

## University of Missouri Extension Southeast Missouri Crop Budget

### 2017 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	0.34	74.80	
Phosphate	90	Pounds	0.33	29.70	
Potash	60	Pounds	0.25	15.00	
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	12.00	12.00	
Post-Emerge	1	Acre	18.00	18.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Drying Fuel & Electricity*	200	Bushels	0.12	24.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	17.00	17.00	
Machinery Repairs	1	Acre	18.00	18.00	
Hauling & Transportation*	200	Bushels	0.16	32.00	
Labor	1	Acre	37.00	37.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.00	24.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	4.00	4.00	
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%	13.98	
<b>Total Variable</b>		Acre		<b>\$ 479.85</b>	
Fixed Machinery Cost	1	Acre	56.00	56.00	
Fixed Buildings & Bins Cost	1	Acre	23.00	23.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 635.85</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>\$ 797.85</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	\$3.31	\$4.42	\$5.58	210	\$2.30	\$3.04	\$3.81
150	\$3.11	\$4.15	\$5.23	220	\$2.21	\$2.92	\$3.65
160	\$2.93	\$3.90	\$4.92	230	\$2.12	\$2.80	\$3.51
170	\$2.77	\$3.69	\$4.64	240	\$2.05	\$2.70	\$3.37
180	\$2.63	\$3.50	\$4.40	250	\$1.98	\$2.60	\$3.25
190	\$2.51	\$3.33	\$4.18	260	\$1.91	\$2.51	\$3.13
200	\$2.40	\$3.18	\$3.99	270	\$1.85	\$2.43	\$3.03