

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2025 Estimated Costs and Returns per Acre**  
**Alamo Switchgrass, Full Season, Pivot Irrigated, Grazed**  
**Far West Extension District - 6**

Crop Acres	122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
AUM Grazing Lease	6.30	AUM	\$15.50	\$97.65	\$11,913.30
Total Revenue				\$97.65	\$11,913.30
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					Enterprise
Fertilizer					Total
N-32 in Water	20	Pound	\$0.53	\$10.60	\$1,293.20
Urea, Solid (46% N)	0.45	CWT	\$31.15	\$14.02	\$1,710.14
Herbicide					
2,4-D Amine 4	40	Ounce	\$0.10	\$4.03	\$491.81
Other Labor					
Hand Labor	0.14	Hour	\$8.50	\$1.19	\$145.18
Irrigation					
Energy Cost	4.56	Mcf	\$10.00	\$45.60	\$5,563.20
Irrigation Labor	0.03	Hour	\$17.50	\$0.46	\$56.36
Machinery Labor					
Tractors/Self-Propelled	0.3	Hour	\$17.21	\$5.16	\$629.89
Diesel Fuel					
Tractors/Self-Propelled	1.14	Gallon	\$2.80	\$3.19	\$389.42
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$12.02	\$12.02	\$1,466.07
Tractors/Self-Propelled	1	Acre	\$1.76	\$1.76	\$214.99
Implements	1	Acre	\$0.34	\$0.34	\$41.42
Interest on Credit Line			8.00%	\$3.01	\$366.86
Total Variable Costs				\$101.38	\$12,368.54
Planned Returns Above Variable Costs:				(\$3.73)	(\$455.24)
Breakeven Price to Cover Variable Costs			\$16.09	AUM	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$5,933.75
Tractors/Self-Propelled	1	Acre	\$1.72	\$1.72	\$209.44
Implements	1	Acre	\$0.40	\$0.40	\$49.28
Equipment Investment					
Irrigation Equipment	\$364.78	Dollars	8.00%	\$29.18	\$3,560.25
Tractors/Self-Propelled	\$13.37	Dollars	8.00%	\$1.07	\$130.53
Implements	\$4.82	Dollars	8.00%	\$0.39	\$47.05
Allocated Establishment Cost	1	Acre	\$47.71	\$47.71	\$5,820.01
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$179.10	\$21,850.30
Total Specified Costs				\$280.48	\$34,218.84
Returns Above Specified Costs				(\$182.83)	(\$22,305.54)
Breakeven Price to Cover Total Costs			\$44.52	AUM	

Example Breakeven Prices			
Example Yield Percent	Example Yield AUM	To Cover Variable Costs	To Cover Total Costs
75%	4.73	\$21.46	\$59.36
90%	5.67	\$17.88	\$49.47
100%	6.30	\$16.09	\$44.52
110%	6.93	\$14.63	\$40.47
125%	7.88	\$12.87	\$35.62

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.**