

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Dryland Sorghum
South Plains Extension District - 2

Crop Acres		160						
				Total	Enterprise Total			
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Grain Sorghum				18.00	CWT	\$8.60	\$154.80	\$24,768.00
Total Revenue							\$154.80	\$24,768.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs								
Herbicide								
Herbicide and Apply Sorghum Dryla				1	Acre	\$10.50	\$10.50	\$1,680.00
Seed								
Seed - Sorghum				2.25	Pound	\$2.40	\$5.40	\$864.00
Fertilizer								
Fertilizer (N) - Liquid				30	Pound	\$0.61	\$18.33	\$2,932.80
Custom								
Custom Harvest - Sorghum Dryland				1	Acre	\$14.00	\$14.00	\$2,240.00
Custom Haul - Sorghum Dryland				18	CWT	\$0.40	\$7.20	\$1,152.00
Fertilizer Application - Liquid High				1	Acre	\$4.75	\$4.75	\$760.00
Miscellaneous								
Crop Insurance Sorghum - Dryland				1	Acre	\$16.00	\$16.00	\$2,560.00
Insecticide								
Insecticide and Apply Sorghum				1	Acre	\$25.00	\$25.00	\$4,000.00
Machinery Labor								
Tractors/Self-Propelled				0.47	Hour	\$12.00	\$5.64	\$902.40
Other Labor				0.53	Hour	\$12.00	\$6.36	\$1,017.60
Diesel Fuel								
Tractors/Self-Propelled				2.4	Gallon	\$3.00	\$7.20	\$1,151.62
Gasoline								
Pickup/General Use Equipment				1	Acre	\$5.08	\$5.08	\$812.48
Repairs & Maintenance								
Pickup/General Use Equipment				1	Acre	\$0.50	\$0.50	\$80.00
Tractors/Self-Propelled				1	Acre	\$6.00	\$6.00	\$960.00
Implements				1	Acre	\$3.00	\$3.00	\$480.00
Interest on Credit Line						9.00%	\$6.33	\$1,012.92
Total Variable Costs							\$141.29	\$22,605.81
Planned Returns Above Variable Costs:							\$13.51	\$2,162.19
Breakeven Price to Cover Variable Costs						\$7.85 CWT		
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Fixed Costs								
Pickup/General Use Equipment				1	Acre	\$1.25	\$1.25	\$200.00
Tractors/Self-Propelled				1	Acre	\$12.00	\$12.00	\$1,920.00
Implements				1	Acre	\$10.00	\$10.00	\$1,600.00
Management Fee, Owner/Operator Labor				1	Acre	\$25.00	\$25.00	\$4,000.00
Cash Rent - Sorghum				1	Acre	\$50.00	\$50.00	\$8,000.00
Whole Farm Insurance				1	Acre	\$2.00	\$2.00	\$320.00
Total Fixed Costs							\$100.25	\$16,040.00
Total Specified Costs							\$241.54	\$38,645.81
Returns Above Specified Costs							(\$86.74)	(\$13,877.81)
Breakeven Price to Cover Total Costs						\$13.42 CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	13.50	\$10.47	\$17.89
90%	16.20	\$8.72	\$14.91
100%	18.00	\$7.85	\$13.42
110%	19.80	\$7.14	\$12.20
125%	22.50	\$6.28	\$10.73

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

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.