

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
Alamo Switchgrass Establishment, Pivot Irrigated
Far West Extension District - 6

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
N-32 in Water	20	Pound	\$0.55	\$11.00	\$1,342.00
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	\$3.91	\$11.89	\$1,450.14
Irrigation Labor	0.02	Hour	\$16.38	\$0.29	\$35.17
Machinery Labor					
Tractors/Self-Propelled	0.59	Hour	\$16.12	\$9.51	\$1,160.32
Diesel Fuel					
Tractors/Self-Propelled	3.48	Gallon	\$2.67	\$9.29	\$1,133.58
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$8.01	\$8.01	\$977.38
Tractors/Self-Propelled	1	Acre	\$8.88	\$8.88	\$1,083.81
Implements	1	Acre	\$8.19	\$8.19	\$998.59
Interest on Credit Line			6.30%	\$3.04	\$370.94
Total Variable Costs				\$141.10	\$17,213.92
Planned Returns Above Variable Costs:				(\$141.10)	(\$17,213.92)
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	\$9.10	\$9.10	\$1,109.87
Implements	1	Acre	\$10.13	\$10.13	\$1,236.46
Equipment Investment					
Irrigation Equipment	\$364.78	Dollars	6.30%	\$22.98	\$2,803.69
Tractors/Self-Propelled	\$70.87	Dollars	6.30%	\$4.46	\$544.71
Implements	\$43.35	Dollars	6.30%	\$2.73	\$333.23
Total Fixed Costs				\$98.05	\$11,961.70
Total Specified Costs				\$239.14	\$29,175.62
Returns Above Specified Costs				(\$239.14)	(\$29,175.62)
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.