

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Alamo Switchgrass Establishment, Pivot Irrigated
Far West Extension District - 6

Crop Acres	Your Acres		Units	\$/Unit	Your \$/Unit	Total	Your Total	Enterprise Total
	122	Your						
REVENUE	Quantity	Quantity						
Total Revenue						\$0.00		\$0.00
VARIABLE COSTS	Quantity	Quantity	Units	\$/Unit	\$/Unit	Total	Total	Enterprise Total
Production Costs								
Fertilizer								
N-32 in Water	20		Pound	\$0.39		\$7.80		\$951.60
Herbicide								
Glyphosate	8		Pint	\$2.25		\$18.00		\$2,196.00
Seed								
Switchgrass Seed	3		Pound	\$16.50		\$49.50		\$6,039.00
Irrigation								
Energy Cost	3.04		Mcf	\$4.00		\$12.16		\$1,483.52
Irrigation Labor	0.02		Hour	\$11.00		\$0.19		\$23.62
Machinery Labor								
Tractors/Self-Propelled	1.28		Hour	\$12.00		\$15.36		\$1,873.92
Diesel Fuel								
Tractors/Self-Propelled	6.86		Gallon	\$2.14		\$14.68		\$1,791.01
Repairs & Maintenance								
Irrigation Equipment	1		Acre	\$8.01		\$8.01		\$977.38
Tractors/Self-Propelled	1		Acre	\$14.96		\$14.96		\$1,824.75
Implements	1		Acre	\$14.95		\$14.95		\$1,824.23
Interest on Credit Line				6.50%		\$3.69		\$449.95
Total Variable Costs						\$159.30		\$19,434.97
Planned Returns Above Variable Costs:								
Breakeven Price to Cover Variable Costs				n/a	n/a	(\$159.30)		(\$19,434.97)
FIXED COSTS	Quantity	Quantity	Units	\$/Unit	\$/Unit	Total	Total	Enterprise Total
Machinery Depreciation								
Irrigation Equipment	1		Acre	\$48.64		\$48.64		\$5,933.75
Tractors/Self-Propelled	1		Acre	\$15.27		\$15.27		\$1,862.85
Implements	1		Acre	\$18.77		\$18.77		\$2,289.99
Equipment Investment								
Irrigation Equipment	\$364.78		Dollars	6.50%		\$23.71		\$2,892.70
Tractors/Self-Propelled	\$118.95		Dollars	6.50%		\$7.73		\$943.29
Implements	\$80.30		Dollars	6.50%		\$5.22		\$636.75
Total Fixed Costs						\$119.34		\$14,559.33
Total Specified Costs						\$278.64		\$33,994.30
Returns Above Specified Costs						(\$278.64)		(\$33,994.30)
Breakeven Price to Cover Total Costs				n/a	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

Your Breakeven Prices			
Your Yield Percent	Your 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 Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Bran mentioned only as examples and imply no endorsement.