

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	120.00	120.00	
Nitrogen	80	Pounds	0.34	27.20	
Phosphate	50	Pounds	0.33	16.50	
Potash	45	Pounds	0.25	11.25	
Limestone	0.5	Tons	29.00	14.50	
Sulfur	0	Pounds	0.00	0.00	
Boron	1	Pounds	6.00	6.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	2	Acre	15.00	30.00	
Post-Emerge - Layby	0	Acre	0.00	0.00	
Insecticide	1	Acre	32.00	32.00	
Boll Weevil Eradication	0	Acre	5.00	0.00	
Growth Regulator	2	Acre	5.00	10.00	
Defoliation	1	Acre	18.00	18.00	
Ginning (changes with Yield)	0	Pounds	0.00	0.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	22.00	22.00	
Machinery Repairs	1	Acre	32.00	32.00	
Labor	1	Acre	46.00	46.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.00	18.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	4.00	4.00	
Scout	1	Acre	8.00	8.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	14.26	
Total Variable		Acre		\$ 489.71	
Fixed Machinery Cost	1	Acre	117.00	117.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 686.71	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 848.71	

**Seed cost includes Technology Fee

Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
720	\$0.680	\$0.954	\$1.179	1140	\$0.430	\$0.602	\$0.744
780	\$0.628	\$0.880	\$1.088	1200	\$0.408	\$0.572	\$0.707
840	\$0.583	\$0.818	\$1.010	1260	\$0.389	\$0.545	\$0.674
900	\$0.544	\$0.763	\$0.943	1320	\$0.371	\$0.520	\$0.643
960	\$0.510	\$0.715	\$0.884	1380	\$0.355	\$0.498	\$0.615
1020	\$0.480	\$0.673	\$0.832	1440	\$0.340	\$0.477	\$0.589
1080	\$0.453	\$0.636	\$0.786	1500	\$0.326	\$0.458	\$0.566