

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 Estimated Costs and Returns per Acre
Irrigated Sorghum
Southwest Extension District - 10

Crop Acres		122				
					Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total
Sorghum		65.00	CWT	\$8.00	\$520.00	\$63,440.00
Total Revenue					\$520.00	\$63,440.00
					Enterprise	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Total
Production Costs						
Seed						
	Sorghum Concept Seed	8	Pound	\$3.90	\$31.20	\$3,806.40
Fertilizer						
	UAN(32% N)	1.77	CWT	\$17.08	\$30.23	\$3,688.26
	Fertilizer 18-46-0	130	Pound	\$0.35	\$45.50	\$5,551.00
Custom						
	Haul Sorghum	65	CWT	\$0.18	\$11.70	\$1,427.40
Herbicide						
	Atrazine 4L	4	Pint	\$1.75	\$7.00	\$854.00
	Prowl H2O	2.5	Pint	\$6.09	\$15.23	\$1,858.59
Insecticide						
	Lorsban 4E	1	Pint	\$4.52	\$4.52	\$551.32
	Dimethoate 4E	1	Pint	\$5.69	\$5.69	\$693.88
Miscellaneous						
	Crop Insurance - Grain Sorghum I	1	Acre	\$17.00	\$17.00	\$2,074.00
	Miscellaneous Sorghum Overhea	1	Acre	\$4.00	\$4.00	\$488.00
Irrigation						
	Energy Cost	561.00	kWh	\$0.17	\$95.37	\$11,635.14
	Irrigation Labor	0.07	Hour	\$17.50	\$1.19	\$145.18
Machinery Labor						
	Tractors/Self-Propelled	0.77	Hour	\$17.21	\$13.25	\$1,616.71
	Other Labor	0.16	Hour	\$17.21	\$2.75	\$335.94
Diesel Fuel						
	Tractors/Self-Propelled	5.98	Gallon	\$3.00	\$17.94	\$2,188.68
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$26.61	\$26.61	\$3,246.77
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37
	Irrigation Equipment	1	Acre	\$5.29	\$5.29	\$645.13
	Tractors/Self-Propelled	1	Acre	\$20.55	\$20.55	\$2,506.54
	Implements	1	Acre	\$10.66	\$10.66	\$1,300.60
	Interest on Credit Line			8.60%	\$16.90	\$2,062.04
Total Variable Costs					\$387.43	\$47,265.94
Planned Returns Above Variable Costs:					\$132.57	\$16,174.06
Breakeven Price to Cover Variable Costs				\$5.96	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
	Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25
	Tractors/Self-Propelled	1	Acre	\$21.45	\$21.45	\$2,616.96
	Implements	1	Acre	\$13.15	\$13.15	\$1,604.53
Equipment Investment						
	Pickup/General Use Equipment	\$105.02	Dollars	8.60%	\$9.03	\$1,101.82
	Irrigation Equipment	\$646.00	Dollars	8.60%	\$55.56	\$6,777.88
	Tractors/Self-Propelled	\$164.00	Dollars	8.60%	\$14.10	\$1,720.64
	Implements	\$60.84	Dollars	8.60%	\$5.23	\$638.30
	Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$274.31	\$33,466.22
Total Specified Costs					\$661.74	\$80,732.16
Returns Above Specified Costs					(\$141.74)	(\$17,292.16)
Breakeven Price to Cover Total Costs				\$10.18	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	48.75	\$7.95	\$13.57
90%	58.50	\$6.62	\$11.31
100%	65.00	\$5.96	\$10.18
110%	71.50	\$5.42	\$9.26
125%	81.25	\$4.77	\$8.14

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.