

**University of Missouri Extension Southeast Missouri Crop Budget
2018 GMO Cotton Budget**

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	120.00	120.00	
Nitrogen	80	Pounds	0.36	28.80	
Phosphate	40	Pounds	0.34	13.60	
Potash	35	Pounds	0.28	9.80	
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	16.00	16.00	
Post-Emerge	2	Acre	16.00	32.00	
Post-Emerge - Layby	0	Acre	0.00	0.00	
Insecticide	1	Acre	33.00	33.00	
Boll Weevil Eradication	0	Acre	5.00	0.00	
Growth Regulator	1	Acre	5.00	5.00	
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	28.00	28.00	
Machinery Repairs	1	Acre	33.00	33.00	
Labor	1	Acre	46.00	46.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	0.00	
Irrigation Repairs	0	Acre	10.00	0.00	
Irrigation Labor	0	Acre	5.00	0.00	
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%	13.40	
Total Variable		Acre		\$ 460.10	
Fixed Machinery Cost	1	Acre	127.00	127.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	86.00	0.00	
Total (Excluding Land)		Acre		\$ 590.10	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 752.10	

**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
480	\$0.959	\$1.229	\$1.567	900	\$0.511	\$0.656	\$0.836
540	\$0.852	\$1.093	\$1.393	960	\$0.479	\$0.615	\$0.783
600	\$0.767	\$0.984	\$1.254	1020	\$0.451	\$0.579	\$0.737
660	\$0.697	\$0.894	\$1.140	1080	\$0.426	\$0.546	\$0.696
720	\$0.639	\$0.820	\$1.045	1140	\$0.404	\$0.518	\$0.660
780	\$0.590	\$0.757	\$0.964	1200	\$0.383	\$0.492	\$0.627
840	\$0.548	\$0.703	\$0.895	1260	\$0.365	\$0.468	\$0.597