

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2023 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	Enterprise
Total Revenue				\$0.00		\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
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	\$2.24	\$15.37		\$1,874.70
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%	\$5.02		\$612.62
Total Variable Costs				\$179.15		\$21,855.95
Planned Returns Above Variable Costs:				(\$179.15)		(\$21,855.95)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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				\$311.27		\$37,974.44
Returns Above Specified Costs				(\$311.27)		(\$37,974.44)
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

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**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.**