

Table 8. 2021 Grain Sorghum Enterprise Budget, Center Pivot Irrigation

CROP VALUE	Grower %	Unit	¹Yield	Price/Unit	Revenue
Crop Value, Enter Expected Farm Yield & Price	100%	Bu.	105.00	3.82	401.10
OPERATING EXPENSES					
		Unit	Quantity	²Price/Unit	Costs
Seed, Includes Applicable Fees	100%	Acre	1	25.74	25.74
Nitrogen 100%	100%	Lbs	161	0.35	56.88
Phosphate (0-46-0)	100%	Lbs	150	0.18	26.63
Potash (0-0-60)	100%	Lbs	120	0.15	17.70
Ammonium Sulfate (21-0-0-24)	100%	Lbs	0	0.17	0.00
Boron 15%	100%	Lbs	0.00	0.55	0.00
Other Nutrients, Including Poultry Litter	100%	Acre	1.00	0.00	0.00
Herbicide	100%	Acre	1	26.30	26.30
Insecticide	100%	Acre	1	28.31	28.31
Fungicide	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Other Chemical	100%	Acre	1	0.00	0.00
Custom Chemical & Fertilizer Applications					
Ground Application: Fertilizer & Chemical	100%	Acre	0	7.00	0.00
Air Application: Fertilizer & Chemical	100%	Acre	1	7.00	7.00
Air Application: Lbs.	100%	Lbs	0	0.075	0.00
Other Custom Hire, Air Seeding	100%	Acre	0	7.50	0.00
Machinery and Equipment					
Diesel Fuel, Pre-Post Harvest	100%	Gallons	3.388	1.60	5.42
Repairs and Maintenance, Pre-Post Harvest	100%	Acre	1	7.65	7.65
Diesel Fuel, Harvest	100%	Gallons	2.027	1.60	3.24
Repairs and Maintenance, Harvest	100%	Acre	1	6.02	6.02
Irrigation Energy Cost	100%	Ac-In	10	2.87	28.71
Irrigation System Repairs & Maintenance		Ac-In	10	0.83	8.35
Supplies (ex. polypipe)	100%	Acre	1	0.00	0.00
Other Inputs	100%	Acre	1	0.00	0.00
Labor, Field Activities	100%	Hrs	0.683	11.33	7.73
Scouting/Consultant Fee	100%	Acre	1	6.00	6.00
Other Expenses	100%	Acre	1	0.00	0.00
Crop Insurance	100%	Acre	1	12.01	12.01
Interest, Annual Rate Applied for 6 Months	100%	Rate %	4.45	273.67	6.09
Custom Harvest	100%	Acre	0.00	0.00	0.00
Post-Harvest Expenses					
Drying	100%	Bu.	105.00	0.00	0.00
Hauling	100%	Bu.	105.00	0.25	26.25
Check Off, Boards	100%	Bu.	105.00	0.01	1.05
Cash Land Rent		Acre	1	0.00	0.00
Total Operating Expenses					\$307.06
Returns to Operating Expenses					\$94.04
CAPITAL RECOVERY & FIXED COSTS					
Machinery and Equipment		Acre	1	69.46	69.46
Irrigation Equipment		Acre	1	65.62	65.62
Farm Overhead; See Note 3		Acre	1	3.47	3.47
Total Capital Recovery & Fixed Costs					\$138.56
TOTAL SPECIFIED EXPENSES					\$445.62
NET RETURNS					-\$44.52

Note 1: Yield and inputs are based on Extension research data. Enter expected farm yield and inputs.

Note 2: All price estimates do NOT include rebates, bulk deals, or discounts available through suppliers.

Note 3: Estimate based on machinery and equipment.