

Table 15. Louisiana Summary

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	0.000	0
Bollworm/budworm	755,044	566,848	1.178	\$11.15	\$13.14	1.501	26699
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	211,503	22,950	0.005	\$8.41	0.04	0.001	16
Lygus	747,711	640,422	2.305	\$7.71	\$17.78	1.448	25746
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	109,839	23,032	0.016	\$12.91	\$0.21	0.000	6
Thrips, early season	765,136	292,459	0.273	\$5.25	\$1.43	0.259	4610
Beet Armyworm	148,363	28,548	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	87,224	6,587	0.003	\$13.41	\$0.04	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	700,467	599,901	1.472	\$8.08	\$11.90	1.490	26490
Gras hoppers	210,196	2,853	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	260,727	50,095	0.000	N/A	\$0.00	0.000	0
Aphids	573,673	200,212	0.164	\$8.74	\$1.43	0.064	1141
Bandedwinged Whitefly	207,628	3,484	0.000	\$12.91	\$0.00	0.000	3
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	359,775	147,461	0.104	\$11.41	\$1.18	0.033	589
Cabbage Loopers	38,633	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	250,634	3,149	0.000	\$9.71	\$0.00	0.002	34
Cutworms	285,952	42,661	0.019	\$6.41	\$0.12	0.001	11
Percent Lost	4.80		Est. yield/acre	600			Cost/ Acre
						Foliar insecticide	\$47.29
Total Acres	856,000		Spray applications	5.540		At planting	\$8.46
						Bt use fees	\$24.08
			Cost + loss	\$131,257,495		Eradication	\$35.00
Total Bales lost	85,344					Scouting	\$9.79
Bales lost in dollars	\$24,579,188		Cost + loss/acre	\$153.34		Total	\$124.62

Table 15a. Louisiana Conventional Cotton Summary

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	0.000	0
Bollworm/budworm	142,002	113,210	2.292	\$14.34	\$32.87	2.918	9891
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	39,112	4,244	0.004	\$8.41	0.04	0.001	3
Lygus	138,272	118,432	2.180	\$7.71	\$16.81	1.247	4226
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	21,978	5,092	0.019	\$12.91	\$0.24	0.000	1
Thrips, early season	141,495	52,418	0.257	\$5.25	\$1.35	0.252	853
Beet Armyworm	27,436	5,279	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	15,012	1,693	0.004	\$13.41	\$0.06	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	129,536	110,938	1.429	\$7.71	\$11.02	1.518	5144
Gras hoppers	38,038	527	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	49,048	9,261	0.000	N/A	\$0.00	0.000	0
Aphids	106,088	37,024	0.159	\$8.74	\$1.39	0.059	199
Bandedwinged Whitefly	38,396	644	0.000	\$12.91	\$0.00	0.001	3
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0

Soybean Loopers	64,866	27,270	0.102	\$11.41	\$1.16	0.031	105
Cabbage Loopers	7,144	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	46,349	582	0.000	\$9.71	\$0.00	0.005	17
Cutworms	52,880	7,889	0.018	\$6.41	\$0.12	0.000	1
Percent Lost 6.03							
Est. yield/acre 589							
Total Acres 163,000							
Spray applications 6.465							
Cost + loss \$24,857,526							
Total Bales lost 20,444							
Bales lost in dollars \$5,887,744							
Cost + loss/acre \$152.50							
Foliar insecticide \$65.05							
At planting \$6.96							
Bt use fees \$0.00							
Eradication \$35.00							
Scouting \$9.37							
Total \$116.38							

Table 15b. Louisiana Bt-Cotton Summary

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	0.000	0
Bollworm/budworm	613,042	453,638	0.916	\$9.28	\$8.50	1.168	16808
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	172,391	18,706	0.005	\$8.41	0.05	0.001	13
Lygus	609,439	521,990	2.335	\$7.71	\$18.00	1.495	21520
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	87,861	17,940	0.016	\$12.91	\$0.20	0.000	5
Thrips, early season	623,641	240,041	0.277	\$5.25	\$1.45	0.261	3757
Beet Armyworm	120,927	23,269	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	72,212	4,894	0.003	\$13.41	\$0.04	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	570,931	488,963	1.482	\$8.17	\$12.11	1.483	21346
Gras hoppers	172,158	2,326	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	211,679	40,834	0.000	N/A	\$0.00	0.000	0
Aphids	467,585	163,188	0.165	\$8.74	\$1.44	0.065	942
Bandedwinged Whitefly	169,232	2,840	0.000	\$12.91	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	294,909	120,191	0.104	\$11.41	\$1.19	0.034	484
Cabbage Loopers	31,489	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	204,285	2,567	0.000	\$9.71	\$0.00	0.001	17
Cutworms	233,072	34,772	0.019	\$6.41	\$0.12	0.001	10
Percent Lost 4.51							
Est. yield/acre 602							
Total Acres 693,000							
Spray applications 5.323							
Cost + loss \$106,399,969							
Total Bales lost 64,901							
Bales lost in dollars \$18,691,444							
Cost + loss/acre \$153.54							
Foliar insecticide \$43.11							
At planting \$8.81							
Bt use fees \$29.75							
Eradication \$35.00							
Scouting \$9.90							
Total \$126.56							