

Table 19

Pest	North Carolina Summary				Cotton Insect Losses ♦ 2004		
	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	722,000	696,000	0.803	\$8.00	\$6.43	3.22	36,113
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	722,000	0	0.000	N/A	0.00	0.00	0
Lygus	722,000	65,000	0.090	\$6.50	\$0.59	0.93	10,473
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	52,000	200	0.000	\$13.00	\$0.00	0.00	0
Thrips	722,000	299,000	0.456	\$5.05	\$2.30	0.10	1,121
Beet Armyworm	72,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	270,000	11,000	0.015	\$8.50	\$0.13	0.00	43
European Comborer	361,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	722,000	708,000	0.670	\$8.16	\$5.47	6.38	71,481
Grasshoppers	385,000	120	0.000	\$8.00	\$0.00	0.00	0
Saltmarsh Caterpillars	480,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	722,000	86,600	0.120	\$10.00	\$1.20	0.00	0
Banded Winged Whitefly	361,000	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	24,000	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	296,000	14,800	0.020	\$4.00	\$0.08	0.00	0

Percent Lost	10.64
Total Acres	722,000
Total Bales lost	119,230
Bales lost in dollars	\$34,338,211

Est. yield/acre	745
Spray applications	2.175
Cost + loss	\$69,297,956
Cost + loss/acre	\$95.98

	Cost/ Acre
Foliar insecticide	\$16.20
At planting	\$11.12
Bt use fees	\$16.20
Eradication	\$3.75
Scouting	\$1.15
Total	\$48.42