

Pest	Missouri		Cost of 1 applic	cost/ acre	Cotton Insect Losses ♦ 2004		
	acres infested	acres treated			# insect appls	% red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	264,534	76,230	0.257	\$12.13	\$3.12	0.93	9,672
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	38,115	0	0.000	N/A	\$0.00	0.00	0
Lygus	385,000	385,000	3.300	\$7.20	\$23.76	3.68	38,372
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	148,649	28,028	0.102	\$13.00	\$1.32	0.19	2,013
Thrips	385,000	207,258	0.538	\$4.00	\$2.15	1.05	10,948
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	49,550	0	0.000	N/A	\$0.00	0.00	0
European Comborer	762	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	243,795	53,361	0.139	\$7.50	\$1.04	0.00	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	3,850	0	0.000	N/A	\$0.00	0.00	0
Aphids	202,048	8,008	0.021	\$7.50	\$0.16	0.00	0
Banded Winged Whitefly	22,869	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	120,467	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	5.85
Total Acres	385,000
Total Bales lost	61,005
Bales lost in dollars	\$17,569,464

Est. yield/acre	1,108
Spray applications	4.357
Cost + loss	\$46,575,681
Cost + loss/acre	\$120.98

	Cost/ Acre
Foliar insecticide	\$31.56
At planting	\$9.04
Bt use fees	\$17.15
Eradication	\$12.50
Scouting	\$5.10
Total	\$75.34