

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

Crop Acres	122				Enterprise
<b>REVENUE</b>	<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Total</b>
Switchgrass	3.17	Ton	\$145.00	\$459.65	\$56,077.30
Total Revenue				\$459.65	\$56,077.30
<b>VARIABLE COSTS</b>	<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Enterprise Total</b>
Production Costs					
Fertilizer					
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	2.89	Hour	\$17.21	\$49.74	\$6,067.90
Diesel Fuel					
Tractors/Self-Propelled	16.78	Gallon	\$2.80	\$46.98	\$5,732.05
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$12.02	\$12.02	\$1,466.07
Tractors/Self-Propelled	1	Acre	\$21.51	\$21.51	\$2,624.50
Implements	1	Acre	\$1.97	\$1.97	\$239.99
Interest on Credit Line			8.00%	\$5.78	\$705.52
Total Variable Costs				\$213.90	\$26,095.92
Planned Returns Above Variable Costs:				\$245.75	\$29,981.38
Breakeven Price to Cover Variable Costs			\$67.48	Ton	
<b>FIXED COSTS</b>	<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Enterprise Total</b>
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$5,933.75
Tractors/Self-Propelled	1	Acre	\$28.01	\$28.01	\$3,416.76
Implements	1	Acre	\$4.35	\$4.35	\$530.96
Equipment Investment					
Irrigation Equipment	\$364.78	Dollars	8.00%	\$29.18	\$3,560.25
Tractors/Self-Propelled	\$204.28	Dollars	8.00%	\$16.34	\$1,993.76
Implements	\$34.58	Dollars	8.00%	\$2.77	\$337.46
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				\$226.99	\$27,692.95
Total Specified Costs				\$440.89	\$53,788.87
Returns Above Specified Costs				\$18.76	\$2,288.43
Breakeven Price to Cover Total Costs			\$139.08	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	2.38	\$89.97	\$185.44
90%	2.85	\$74.97	\$154.54
100%	3.17	\$67.48	\$139.08
110%	3.49	\$61.34	\$126.44
125%	3.96	\$53.98	\$111.27

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.**