

## University of Missouri Extension Southeast Missouri Crop Budget

### 2021 Center Pivot Irr. Conventional Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4250	Bags	200.00	85.00	
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	12.00	12.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	17.00	17.00	
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%	18.21	
<b>Total Variable</b>		Acre		<b>\$ 538.46</b>	
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	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 709.46</b>	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
<b>Total Cost</b>		Acre		<b>\$ 880.56</b>	

\* 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	\$3.67	\$4.89	\$6.11	210	\$2.56	\$3.38	\$4.19
150	\$3.45	\$4.59	\$5.73	220	\$2.46	\$3.24	\$4.02
160	\$3.25	\$4.32	\$5.39	230	\$2.37	\$3.12	\$3.86
170	\$3.08	\$4.09	\$5.10	240	\$2.29	\$3.00	\$3.71
180	\$2.93	\$3.88	\$4.83	250	\$2.21	\$2.90	\$3.58
190	\$2.80	\$3.70	\$4.60	260	\$2.14	\$2.80	\$3.46
200	\$2.67	\$3.53	\$4.38	270	\$2.07	\$2.71	\$3.34