

Table 15a Louisiana Bt Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	251456	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	260,862	163,451	0.242	\$7.35	\$1.78	0.10	1,522
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	13,190	0	0.000	N/A	0.00	0.00	0
Lygus	520,000	425,198	3.150	\$9.25	\$29.13	1.16	18,200
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	396,780	221,099	0.737	\$21.56	\$15.89	0.73	11,573
Thrips	520,000	398,118	0.590	\$3.61	\$2.13	0.19	3,033
Beet Armyworm	42,984	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	338,125	158,910	0.353	\$11.25	\$3.97	0.50	7,890
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	293,045	78,334	0.116	\$7.42	\$0.86	0.16	2,564
Grasshoppers	285,112	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	136,335	0	0.000	N/A	\$0.00	0.00	0
Aphids	520,000	376,335	0.697	\$9.36	\$6.52	0.10	1,517
Banded Winged Whitefly	142,335	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	439,667	121,456	0.112	\$12.35	\$1.39	0.08	1,282
Southern Armyworms	43,227	0	0.000	N/A	\$0.00	0.00	0
Slugs	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	425,991	0.789	\$3.30	\$2.60	0.00	0
Percent Lost	3.02		Est. yield/acre	925			Cost/ Acre
						Foliar insecticide	\$64.28

Total Acres	540,000	Spray applications	6.786	At planting	\$8.19
				Bt use fees	\$12.04
		Cost + loss	\$69,707,819	Eradication	\$10.00
Total Bales lost	47,581			Scouting	\$9.21
Bales lost in dollars	\$13,703,194	Cost + loss/acre	\$129.09	Total	\$103.71