

Table 17. Missouri Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	311,200	298,400	2.984	\$6.82	\$20.35	3.734	32,116
Bollworm/budworm	347,600	301,600	0.905	\$8.34	\$7.55	1.469	12,630
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	51,200	10,400	0.026	\$7.00	\$0.18	0.000	0
Lygus	352,400	106,000	0.292	\$6.43	\$1.87	0.546	4,697
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	98,400	28,800	0.072	\$11.90	\$0.86	0.106	910
Thrips, early season	400,000	137,000	0.343	\$4.46	\$1.53	1.230	10,578
Beet Armyworm	8,830	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	41,200	1,600	0.004	\$11.00	\$0.04	0.010	89
European Corn Borer	36,000	800	0.002	\$10.00	\$0.02	0.009	77
Stink Bugs	61,600	3,600	0.009	\$4.00	\$0.04	0.000	0
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	280,000	221,600	0.609	\$6.89	\$4.20	0.574	4,936
Bandedwinged Whitefly	130,000	69,200	0.173	\$5.00	\$0.87	0.023	196
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	39,200	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	61,607	10,268	0.026	\$5.00	\$0.13	0.000	0
Cutworms	79,200	21,200	0.053	\$5.73	\$0.30	0.044	375
Percent Lost	7.74		Est. yield/acre	731			Cost/ Acre
						Foliar insecticide	\$37.93
Total Acres	400,000		Spray applications	5.497		At planting	\$8.57
						Bt use fees	\$5.05
			Cost + loss	\$41,623,025		Eradication	\$0.00
Total Bales lost	66,604					Scouting	\$4.55
Bales lost in dollars	\$19,181,875		Cost + loss/acre	\$104.06		Total	\$56.10