

University of Missouri Extension Southeast Missouri Crop Budget 2017 Center Pivot Irrigated GMO Corn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.4250	Bags	275.00	116.88	
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	20.00	20.00	
Fungicide	1	Acre	15.00	15.00	
Insecticide	0	Acre	5.00	0.00	
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%	14.77	
Total Variable		Acre		\$ 507.15	
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	
Total (Excluding Land)		Acre		\$ 663.15	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 825.15	

* 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	\$3.50	\$4.62	\$5.77	210	\$2.43	\$3.17	\$3.94
150	\$3.29	\$4.33	\$5.41	220	\$2.33	\$3.04	\$3.78
160	\$3.10	\$4.07	\$5.09	230	\$2.24	\$2.92	\$3.62
170	\$2.93	\$3.85	\$4.80	240	\$2.16	\$2.81	\$3.48
180	\$2.79	\$3.65	\$4.55	250	\$2.08	\$2.71	\$3.36
190	\$2.65	\$3.48	\$4.33	260	\$2.02	\$2.62	\$3.24
200	\$2.54	\$3.32	\$4.13	270	\$1.95	\$2.53	\$3.13