

Table 19

North Carolina Summary

Cotton Insect Losses 2007

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	495,000	220,000	0.288	\$7.42	\$2.14	1.03	10,648
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	495,000	0	0.000	N/A	0.00	0.00	0
Lygus	495,000	14,600	0.029	\$7.25	\$0.21	0.10	1,029
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	105,000	11,460	0.023	\$13.50	\$0.31	0.00	0
Thrips	495,000	386,000	1.092	\$4.50	\$4.91	1.50	15,438
Beet Armyworm	79,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	42,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	1,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	495,000	204,000	0.165	\$7.49	\$1.24	0.20	2,058
Grasshoppers	93,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	495,000	7,600	0.015	\$11.50	\$0.18	0.00	0
Banded Winged Whitefly	0	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	5,000	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	51,500	4,300	0.009	\$4.50	\$0.04	0.00	0

Percent Lost	2.83
Total Acres	495,000
Total Bales lost	29,173
Bales lost in dollars	\$8,401,800

Est. yield/acre	579
Spray applications	1.622
Cost + loss	\$29,879,610
Cost + loss/acre	\$60.36

	Cost/Acre
Foliar insecticide	\$9.03
At planting	\$12.50
Bt use fees	\$12.95
Eradication	\$2.50
Scouting	\$6.40
Total	\$43.39

