

University of Missouri Extension Southeast Missouri Crop Budget

2021 No-Till Double Crop Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	130.00	20.80	
Nitrogen	90	Pounds	0.32	28.80	
Phosphate	40	Pounds	0.41	16.40	
Potash	25	Pounds	0.23	5.75	
Limestone	0.25	Tons	30.00	7.50	
Starter Fertilizer	0	Acre	0.00	0.00	
Zinc	0	Pounds	0.00	0.00	
Sulfur	0	Pounds	0.00	0.00	
Burn Down Herbicides	1	Acre	7.00	7.00	
Pre-Emerge	1	Acre	23.00	23.00	
Post-Emerge	1	Acre	5.00	5.00	
Fungicide	0	Acre	0.00	0.00	
Insecticide	1	Acre	36.00	36.00	
Drying Fuel & Electricity*	70	Bushels	0.18	12.60	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	16.00	16.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Labor	1	Acre	27.00	27.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.10	0.00	
Irrigation Repairs	0	Acre	12.00	0.00	
Irrigation Labor	0	Acre	5.00	0.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	9.02	
Total Variable		Acre		\$ 266.77	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	14.00	14.00	
Fixed Irrigation Cost	0	Acre	82.00	0.00	
Total (Excluding Land)		Acre		\$ 324.77	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 410.32	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
50	\$5.20	\$6.36	\$8.07	120	\$2.37	\$2.85	\$3.57
60	\$4.39	\$5.35	\$6.78	130	\$2.21	\$2.66	\$3.32
70	\$3.81	\$4.64	\$5.86	140	\$2.08	\$2.49	\$3.11
80	\$3.38	\$4.10	\$5.17	150	\$1.97	\$2.35	\$2.92
90	\$3.04	\$3.69	\$4.64	160	\$1.86	\$2.23	\$2.76
100	\$2.77	\$3.35	\$4.21	170	\$1.78	\$2.12	\$2.62
110	\$2.55	\$3.08	\$3.86	180	\$1.70	\$2.02	\$2.49