

Table 15a

Pest	Louisiana Bt			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	30875	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	271,700	138,948	0.450	\$8.50	\$3.83	0.35	3,025
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	11,733	6,175	0.000	N/A	0.00	0.00	0
Lygus	293,314	271,700	3.784	\$8.17	\$30.92	3.61	31,023
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	108,061	46,317	0.150	\$18.52	\$2.78	0.03	301
Thrips	284,050	154,375	0.500	\$4.06	\$2.03	0.09	791
Beet Armyworm	9,261	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	67,925	18,525	0.042	\$8.63	\$0.36	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	185,250	46,314	0.180	\$8.21	\$1.48	0.12	1,031
Grasshoppers	6,175	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	3,088	0	0.000	N/A	\$0.00	0.00	0
Aphids	123,500	30,875	0.070	\$8.31	\$0.58	0.04	344
Banded Winged Whitefly	46,314	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	77,188	15,436	0.010	\$9.76	\$0.10	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Slugs	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	37,168	80,267	0.026	\$1.76	\$0.05	0.00	0

Percent Lost	4.25
Total Acres	308,750
Total Bales lost	36,514
Bales lost in dollars	\$10,516,065

Est. yield/acre	1,022
Spray applications	5.212
Cost + loss	\$34,794,844
Cost + loss/acre	\$112.70

	Cost/Acre
Foliar insecticide	\$42.11
At planting	\$9.19
Bt use fees	\$12.50
Eradication	\$6.00
Scouting	\$8.84
Total	\$78.64

