigation Equipment	\$364.78	Dollars	6.00%	\$21.89	\$2,670.19
Tractors/Self-Propelled	\$128.03	Dollars	6.00%	\$7.68	\$937.19
Implements	\$87.37	Dollars	6.00%	\$5.24	\$639.52
Total Fixed Costs				\$120.31	\$14,677.32
Total Specified Costs				\$293.37	\$35,791.28
Returns Above Specified Costs				(\$293.37)	(\$35,791.28)
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 Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.