

Basis of Production Costs

Size of Operation: 300 acres; 100 acres grain sorghum as a double crop following grain, grain hay, or oat and vetch hay.

Machinery Costs: Basically current costs.

Labor: \$1.75/hr. skilled, 1.50/hr. irrigator; both include Social Security, Workman's Compensation, etc.

Tractor Rates: Cash operating costs.  
(Fuel and repairs)  
60 HP Track Diesel \$2.00/hr.  
40 HP Wheel Diesel \$0.85/hr.

Interest: 6% of one-half the original costs. Land interest is on full value. Under a double cropping operation, 40% of the land interest and taxes are charged to the first crop and 60% to the grain sorghum.

Depreciation: With some exceptions where applicable, based on 10 years.

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Appreciation is expressed to Glenn County grain sorghum growers who assisted in compiling grain sorghum production costs.

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Farm Advisor's Office  
Glenn County

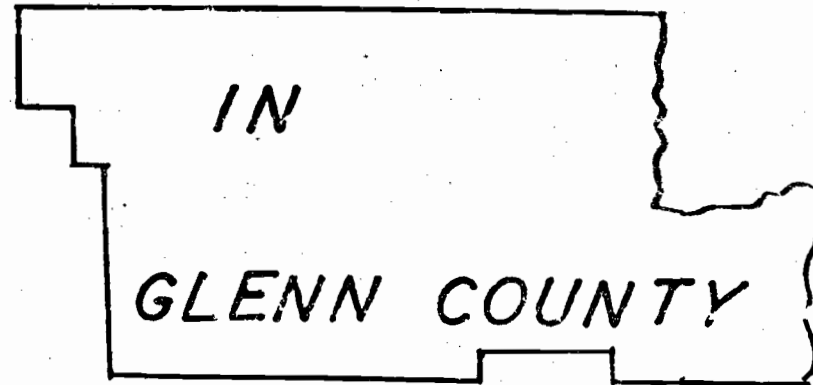
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# GRAIN SORGHUM

## PRODUCTION COSTS

(DOUBLE CROP)

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SAMPLE COSTS TO PRODUCE **GLIEN** SORGHUM (As a Double Crop)

Glenn County 1964

Yield: 5,000 Cwt. Per Acre

Operation	Hours Per Acre	Cost Per Acre			Total Cost Per Acre	Your Costs Per Acre
		Labor	Fuel & Repairs	Materials		
<b>Cultural</b>						
Fall Land Prep. (½ Total)	.70	\$1.23	\$1.68		\$ 2.91	
Burn Field	.10	.18			.18	
Chisel	.30	.53	.69		1.22	
Prep. or Repair Borders	.20	.36	.22		.58	
Pre-irrigate	.40	.60		(.67 Acre-Feet) \$ 1.68	2.28	
Fertilize (contract)				75¢/A + 100# N @ 12¢/# 12.75	12.75	
Disk or spr. tooth W/hrw 2x	.66	1.16	1.52		2.68	
Drill W/harrow or roller	.30	.53	.36	Seed 14# @ 22¢	3.08	
Irrigate 5x	1.00	1.50		(2.43 Acre-Feet) 6.08	7.58	
<b>TOTAL CULTURAL</b>	<b>3.66</b>	<b>\$6.09</b>	<b>\$4.47</b>	<b>\$ 23.59</b>	<b>\$ 34.15</b>	
<b>Harvest</b>						
Combine	.75	1.31	3.04		4.35	
Haul	1.25	2.19		½ sold in field, ½ (2500 Cwt) farm truck @ \$1/T + man, ½ (1250 Cwt) with rented truck @ \$1/T w/o man \$1.25 + \$.75 2.00	4.19	
Drying				¾ of crop @ 3¢ per Cwt. 1.13	1.13	
<b>TOTAL HARVEST &amp; DRYING</b>	<b>2.00</b>	<b>\$3.50</b>	<b>\$3.04</b>	<b>\$ 3.13</b>	<b>\$ 9.67</b>	
<b>TOTAL CULTURAL &amp; HARVEST</b>	<b>5.66</b>	<b>\$9.59</b>	<b>\$7.51</b>	<b>\$ 26.72</b>	<b>\$ 43.82</b>	
<b>MISC. OVERHEAD 5% of Cultural &amp; Harvest Costs</b>					<b>2.19</b>	
<b>MANAGEMENT COSTS 5% (5,000 Cwt. @ \$2.15 Cwt = \$108)</b>					<b>5.40</b>	
<b>TOTAL CASH AND LABOR COSTS</b>					<b>\$ 51.41</b>	
<b>ANNUAL COSTS</b>						
<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes &amp; Insurance</u>		
Land	\$ 600		\$21.60 (60% of Total)	\$5.50 (60% of Total)		
Irrigation System	150	\$ 7.50	4.50	2.25		
Equipment	129	12.46	3.95	1.94		
Bldgs. & Grain Bins	36	1.25	1.08	.54		
<b>TOTAL INVESTMENT</b>	<b>\$ 915</b>	<b>\$21.21</b>	<b>\$31.13</b>	<b>\$9.23</b>	<b>\$ 61.57</b>	
<b>TOTAL COST PER ACRE</b>					<b>\$112.98</b>	
<b>TOTAL COST PER CWT @ 5,000 Cwt/Acre</b>					<b>\$ 2.26</b>	

**NET INCOME PER ACRE AFTER PAYING ALL EXPENSES**

Yield Cwt. Per Acre	Price Per Cwt.				
	\$ 1.95	\$ 2.05	\$ 2.15	\$ 2.25	\$ 2.35
4,000	-32.00	-28.00	-24.00	-20.00	-16.00
4,500	-23.00	-19.00	-15.00	-11.00	- 6.00
5,000	-14.00	-10.00	- 5.00	0	+ 4.00
5,500	- 7.00	- 1.00	+ 4.00	+ 9.00	+14.00
6,000	+ 2.00	+ 7.00	+13.00	+19.00	+24.00