

**Table 16. Missouri Summary**

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	375000	264600	1.764	\$7.21	\$12.72	1.420	11140
Bollworm/budworm	370,838	241,163	0.913	\$8.25	\$7.53	0.732	5741
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	41,775	6,930	0.003	\$7.00	\$0.02	0.000	0
Lygus	375,000	189,675	0.577	\$7.00	\$4.04	0.819	6425
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	185,513	42,256	0.121	\$10.33	\$1.25	0.208	1630
Thrips, early season	375,000	73,913	0.170	\$3.04	\$0.52	0.253	1985
Beet Armyworm	10,163	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	29,850	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	12,225	3,000	0.001	\$7.00	\$0.01	0.000	0
Stink Bugs	41,775	4,163	0.002	\$6.00	\$0.01	0.017	130
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	243,713	113,213	0.302	\$7.50	\$2.26	0.450	3533
Bandedwinged Whitefly	9,150	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	41,775	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	97,500	32,663	0.062	\$3.70	\$0.23	0.111	871
Percent Lost	4.01		Est. yield/acre	525			Cost/ Acre
						Foliar insecticide	\$28.58
Total Acres	375,000		Spray applications	3.913		At planting	\$9.16
						Bt use fees	\$0.45
			Cost + loss	\$25,056,179		Eradication	\$0.00
Total Bales lost	31,455					Scouting	\$4.47
Bales lost in dollars	\$9,059,134		Cost + loss/acre	\$66.82		Total	\$42.66