

Table 14. Louisiana Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	484,462	462,398	2.942	\$8.83	\$25.96	1.054	12051
Bollworm/budworm	559,715	407,267	1.203	\$13.53	\$16.28	0.781	8927
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	134,504	52,925	0.031	\$7.34	\$0.23	0.018	206
Lygus	515,750	387,601	1.198	\$9.22	\$11.05	0.738	8437
Cotton Leafperforator	42,593	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	307,728	166,042	0.253	\$13.17	\$3.34	0.099	1129
Thrips, early season	564,124	381,469	0.841	\$6.41	\$5.39	0.290	3317
Beet Armyworm	86,312	14,602	0.016	\$13.78	\$0.22	0.010	114
Fall Armyworm	19,265	0	0.000	N/A	\$0.00	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	50,634	12,011	0.012	\$8.31	\$0.10	0.011	122
Grasshoppers	12,639	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	93,823	0	0.000	N/A	\$0.00	0.000	0
Aphids	435,113	292,969	0.498	\$10.82	\$5.39	0.167	1913
Bandedwinged Whitefly	203,908	91,465	0.141	\$10.07	\$1.42	0.025	284
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	267,276	100,455	0.122	\$12.23	\$1.49	0.040	452
Cabbage Loopers	159,372	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	197,878	0	0.000	N/A	\$0.00	0.000	0
Cutworms	177,352	201,490	0.262	\$5.26	\$1.38	0.001	10
Percent Lost	3.23		Est. yield/acre	700			Cost/ Acre
						Foliar insecticide	\$72.25
Total Acres	608,273		Spray applications	7.520		At planting	\$5.14
						Bt use fees	\$18.45
			Cost + loss	\$80,446,934		Eradication	\$12.50
Total Bales lost	36,962					Scouting	\$6.42
Bales lost in dollars	\$10,644,923		Cost + loss/acre	\$132.25		Total	\$114.75

Table 14a. Louisiana Conventional Cotton Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	188870	175866	2.707	\$8.91	\$24.12	1.02	4466
Bollworm/budworm	219,756	190,548	1.804	\$14.83	\$26.76	1.01	4406
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	51,142	20,123	0.033	\$7.36	\$0.24	0.02	97
Lygus	199,058	148,758	1.106	\$9.27	\$10.26	0.65	2862
Cotton Leafperforator	14,713	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	118,938	61,651	0.248	\$13.17	\$3.26	0.10	450
Thrips, early season	212,594	143,304	0.812	\$6.35	\$5.15	0.32	1408
Beet Armyworm	39,201	8,882	0.030	\$13.78	\$0.42	0.01	52
Fall Armyworm	7,325	0	0.000	N/A	\$0.00	0.00	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	18,956	4,567	0.012	\$8.31	\$0.10	0.03	122
Grasshoppers	4,806	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	35,822	0	0.000	N/A	\$0.00	0.00	0
Aphids	165,440	109,912	0.494	\$10.91	\$5.39	0.17	751
Bandedwinged Whitefly	83,043	39,583	0.161	\$9.96	\$1.60	0.03	126
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	102,943	38,170	0.122	\$12.23	\$1.49	0.04	175
Cabbage Loopers	62,079	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	70,004	0	0.000	N/A	\$0.00	0.00	0
Cutworms	71,845	80,458	0.275	\$5.26	\$1.45	0.00	5
Percent Lost	3.41		Est. yield/acre	712			Cost/ Acre
						Foliar insecticide	\$80.25

Total Acres	231,280		Spray applications	7.805		At planting	\$5.17
						Bt use fees	\$0.00
			Cost + loss	\$28,427,806		Eradication	\$12.50
Total Bales lost	14,919					Scouting	\$6.42
Bales lost in dollars	\$4,296,783		Cost + loss/acre	\$122.92		Total	\$104.34

Table 14b. Louisiana Bt Cotton Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	295592	286532	3.086	\$8.78	\$27.09	1.07	7585
Bollworm/budworm	339,959	216,719	0.834	\$11.81	\$9.84	0.64	4521
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	83,362	32,802	0.030	\$7.32	\$0.22	0.02	109
Lygus	316,692	238,843	1.254	\$9.20	\$11.54	0.79	5575
Cotton Leafperforator	27,880	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	188,790	104,391	0.257	\$13.17	\$3.38	0.10	679
Thrips, early season	351,530	238,165	0.859	\$6.45	\$5.54	0.27	1909
Beet Armyworm	47,111	5,720	0.007	\$13.78	\$0.09	0.01	62
Fall Armyworm	11,940	0	0.000	N/A	\$0.00	0.00	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	31,678	7,444	0.012	\$8.31	\$0.10	0.00	0
Grasshoppers	7,833	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	58,001	0	0.000	N/A	\$0.00	0.00	0
Aphids	269,673	183,057	0.500	\$10.76	\$5.38	0.16	1162
Bandedwinged Whitefly	120,865	51,882	0.129	\$10.16	\$1.31	0.02	158
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	164,333	62,285	0.122	\$12.23	\$1.50	0.04	277
Cabbage Loopers	97,293	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	127,874	0	0.000	N/A	\$0.00	0.00	0
Cutworms	105,507	121,032	0.254	\$5.26	\$1.33	0.00	5
Percent Lost	3.12		Est. yield/acre	692			Cost/ Acre
						Foliar insecticide	\$67.35
Total Acres	376,993		Spray applications	7.345		At planting	\$5.12
						Bt use fees	\$29.76
			Cost + loss	\$52,019,127		Eradication	\$12.50
Total Bales lost	22,042					Scouting	\$6.42
Bales lost in dollars	\$6,348,140		Cost + loss/acre	\$137.98		Total	\$121.15