

Projections for Planning Purposes Only -- Not to be Used without Updating
2023 Estimated Costs and Returns per Acre
No-Till Dryland Sorghum, Follow Cotton
West Central Extension District - 7

Crop Acres		400			
				Total	Enterprise Total
REVENUE					
Sorghum	Quantity	Units	\$/Unit	Total	Total
	22.00	CWT	\$10.36	\$227.92	\$91,168.00
Total Revenue				\$227.92	\$91,168.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Herbicide					
Husky	14.5	Ounce	\$0.89	\$12.86	\$5,142.97
Glyphosate	32	Ounce	\$0.13	\$4.25	\$1,700.00
Atrazine	1	Quart	\$3.43	\$3.43	\$1,370.00
Fertilizer					
Nitrogen Dry-Urea	30	Pounds	\$0.62	\$18.60	\$7,440.00
Phos (11-52-0 DRY MAT)	20	Pounds	\$1.29	\$25.80	\$10,320.00
Custom					
Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$100.00
Custom Harvest Sorghum	1	Acre	\$34.49	\$34.49	\$13,796.00
Custom Haul Sorghum	39.3	Bushels	\$0.24	\$9.43	\$3,772.80
Insecticide					
Sivanto	5.5	Ounce	\$2.67	\$14.67	\$5,869.53
Miscellaneous					
GS RP 70%, Ent	1	Acre	\$3.75	\$3.75	\$1,500.00
Seed					
Grain Sorghum - Treated	5	Pounds	\$3.98	\$19.90	\$7,960.00
Machinery Labor					
Tractors/Self-Propelled	0.18	Hour	\$17.21	\$3.10	\$1,239.12
Diesel Fuel					
Tractors/Self-Propelled	0.97	Gallon	\$2.24	\$2.17	\$869.12
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.67	\$1.67	\$668.77
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.82	\$0.82	\$328.50
Tractors/Self-Propelled	1	Acre	\$2.17	\$2.17	\$866.98
Implements	1	Acre	\$2.07	\$2.07	\$827.74
Interest on Credit Line			8.00%	\$4.32	\$1,726.50
Total Variable Costs				\$163.75	\$65,498.04
Planned Returns Above Variable Costs:				\$64.17	\$25,669.96
Breakeven Price to Cover Variable Costs				\$7.44	CWT
FIXED COSTS					
				Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$696.60
Tractors/Self-Propelled	1	Acre	\$2.99	\$2.99	\$1,197.42
Implements	1	Acre	\$3.42	\$3.42	\$1,369.31
Equipment Investment					
Pickup/General Use Equipment	\$9.65	Dollars	8.00%	\$0.77	\$308.88
Tractors/Self-Propelled	\$22.89	Dollars	8.00%	\$1.83	\$732.59
Implements	\$14.64	Dollars	8.00%	\$1.17	\$468.61
Management Fee, Owner/Operator Labor	1	Acre	\$10.00	\$10.00	\$4,000.00
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$14,000.00
Total Fixed Costs				\$56.93	\$22,773.40
Total Specified Costs				\$220.68	\$88,271.43
Returns Above Specified Costs				\$7.24	\$2,896.57
Breakeven Price to Cover Total Costs				\$10.03	CWT

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	\$9.92	\$13.37
90%	19.80	\$8.27	\$11.15
100%	22.00	\$7.44	\$10.03
110%	24.20	\$6.77	\$9.12
125%	27.50	\$5.95	\$8.02

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.