2021 Estimated Costs and Returns per Acre
Irrigated Sorghum
Southwest Extension District - 10

Crop Acres	122				
REVENUE	Quantity	Units	$/Unit	Total	Enterprise Total
Sorghum	65.00	CWT	$5.89	$382.85	$46,707.70
Total Revenue				$382.85	$46,707.70
VARIABLE COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Sorghum Concept Seed	8	Pound	$3.90	$31.20	$3,806.40
Fertilizer					
UAN(32% N)	1.77	CWT	$12.20	$21.59	$2,634.47
Fertilizer 18-46-0	130	Pound	$0.25	$31.85	$3,885.70
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 Irri	1	Acre	$17.00	$17.00	$2,074.00
Miscellaneous Sorghum Overhead	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	$11.00	$0.75	$91.26
Machinery Labor					
Tractors/Self-Propelled	1.53	Hour	$12.00	$18.36	$2,239.92
Other Labor	0.5	Hour	$8.50	$4.25	$518.50
Diesel Fuel					
Tractors/Self-Propelled	11.59	Gallon	$2.00	$23.18	$2,827.96
Gasoline					
Pickup/General Use Equipment	1	Acre	$18.39	$18.39	$2,243.22
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	$37.13	$37.13	$4,530.16
Implements	1	Acre	$21.31	$21.31	$2,599.36
Interest on Credit Line			6.50%	$12.74	$1,554.51
Total Variable Costs				$391.39	$47,749.28
Planned Returns Above Variable Costs:				($8.54)	($1,041.58)
Breakeven Price to Cover Variable Costs			$6.02	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	$39.10	$39.10	$4,770.78
Implements	1	Acre	$26.04	$26.04	$3,177.02
Equipment Investment					
Pickup/General Use Equipment	$105.02	Dollars	6.50%	$6.83	$832.77
Irrigation Equipment	$646.00	Dollars	6.50%	$41.99	$5,122.81
Tractors/Self-Propelled	$298.89	Dollars	6.50%	$19.43	$2,370.19
Implements	$136.76	Dollars	6.50%	$8.89	$1,084.52
Irrigated Winter Garden Rent	1	Acre	$50.00	$50.00	$6,100.00
Total Fixed Costs				$298.07	$36,364.20
Total Specified Costs				$689.45	$84,113.48
Returns Above Specified Costs				($306.60)	($37,405.78)
Breakeven Price to Cover Total Costs			$10.61	CWT	

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.