

## University of Missouri Extension Southeast Missouri Crop Budget

### 2018 Center Pivot Irrigated Non-GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4250	Bags	175.00	74.38	
Nitrogen	220	Pounds	0.36	79.20	
Phosphate	90	Pounds	0.34	30.60	
Potash	60	Pounds	0.28	16.80	
Limestone	0.5	Tons	29.00	14.50	
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	13.00	13.00	
Post-Emerge	1	Acre	19.00	19.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Drying Fuel & Electricity*	200	Bushels	0.18	36.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	21.00	21.00	
Machinery Repairs	1	Acre	19.00	19.00	
Hauling & Transportation*	200	Bushels	0.17	34.00	
Labor	1	Acre	38.00	38.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	10.00	10.00	
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 6.0%)	0.5	Acre	6.00%	15.06	
<b>Total Variable</b>		Acre		<b>\$ 517.03</b>	
Fixed Machinery Cost	1	Acre	60.00	60.00	
Fixed Buildings & Bins Cost	1	Acre	24.00	24.00	
Fixed Irrigation Cost	1	Acre	86.00	86.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 687.03</b>	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
<b>Total Cost</b>		Acre		<b>\$ 849.03</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	\$3.54	\$4.76	\$5.91	210	\$2.48	\$3.29	\$4.06
150	\$3.33	\$4.46	\$5.54	220	\$2.38	\$3.15	\$3.89
160	\$3.14	\$4.21	\$5.22	230	\$2.29	\$3.03	\$3.74
170	\$2.98	\$3.98	\$4.93	240	\$2.21	\$2.92	\$3.60
180	\$2.83	\$3.78	\$4.68	250	\$2.14	\$2.82	\$3.47
190	\$2.70	\$3.60	\$4.45	260	\$2.07	\$2.72	\$3.35
200	\$2.59	\$3.44	\$4.25	270	\$2.01	\$2.64	\$3.24