

University of Missouri Extension Southeast Missouri Crop Budget

2021 Center Pivot Irr Stacked Gene Corn Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4250	Bags	265.00	112.63	
Nitrogen	230	Pounds	0.32	73.60	
Phosphate	95	Pounds	0.41	38.95	
Potash	80	Pounds	0.28	22.40	
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	16.00	16.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	210	Bushels	0.19	39.90	
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*	210	Bushels	0.17	35.70	
Labor	1	Acre	40.00	40.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.10	25.20	
Irrigation Repairs	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	5.00	5.00	
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%	18.90	
Total Variable		Acre		\$ 558.77	
Fixed Machinery Cost	1	Acre	63.00	63.00	
Fixed Buildings & Bins Cost	1	Acre	26.00	26.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
Total (Excluding Land)		Acre		\$ 729.77	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 900.87	

* 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
140	\$3.81	\$5.03	\$6.25	210	\$2.66	\$3.48	\$4.29
150	\$3.58	\$4.72	\$5.86	220	\$2.56	\$3.33	\$4.11
160	\$3.38	\$4.45	\$5.52	230	\$2.46	\$3.20	\$3.95
170	\$3.20	\$4.21	\$5.21	240	\$2.37	\$3.09	\$3.80
180	\$3.04	\$3.99	\$4.94	250	\$2.29	\$2.98	\$3.66
190	\$2.90	\$3.80	\$4.70	260	\$2.22	\$2.88	\$3.53
200	\$2.78	\$3.63	\$4.49	270	\$2.15	\$2.78	\$3.42