

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
No-Till Dryland Sorghum, Follow Cotton - 400 Acres
West Central Extension District - 7

Crop Acres		400				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Sorghum	22.00	CWT	\$8.00	\$176.00		\$70,400.00
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
Total Revenue				\$176.00		\$70,400.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed Sorghum	8	Lb	\$3.56	\$28.48		\$11,392.00
Crop Insurance						
RP 65% Crop Ins	1	Acre	\$4.82	\$4.82		\$1,928.00
Fertilizer						
Nitrogen Dry	20	Pounds	\$0.62	\$12.40		\$4,960.00
Phosphate	20	Pounds	\$0.67	\$13.46		\$5,384.00
Herbicide						
Atrazine	2	Atrazine	\$1.75	\$3.50		\$1,400.00
2-4D Amine 4	1.5	Pint	\$2.09	\$3.13		\$1,252.80
Glyphosate	32	Oz	\$0.11	\$3.62		\$1,446.40
Custom						
Custom Harvest	1	Acre	\$22.00	\$22.00		\$8,800.00
Custom Haul	39.2857	Bushels	\$0.20	\$7.86		\$3,142.86
Operator Labor						
Tractors	0.35283	Hour	\$12.00	\$4.23		\$1,693.58
Diesel Fuel						
Tractors	1.14281	Gallon	\$3.30	\$3.77		\$1,508.51
Gasoline						
Pickup	0.91	Gallon	\$3.20	\$2.91		\$1,164.80
Repairs & Maintenance						
Tractors	1	Acre	\$0.89	\$0.89		\$356.32
Implements	1	Acre	\$2.45	\$2.45		\$979.69
Pickup & Self Propelled	1	Acre	\$0.87	\$0.87		\$348.19
Interest on Credit Line			3.75%	\$1.41		\$563.07
Total Variable Costs				\$115.80		\$46,320.21
Planned Returns Above Variable Costs:				\$60.20		\$24,079.79
Breakeven Price to Cover Variable Costs			\$5.26	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery						
Tractors	1	Acre	\$5.27	\$5.27		\$2,106.32
Implements	1	Acre	\$2.38	\$2.38		\$953.39
Pickup & Self Propelled	1	Acre	\$3.14	\$3.14		\$1,255.90
Land Rent	1	Acre	\$35.00	\$35.00		\$14,000.00
Total Fixed Costs				\$45.79		\$18,315.60
Total Specified Costs				\$161.59		\$64,635.81
Returns Above Specified Costs				\$14.41		\$5,764.19
Breakeven Price to Cover Total Costs			\$7.34	CWT		

Breakeven Prices						
Yield	Yield	Variable Costs		Total Costs		
Percent	CWT	Full	Tenant	Full	Tenant	Landlord
75%	16.50	\$7.02	\$7.02	\$9.79	\$9.79	\$0.00
90%	19.80	\$5.85	\$5.85	\$8.16	\$8.16	\$0.00
100%	22.00	\$5.26	\$5.26	\$7.34	\$7.34	\$0.00
110%	24.20	\$4.79	\$4.79	\$6.68	\$6.68	\$0.00
125%	27.50	\$4.21	\$4.21	\$5.88	\$5.88	\$0.00

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension.

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