

University of Missouri Extension Southeast Missouri Crop Budget 2021 Center Pivot Irrigated Stacked Gene Cotton

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	140.00	140.00	
Nitrogen	100	Pounds	0.32	32.00	
Phosphate	50	Pounds	0.41	20.50	
Potash	55	Pounds	0.23	12.65	
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	2	Acre	6.00	12.00	
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)	9	Acre	2.10	18.90	
Irrigation Repairs	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	5.00	5.00	
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%	19.51	
Total Variable		Acre		\$ 577.06	
Fixed Machinery Cost	1	Acre	126.00	126.00	
Fixed Buildings & Bins Cost	1	Acre	4.00	4.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
Total (Excluding Land)		Acre		\$ 789.06	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 960.16	

**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	\$0.801	\$1.096	\$1.334	1140	\$0.506	\$0.692	\$0.842
780	\$0.740	\$1.012	\$1.231	1200	\$0.481	\$0.658	\$0.800
840	\$0.687	\$0.939	\$1.143	1260	\$0.458	\$0.626	\$0.762
900	\$0.641	\$0.877	\$1.067	1320	\$0.437	\$0.598	\$0.727
960	\$0.601	\$0.822	\$1.000	1380	\$0.418	\$0.572	\$0.696
1020	\$0.566	\$0.774	\$0.941	1440	\$0.401	\$0.548	\$0.667
1080	\$0.534	\$0.731	\$0.889	1500	\$0.385	\$0.526	\$0.640