

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2024 Estimated Costs and Returns per Acre
St. Lawrence Early Planted Grain Sorghum, Drip Irrigated, 40 Inch Rows
Far West Extension District - 6

Crop Acres		40.6				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Grain Sorghum	47.60	CWT	\$8.93	\$425.07	\$17,257.76	
Total Revenue				\$425.07	\$17,257.76	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Herbicide						
Atrazine	0.5	Quart	\$3.43	\$1.72	\$69.63	
Husky	16	Ounce	\$0.88	\$14.12	\$573.47	
Seed						
Grain Sorghum Seed - Treated	8	pound	\$3.98	\$31.84	\$1,292.70	
Fertilizer						
Potash 0-0-60	60	Pound	\$0.42	\$25.20	\$1,023.12	
N-32	83.2	Pound	\$0.53	\$44.10	\$1,790.30	
Custom						
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$20.30	
Haul Grain	85	Bushel	\$0.27	\$22.95	\$931.77	
Miscellaneous						
IRR. G.S. RP 65%, ent, Glasscock co.	1	Acre	\$10.38	\$10.38	\$421.43	
Irrigation						
Energy Cost	8.00	AcreInch	\$12.58	\$100.61	\$4,084.86	
Irrigation Labor	3.04	Hour	\$17.50	\$53.19	\$2,159.49	
Machinery Labor						
Tractors/Self-Propelled	0.69	Hour	\$17.21	\$11.87	\$482.12	
Other Labor	0.02	Hour	\$17.21	\$0.34	\$13.97	
Diesel Fuel						
Tractors/Self-Propelled	6.76	Gallon	\$3.60	\$24.34	\$988.04	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$8.15	\$8.15	\$330.75	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.67	\$1.67	\$67.73	
Irrigation Equipment	1	Acre	\$3.52	\$3.52	\$142.91	
Tractors/Self-Propelled	1	Acre	\$26.74	\$26.74	\$1,085.49	
Implements	1	Acre	\$12.57	\$12.57	\$510.22	
Interest on Credit Line			8.00%	\$16.56	\$672.44	
Total Variable Costs				\$410.36	\$16,660.75	
Planned Returns Above Variable Costs:				\$14.70	\$597.01	
Breakeven Price to Cover Variable Costs			\$8.62	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$3.49	\$3.49	\$141.75	
Irrigation Equipment	1	Acre	\$95.12	\$95.12	\$3,861.72	
Tractors/Self-Propelled	1	Acre	\$26.55	\$26.55	\$1,077.77	
Implements	1	Acre	\$16.04	\$16.04	\$651.36	
Equipment Investment						
Pickup/General Use Equipment	\$21.34	Dollars	8.00%	\$1.71	\$69.30	
Irrigation Equipment	\$970.38	Dollars	8.00%	\$77.63	\$3,151.79	
Tractors/Self-Propelled	\$202.00	Dollars	8.00%	\$16.16	\$656.10	
Implements	\$77.76	Dollars	8.00%	\$6.22	\$252.58	
Lease value - Drip	1	Acre	\$50.00	\$50.00	\$2,030.00	
Total Fixed Costs				\$292.92	\$11,892.37	
Total Specified Costs				\$703.28	\$28,553.12	
Returns Above Specified Costs				(\$278.21)	(\$11,295.36)	
Breakeven Price to Cover Total Costs			\$14.77	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	35.70	\$11.49	\$19.70
90%	42.84	\$9.58	\$16.42
100%	47.60	\$8.62	\$14.77
110%	52.36	\$7.84	\$13.43
125%	59.50	\$6.90	\$11.82

Developed by Extension Economists, Texas A&M AgriLife Extension Service, 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.