

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2024 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	
Production Costs						
Fertilizer						
N-32 in Water	20	Pound	\$0.53	\$10.60	\$1,293.20	
Herbicide						
Glyphosate	8	Pint	\$2.13	\$17.00	\$2,074.00	
Seed						
Switchgrass Seed	3	Pound	\$18.00	\$54.00	\$6,588.00	
Irrigation						
Energy Cost	3.04	Mcf	\$4.70	\$14.29	\$1,743.14	
Irrigation Labor	0.02	Hour	\$17.50	\$0.31	\$37.58	
Machinery Labor						
Tractors/Self-Propelled	1.28	Hour	\$17.21	\$22.03	\$2,687.51	
Diesel Fuel						
Tractors/Self-Propelled	6.86	Gallon	\$3.60	\$24.70	\$3,012.91	
Repairs & Maintenance						
Irrigation Equipment	1	Acre	\$8.01	\$8.01	\$977.38	
Tractors/Self-Propelled	1	Acre	\$16.71	\$16.71	\$2,038.72	
Implements	1	Acre	\$15.81	\$15.81	\$1,929.11	
Interest on Credit Line			8.00%	\$5.29	\$645.61	
Total Variable Costs				\$188.75	\$23,027.16	
Planned Returns Above Variable Costs:				(\$188.75)	(\$23,027.16)	
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$5,933.75	
Tractors/Self-Propelled	1	Acre	\$17.08	\$17.08	\$2,083.90	
Implements	1	Acre	\$19.80	\$19.80	\$2,415.28	
Equipment Investment						
Irrigation Equipment	\$364.78	Dollars	8.00%	\$29.18	\$3,560.25	
Tractors/Self-Propelled	\$133.07	Dollars	8.00%	\$10.65	\$1,298.74	
Implements	\$84.69	Dollars	8.00%	\$6.78	\$826.56	
Total Fixed Costs				\$132.12	\$16,118.48	
Total Specified Costs				\$320.87	\$39,145.65	
Returns Above Specified Costs				(\$320.87)	(\$39,145.65)	
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 Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.