

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-24 Row, Dryland, 4000 lb. Yield Goal - 500 Acres
Lower Coastal Bend, Coastal Bend Extension District - 11

Crop Acres		500				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total	
Grain Sorghum	40.00	CWT	\$10.00	\$400.00	\$200,000.00	
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	
Total Revenue				\$400.00	\$200,000.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Fertilizer						
24-8-0	0.15	Ton	\$378.58	\$56.79	\$28,393.50	
Custom						
Fertilizer Application	1	Acre	\$5.25	\$5.25	\$2,625.00	
Herbicide						
2, 4D	1	Pound	\$4.25	\$4.25	\$2,125.00	
Glyphosate	1.5	Quart	\$5.04	\$7.56	\$3,778.13	
Atrazine	1	Pound	\$3.32	\$3.32	\$1,658.33	
Sorghum PostEmerge Herbicide	1	Ounce	\$12.60	\$12.60	\$6,300.00	
Insecticide						
Headworn Control	1.3	Ounce	\$1.99	\$2.59	\$1,294.92	
Seed						
Treated Sorghum Seed	6	Pounds	\$3.35	\$20.10	\$10,050.00	
Hauling and Handling						
Custom Haul - Sorghum	42	CWT	\$0.30	\$12.60	\$6,300.00	
Drying - Sorghum	42	CWT	\$0.10	\$4.20	\$2,100.00	
Other						
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,940.00	
Crop Insurance -Sorghum	1	Acre	\$4.36	\$4.36	\$2,180.00	
Diesel Fuel						
Tractors	4.93	Gallons	\$3.30	\$16.26	\$8,129.70	
Self Propelled	1.57	Gallons	\$3.30	\$5.18	\$2,592.43	
Repairs & Maintenance						
Implements	1	Acre	\$5.08	\$5.08	\$2,540.65	
Tractors	1	Acre	\$6.14	\$6.14	\$3,067.58	
Self Propelled	1	Acre	\$7.56	\$7.56	\$3,778.02	
Operator Labor						
Tractors	0.44	Hours	\$13.75	\$6.05	\$3,025.00	
Self Propelled	0.12	Hours	\$13.75	\$1.66	\$831.88	
Hand Labor						
Tractors	0.01	Hours	\$7.50	\$0.05	\$26.63	
Self Propelled	0.04	Hours	\$7.50	\$0.27	\$135.00	
Interest on Credit Line			5.00%	\$4.75	\$2,375.87	
Total Variable Costs				\$190.50	\$95,247.63	
Planned Returns Above Variable Costs:				\$209.50	\$104,752.37	
Breakeven Price to Cover Variable Costs			\$4.76	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery						
Implements	1	Acre	\$10.25	\$10.25	\$5,123.20	
Tractors	1	Acre	\$12.19	\$12.19	\$6,096.05	
Self Propelled	1	Acre	\$14.40	\$14.40	\$7,200.79	
Management Charge	\$400.00	Dollars	5.00%	\$20.00	\$10,000.00	
LCB - Land Charge	1	Acre	\$55.00	\$55.00	\$27,500.00	
Total Fixed Costs				\$111.84	\$55,920.05	
Total Specified Costs				\$302.34	\$151,167.67	
Returns Above Specified Costs				\$97.66	\$48,832.33	
Breakeven Price to Cover Total Costs			\$7.56	CWT		

Breakeven Prices						
Yield Percent	Yield CWT	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	30.00	\$6.35	\$6.35	\$10.08	\$10.08	\$0.00
90%	36.00	\$5.29	\$5.29	\$8.40	\$8.40	\$0.00
100%	40.00	\$4.76	\$4.76	\$7.56	\$7.56	\$0.00
110%	44.00	\$4.33	\$4.33	\$6.87	\$6.87	\$0.00
125%	50.00	\$3.81	\$3.81	\$6.05	\$6.05	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.