

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Dryland Sorghum
Southwest Extension District - 10

Crop Acres		100				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Sorghum		30.00	CWT	\$6.55	\$196.50	\$19,650.00
Total Revenue					\$196.50	\$19,650.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Herbicide						
	Atrazine 4L	4	Pint	\$1.94	\$7.76	\$776.00
Seed						
	Sorghum Concept Seed	4	Pound	\$3.50	\$14.00	\$1,400.00
Fertilizer						
	UAN(32% N)	0.88	CWT	\$13.00	\$11.44	\$1,144.00
	Fertilizer 18-46-0	65	Pound	\$0.29	\$18.85	\$1,885.00
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	\$5.03	\$5.03	\$503.00
	Dimethoate 4E	0.5	Pint	\$5.50	\$2.75	\$275.00
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	\$2.99	\$28.88	\$2,888.34
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$27.96	\$27.96	\$2,796.36
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$483.84
	Tractors/Self-Propelled	1	Acre	\$29.52	\$29.52	\$2,952.43
	Implements	1	Acre	\$16.84	\$16.84	\$1,684.19
	Interest on Credit Line			6.50%	\$6.79	\$678.82
Total Variable Costs					\$210.17	\$21,016.97
Planned Returns Above Variable Costs:					(\$13.67)	(\$1,366.97)
Breakeven Price to Cover Variable Costs				\$7.01	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	\$31.45	\$31.45	\$3,144.55
	Implements	1	Acre	\$20.40	\$20.40	\$2,039.98
Equipment Investment						
	Pickup/General Use Equipment	\$105.00	Dollars	6.50%	\$6.83	\$682.50
	Tractors/Self-Propelled	\$239.75	Dollars	6.50%	\$15.58	\$1,558.40
	Implements	\$96.32	Dollars	6.50%	\$6.26	\$626.07
	Dryland Winter Garden Rent	1	Acre	\$20.00	\$20.00	\$2,000.00
Total Fixed Costs					\$125.71	\$12,571.50
Total Specified Costs					\$335.88	\$33,588.47
Returns Above Specified Costs					(\$139.38)	(\$13,938.47)
Breakeven Price to Cover Total Costs				\$11.20	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	22.50	\$9.34	\$14.93
90%	27.00	\$7.78	\$12.44
100%	30.00	\$7.01	\$11.20
110%	33.00	\$6.37	\$10.18
125%	37.50	\$5.60	\$8.96

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.