

**University of Missouri Extension Southeast Missouri Crop Budget
2017 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 | 0.34 | 27.20 | |
| Phosphate | 40 | Pounds | 0.33 | 13.20 | |
| Potash | 35 | Pounds | 0.25 | 8.75 | |
| 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 | 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 | 22.00 | 22.00 | |
| Machinery Repairs | 1 | Acre | 32.00 | 32.00 | |
| Labor | 1 | Acre | 46.00 | 46.00 | |
| Irrigation Fuel (Acre Inches) | 0 | Acre | 2.00 | 0.00 | |
| Irrigation Repairs | 0 | Acre | 10.00 | 0.00 | |
| Irrigation Labor | 0 | Acre | 4.00 | 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% | 12.98 | |
| Total Variable | | Acre | | \$ 445.63 | |
| Fixed Machinery Cost | 1 | Acre | 117.00 | 117.00 | |
| Fixed Buildings & Bins Cost | 1 | Acre | 3.00 | 3.00 | |
| Fixed Irrigation Cost | 0 | Acre | 77.00 | 0.00 | |
| Total (Excluding Land) | | Acre | | \$ 565.63 | |
| Land Real Estate Taxes | 1 | Acre | 0.20% | 12.00 | |
| Land Interest | 6000 | Acre | 2.50% | 150.00 | |
| Total Cost | | Acre | | \$ 727.63 | |

**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 | \$0.928 | \$1.178 | \$1.516 | 900 | \$0.495 | \$0.628 | \$0.808 |
| 540 | \$0.825 | \$1.047 | \$1.347 | 960 | \$0.464 | \$0.589 | \$0.758 |
| 600 | \$0.743 | \$0.943 | \$1.213 | 1020 | \$0.437 | \$0.555 | \$0.713 |
| 660 | \$0.675 | \$0.857 | \$1.102 | 1080 | \$0.413 | \$0.524 | \$0.674 |
| 720 | \$0.619 | \$0.786 | \$1.011 | 1140 | \$0.391 | \$0.496 | \$0.638 |
| 780 | \$0.571 | \$0.725 | \$0.933 | 1200 | \$0.371 | \$0.471 | \$0.606 |
| 840 | \$0.531 | \$0.673 | \$0.866 | 1260 | \$0.354 | \$0.449 | \$0.577 |