

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Dryland Sorghum
Southwest Extension District - 10

Crop Acres		100				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Sorghum		30.00	CWT	\$5.89	\$176.70	\$17,670.00
Total Revenue					\$176.70	\$17,670.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Herbicide						
	Atrazine 4L	4	Pint	\$1.75	\$7.00	\$700.00
Seed						
	Sorghum Concept Seed	4	Pound	\$3.90	\$15.60	\$1,560.00
Fertilizer						
	UAN(32% N)	0.88	CWT	\$12.95	\$11.40	\$1,139.60
	Fertilizer 18-46-0	65	Pound	\$0.25	\$15.93	\$1,592.50
Custom						
	Haul Sorghum	30	CWT	\$0.18	\$5.40	\$540.00
Miscellaneous						
	Crop Insurance - Grain Sorghum Dry	1	Acre	\$11.00	\$11.00	\$1,100.00
	Miscellaneous Sorghum Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Insecticide						
	Lorsban 4E	1	Pint	\$4.52	\$4.52	\$451.90
	Dimethoate 4E	0.5	Pint	\$5.43	\$2.71	\$271.25
Machinery Labor						
	Tractors/Self-Propelled	1.06	Hour	\$12.00	\$12.72	\$1,272.00
	Other Labor	0.28	Hour	\$8.50	\$2.38	\$238.00
Diesel Fuel						
	Tractors/Self-Propelled	9.66	Gallon	\$2.49	\$24.05	\$2,405.34
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$23.13	\$23.13	\$2,312.56
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84
	Tractors/Self-Propelled	1	Acre	\$31.57	\$31.57	\$3,156.87
	Implements	1	Acre	\$17.26	\$17.26	\$1,725.86
	Interest on Credit Line			6.50%	\$6.43	\$643.14
Total Variable Costs					\$199.93	\$19,992.86
Planned Returns Above Variable Costs:					(\$23.23)	(\$2,322.86)
Breakeven Price to Cover Variable Costs				\$6.66	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$2,520.00
	Tractors/Self-Propelled	1	Acre	\$33.86	\$33.86	\$3,386.17
	Implements	1	Acre	\$20.98	\$20.98	\$2,097.64
Equipment Investment						
	Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50
	Tractors/Self-Propelled	\$258.22	Dollars	6.50%	\$16.78	\$1,678.43
	Implements	\$98.75	Dollars	6.50%	\$6.42	\$641.90
	Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00
Total Fixed Costs					\$130.07	\$13,006.63
Total Specified Costs					\$329.99	\$32,999.49
Returns Above Specified Costs					(\$153.29)	(\$15,329.49)
Breakeven Price to Cover Total Costs				\$11.00	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	22.50	\$8.89	\$14.67
90%	27.00	\$7.40	\$12.22
100%	30.00	\$6.66	\$11.00
110%	33.00	\$6.06	\$10.00
125%	37.50	\$5.33	\$8.80

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. Brand names are mentioned only as examples and imply no endorsement.