Projections for Planning Purposes Only -- Not to be Used without Updating 2025 Estimated Costs and Returns per Acre Dryland Sorghum Southwest Extension District - 10

Crop Acres 100

Sorghum	5.057,10.00	0 1		****		Enterprise
Name	REVENUE	Quantity	Units	\$/Unit	Total	Total
MARIABLE COSTS		30.00	CVVI	\$8.00	•	\$24,000.00
Production Costs	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Atrazine 4L		,				
Sorghum Concept Seed	Herbicide					
Sorghum Concept Seed		4	Pint	\$1.75	\$7.00	\$700.00
Fertilizer						
UAN(32% N)		4	Pound	\$3.90	\$15.60	\$1,560.00
Fertilizer 18-46-0						
Custom Miscellaneous 30 CWT \$0.18 \$5.40 \$540.00 Miscellaneous Miscellaneous Sorghum Dry Miscellaneous Sorghum Overhead 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 \$5.69 \$2.84 \$284.38 Machinery Labor Tractors/Self-Propelled 0.7 Hour \$17.21 \$12.05 \$1,204.70 Other Labor Other Labor 0.16 Hour \$17.21 \$2.75 \$275.36 Diesel Fuel Tractors/Self-Propelled 5.4 Gallon \$3.00 \$16.20 \$1,620.00 Gasoline Pickup/General Use Equipment 1 Acre \$26.61 \$2,660.90 \$2,660.90 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.84 \$4.84 \$483.84 Tractors/Self-Propelled 1 Acre \$18.94 \$18.94 \$1,939.67 Implements 1 Acre \$10.12 \$10.12 \$1,011.81 Interest on Credit Line	, ,					
Haul Sorghum Sociation S		65	Pound	\$0.35	\$22.75	\$2,275.00
Miscellaneous		20	CMT	¢0.10	фE 40	¢E40.00
Crop Insurance - Grain Sorghum Dry 1 Acre \$11.00 \$11.00 \$11,00.00 Miscellaneous Sorghum Overhead 1 Acre \$4.00 \$4.00 \$400.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$10.00		30	CVVI	\$0.18	\$5.40	\$540.00
Miscellaneous Sorghum Overhead 1 Acre \$4.00 \$4.00 \$400.00 Insecticide		1	Aoro	¢11.00	¢11 00	¢1 100 00
Insecticide						
Lorsban 4E	_		Acie	Ψ4.00	Ψ4.00	φ400.00
Dimethoate 4E 0.5		1	Pint	\$4.52	\$4.52	\$451.90
Machinery Labor						
Tractors/Self-Propelled O.7 Hour S17.21 S12.05 S1,204.70 Other Labor O.16 Hour S17.21 S2.75 S275.36		0.0		40.00	Ψ2.0 .	420
Other Labor Other Labor Diesel Fuel	•	0.7	Hour	\$17.21	\$12.05	\$1,204.70
Tractors/Self-Propelled 5.4 Gallon \$3.00 \$16.20 \$1,620.00		0.16	Hour	\$17.21		
Pickup/General Use Equipment 1 Acre \$26.61 \$26.61 \$2,660.90	Diesel Fuel					
Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$4.84 \$4.84 \$483.84 Tractors/Self-Propelled 1 Acre \$18.94 \$18.94 \$1,893.67 Implements 1 Acre \$10.12 \$10.12 \$1,011.81 Interest on Credit Line 8.60% \$8.29 \$828.95 \$187.94 \$187.94 \$187.93.54 Planned Returns Above Variable Costs \$6.26 CWT Enterprise Enterprise Enterprise Enterprise Total Pickup/General Use Equipment 1 Acre \$10.12 \$1.011 Acre \$187.94 \$18.793.54 Planned Returns Above Variable Costs \$6.26 CWT Enterprise Enterprise Enterprise Enterprise Enterprise Total Total Total Enterprise Enterprise Enterprise Enterprise Total Enterprise	Tractors/Self-Propelled	5.4	Gallon	\$3.00	\$16.20	\$1,620.00
Repairs & Maintenance	Gasoline					
Pickup/General Use Equipment		1	Acre	\$26.61	\$26.61	\$2,660.90
Tractors/Self-Propelled 1 Acre \$18.94 \$18.94 \$1,893.67 Implements 1 Acre \$10.12 \$10.12 \$1,011.81 Interest on Credit Line 8.60% \$8.29 \$828.95 \$187.94 \$18,793.54 \$18,793.54 \$18,793	Repairs & Maintenance					
Implements 1 Acre \$10.12 \$10.12 \$1,011.81 Interest on Credit Line 8.60% \$8.29 \$828.95 Total Variable Costs \$187.94 \$18,793.54 Planned Returns Above Variable Costs \$52.06 \$52.06.46 Breakeven Price to Cover Variable Costs \$6.26 CWT Enterprise Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$2,520.00 Tractors/Self-Propelled 1 Acre \$19.79 \$19.79 \$1,978.82 Implements 1 Acre \$12.54 \$12.54 \$1,254.15 Equipment Investment Pickup/General Use Equipment \$105.00 Dollars 8.60% \$9.03 \$903.00 Tractors/Self-Propelled \$151.05 Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$2,000.00 Total Fixed Costs \$104.56 \$10,455.68 Total Specified Costs \$8.249 \$29,249.24						
Interest on Credit Line						
Standard	•	1	Acre			
Planned Returns Above Variable Costs S52.06 S5,206.46				8.60%		
Breakeven Price to Cover Variable Costs \$6.26 CWT				=		
Enterprise Total Total Total Total Total						\$5,206.46
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$6.26	CWT	
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$2,520.00 Tractors/Self-Propelled 1 Acre \$19.79 \$19.79 \$1,978.82 Implements 1 Acre \$12.54 \$12.54 \$1,254.15 Equipment Investment Pickup/General Use Equipment \$105.00 Dollars 8.60% \$9.03 \$903.00 Tractors/Self-Propelled \$151.05 Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$20.00 \$2,000.00 Total Fixed Costs \$292.49 \$292.49 \$29,249.24 Returns Above Specified Costs \$52.49 \$52.49.24	5W55 00070			****		•
Pickup/General Use Equipment 1 Acre \$25.20 \$25.20 \$2,520.00 Tractors/Self-Propelled 1 Acre \$19.79 \$19.79 \$1,978.82 Implements 1 Acre \$12.54 \$12.54 \$1,254.15 Equipment Investment Pickup/General Use Equipment \$105.00 Dollars 8.60% \$9.03 \$903.00 Tractors/Self-Propelled \$151.05 Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$2,000.00 Total Fixed Costs \$104.56 \$10,455.69 Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)		Quantity	Units	\$/Unit	l otal	Lotal
Tractors/Self-Propelled 1 Acre \$19.79 \$19.79 \$1,978.82 Implements 1 Acre \$12.54 \$12.54 \$1,254.15 Equipment Investment Pickup/General Use Equipment \$105.00 Dollars 8.60% \$9.03 \$903.00 Tractors/Self-Propelled \$151.05 Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$2,000.00 \$2,000.00 Total Fixed Costs \$104.56 \$10,455.69 \$104.56 \$10,455.69 Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)		1	A	#25.20	ቀ ንፑ ንስ	¢2 F20 00
Implements	· · · · · · · · · · · · · · · · · · ·					
Equipment Investment Pickup/General Use Equipment \$105.00 Dollars 8.60% \$9.03 \$903.00 Tractors/Self-Propelled \$151.05 Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$2,000.00 \$2,000.00 Total Fixed Costs \$104.56 \$10,455.69 \$10,455.69 Total Specified Costs \$292.49 \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)	•	-				
Pickup/General Use Equipment Tractors/Self-Propelled Implements \$105.00 Dollars Dollars 8.60% \$9.03 \$903.00 Implements Implements \$58.23 Dollars Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent Implements Ordal Fixed Costs 1 Acre \$20.00 \$20.00 \$2,000.00 Total Specified Costs \$292.49 \$292.49 \$292.49.24 Returns Above Specified Costs \$52.49 \$52.49.24	•		Acie	Ψ12.54	Ψ12.54	ψ1,234.13
Tractors/Self-Propelled Implements \$151.05 Dollars Dollars 8.60% \$12.99 \$1,298.99 Implements \$58.23 Dollars 8.60% \$5.01 \$500.74 Dryland Winter Garden Rent 1 Acre \$20.00 \$20.00 \$2,000.00 Total Fixed Costs \$104.56 \$104.56 \$10,455.69 Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)		\$105.00	Dollars	8 60%	\$9.03	\$903.00
Implements						
Dryland Winter Garden Rent 1 Acre \$20.00 \$20.00 \$2,000.00 Total Fixed Costs \$104.56 \$10,455.69 Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)	•					
Total Fixed Costs \$104.56 \$10,455.69 Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)						
Total Specified Costs \$292.49 \$29,249.24 Returns Above Specified Costs (\$52.49) (\$5,249.24)	•			· · · · · -		
Returns Above Specified Costs (\$52.49) (\$5,249.24)	Total Specified Costs			=		
	F			=	+=020	/E 101ET
Breakeven Price to Cover Total Costs \$9.75 CWT	Returns Above Specified Costs				(\$52.49)	(\$5,249.24)
	Breakeven Price to Cover Total Costs			\$9.75	CWT	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	CWT	Costs	Costs			
75%	22.50	\$8.35	\$13.00			
90%	27.00	\$6.96	\$10.83			
100%	30.00	\$6.26	\$9.75			
110%	33.00	\$5.70	\$8.86			
125%	37.50	\$5.01	\$7.80			

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.