

University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irr. Bollgard II/R. R. Flex Cotton

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed**	1	Acre	99.00	99.00	
Nitrogen	80	Pounds	0.44	35.20	
Phosphate	40	Pounds	0.65	26.00	
Potash	35	Pounds	0.70	24.50	
Limestone	0.5	Tons	25.00	12.50	
Sulfur	0	Pounds	0.00	-	
Boron	1	Pounds	3.50	3.50	
Early - Post with Residual	0.5	Acre	22.00	11.00	
Post-Emerge - Glyphosate	2	Acre	10.00	20.00	
Post-Emerge - Layby	1	Acre	15.00	15.00	
Insecticide	1	Acre	30.00	30.00	
Boll Weevil Eradication	1	Acre	5.00	5.00	
Growth Regulator	2	Acre	4.00	8.00	
Defoliation	1	Acre	14.00	14.00	
Ginning (changes with Yield)	0	Pounds	0.00	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	32.00	32.00	
Machinery Repairs	1	Acre	24.00	24.00	
Irrigation Fuel (Acre Inches)	9	Acre	2.50	22.50	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	33.00	33.00	
Scout	1	Acre	8.00	8.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 462.20	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	18.49	
Total Variable		Acre		\$ 480.69	
Fixed Machinery Cost	1	Acre	98.00	98.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 648.69	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 776.23	

**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	\$0.668	\$0.901	\$1.078	1140	\$0.422	\$0.569	\$0.681
780	\$0.616	\$0.832	\$0.995	1200	\$0.401	\$0.541	\$0.647
840	\$0.572	\$0.772	\$0.924	1260	\$0.381	\$0.515	\$0.616
900	\$0.534	\$0.721	\$0.862	1320	\$0.364	\$0.491	\$0.588
960	\$0.501	\$0.676	\$0.809	1380	\$0.348	\$0.470	\$0.562
1020	\$0.471	\$0.636	\$0.761	1440	\$0.334	\$0.450	\$0.539
1080	\$0.445	\$0.601	\$0.719	1500	\$0.320	\$0.432	\$0.517