Projections for Planning Purposes Only -- Not to be Used without Updating

2020 Estimated Costs and Returns per Acre
No-Till Dryland Sorghum, Follow Cotton
West Central Extension District - 7

Crop Acres	400				
REVENUE	Quantity	Units	$/Unit	Total	Enterprise Total
Sorghum	22.00	CWT	$6.42	$141.24	$56,496.00
Total Revenue				$141.24	$56,496.00
VARIABLE COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Husky	14.5	Ounce	$0.88	$12.80	$5,120.31
Glyphosate	32	Ounce	$0.13	$4.25	$1,700.00
Atrazine	1	Quart	$3.43	$3.43	$1,370.00
Seed					
Grain Sorghum - Treated	5	Pounds	$3.80	$19.00	$7,600.00
Fertilizer					
Nitrogen Dry-Urea	30	Pounds	$0.38	$11.41	$4,564.80
Phos (11-52-0 DRY MAT)	20	Pounds	$0.39	$7.79	$3,115.36
Custom					
Soil Test-Dryland	1	Each	$0.25	$0.25	$100.00
Custom Harvest Sorghum	1	Acre	$25.00	$25.00	$10,000.00
Custom Haul Sorghum	39.3	Bushels	$0.27	$10.61	$4,244.40
Miscellaneous					
GS RP 70%, Ent	1	Acre	$4.72	$4.72	$1,888.00
Insecticide					
Sivanto	5.5	Ounce	$2.67	$14.67	$5,869.53
Machinery Labor					
Tractors/Self-Propelled	0.5	Hour	$15.00	$7.50	$3,000.00
Diesel Fuel					
Tractors/Self-Propelled	3.03	Gallon	$2.60	$7.88	$3,151.20
Gasoline					
Pickup/General Use Equipment	1	Acre	$1.82	$1.82	$727.92
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	$0.82	$0.82	$328.50
Tractors/Self-Propelled	1	Acre	$6.85	$6.85	$2,738.56
Implements	1	Acre	$6.78	$6.78	$2,712.38
Interest on Credit Line			6.00%	$3.15	$1,260.16
Total Variable Costs				$148.73	$59,491.13
Planned Returns Above Variable Costs:				($7.49)	($2,995.13)
Breakeven Price to Cover Variable Costs			$6.76	CWT	
FIXED COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	$1.74	$1.74	$696.60
Tractors/Self-Propelled	1	Acre	$8.93	$8.93	$3,572.81
Implements	1	Acre	$9.36	$9.36	$3,744.76
Equipment Investment					
Pickup/General Use Equipment	$9.65	Dollars	6.00%	$0.58	$231.66
Tractors/Self-Propelled	$68.65	Dollars	6.00%	$4.12	$1,647.70
Implements	$40.05	Dollars	6.00%	$2.40	$961.16
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				$72.14	$28,854.69
Total Specified Costs				$220.86	$88,345.82
Returns Above Specified Costs				($79.62)	($31,849.82)
Breakeven Price to Cover Total Costs			$10.04	CWT	

Example Breakeven Prices

Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	16.50	$9.01	$13.39
90%	19.80	$7.51	$11.15
100%	22.00	$6.76	$10.04
110%	24.20	$6.15	$9.13
125%	27.50	$5.41	$8.03

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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.