

University of Missouri Extension Southeast Missouri Crop Budget 2021 Conventional Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.350	Bags	200.00	70.00	
Nitrogen	180	Pounds	0.32	57.60	
Phosphate	85	Pounds	0.41	34.85	
Potash	65	Pounds	0.28	18.20	
Limestone	0.5	Tons	30.00	15.00	
Starter Fertilizer	0	Acre	0.00	0.00	
Zinc	0	Pounds	0.00	0.00	
Sulfur	0	Pounds	0.00	0.00	
Boron	0	Pounds	0.00	0.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	12.00	12.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	17.00	17.00	
Drying Fuel & Electricity*	160	Bushels	0.19	30.40	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	17.00	17.00	
Machinery Repairs	1	Acre	20.00	20.00	
Hauling & Transportation*	160	Bushels	0.17	27.20	
Labor	1	Acre	40.00	40.00	
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	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	14.73	
Total Variable		Acre		\$ 435.48	
Fixed Machinery Cost	1	Acre	63.00	63.00	
Fixed Buildings & Bins Cost	1	Acre	21.00	21.00	
Fixed Irrigation Cost	0	Acre	82.00	0.00	
Total (Excluding Land)		Acre		\$ 519.48	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 690.58	

* 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
100	\$4.14	\$4.98	\$6.69	170	\$2.58	\$3.08	\$4.08
110	\$3.80	\$4.56	\$6.11	180	\$2.46	\$2.93	\$3.88
120	\$3.51	\$4.21	\$5.63	190	\$2.35	\$2.79	\$3.69
130	\$3.27	\$3.91	\$5.23	200	\$2.25	\$2.67	\$3.52
140	\$3.06	\$3.66	\$4.88	210	\$2.16	\$2.56	\$3.37
150	\$2.88	\$3.44	\$4.58	220	\$2.08	\$2.46	\$3.24
160	\$2.72	\$3.25	\$4.32	230	\$2.00	\$2.37	\$3.11