

University of Missouri Extension Southeast Missouri Crop Budget 2021 Stacked Gene Cotton Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	130.00	130.00	
Nitrogen	80	Pounds	0.32	25.60	
Phosphate	40	Pounds	0.41	16.40	
Potash	45	Pounds	0.23	10.35	
Limestone	0.5	Tons	30.00	15.00	
Sulfur	0	Pounds	0.00	0.00	
Boron	1	Pounds	6.00	6.00	
Pre-Emerge	1	Acre	20.00	20.00	
Post-Emerge	1	Acre	45.00	45.00	
Post-Emerge - Layby	0	Acre	0.00	0.00	
Insecticide	1	Acre	45.00	45.00	
Boll Weevil Eradication	0	Acre	5.00	0.00	
Growth Regulator	1	Acre	6.00	6.00	
Defoliation	1	Acre	20.00	20.00	
Ginning (changes with Yield)	0	Pounds	0.00	0.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	23.00	23.00	
Machinery Repairs	1	Acre	35.00	35.00	
Labor	1	Acre	46.00	46.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.10	0.00	
Irrigation Repairs	0	Acre	12.00	0.00	
Irrigation Labor	0	Acre	5.00	0.00	
Scout	1	Acre	8.00	8.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	17.25	
Total Variable		Acre		\$ 510.10	
Fixed Machinery Cost	1	Acre	126.00	126.00	
Fixed Buildings & Bins Cost	1	Acre	4.00	4.00	
Fixed Irrigation Cost	0	Acre	82.00	0.00	
Total (Excluding Land)		Acre		\$ 640.10	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 811.20	

**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	\$1.063	\$1.334	\$1.690	900	\$0.567	\$0.711	\$0.901
540	\$0.945	\$1.185	\$1.502	960	\$0.531	\$0.667	\$0.845
600	\$0.850	\$1.067	\$1.352	1020	\$0.500	\$0.628	\$0.795
660	\$0.773	\$0.970	\$1.229	1080	\$0.472	\$0.593	\$0.751
720	\$0.708	\$0.889	\$1.127	1140	\$0.447	\$0.561	\$0.712
780	\$0.654	\$0.821	\$1.040	1200	\$0.425	\$0.533	\$0.676
840	\$0.607	\$0.762	\$0.966	1260	\$0.405	\$0.508	\$0.644