

Table 7

Pest	Summary of all States				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	612393	70193	0.007	\$8.75	\$0.06	0.01	3,190
Bollworm/Budworm	6,704,830	2,586,890	0.301	\$9.09	\$2.73	0.91	229,186
Pink Bollworm	94,369	4,830	0.004	\$2.79	\$0.01	0.00	169
Cotton Fleahopper	5,258,805	2,278,687	0.296	\$7.66	2.27	0.48	119,745
Lygus	5,429,167	3,146,726	0.900	\$9.79	\$8.81	0.68	171,478
Cotton Leaf Perforator	54,852	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	3,293,087	1,351,688	0.162	\$18.27	\$2.96	0.24	60,720
Thrips	9,595,718	4,624,579	0.485	\$7.65	\$3.71	0.58	145,040
Beet Armyworm	731,852	10,222	0.001	\$16.89	\$0.01	0.00	1,104
Fall Armyworm	1,764,045	309,660	0.031	\$10.40	\$0.33	0.05	12,071
European Cornborer	10,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	4,833,869	2,049,652	0.293	\$8.27	\$2.42	0.27	68,823
Grasshoppers	850,452	25,628	0.002	\$12.33	\$0.03	0.00	127
Saltmarsh Caterpillars	706,734	48,583	0.005	\$11.71	\$0.05	0.00	237
Aphids	6,806,780	2,027,696	0.203	\$12.30	\$2.49	0.32	80,418
Banded Winged Whitefly	370,537	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	691,388	293,176	0.025	\$26.66	\$0.67	0.06	14,817
Loopers	804,017	25,833	0.001	\$9.41	\$0.01	0.00	131
Southern Armyworms	3,150	750	0.000	\$0.02	\$0.00	0.00	17
Other Insects	46,138	7,580	0.001	\$9.40	\$0.01	0.00	694
Cutworms	662,695	871,956	0.074	\$4.31	\$0.32	0.00	468

Percent Lost	3.62
Total Acres	10,750,975
Total Bales lost	908,436
Bales lost in dollars	\$261,629,478

Est. yield/acre	789
Spray applications	2.790
Cost + loss	\$876,883,304
Cost + loss/acre	\$81.56

	Cost/ Acre
Foliar insecticide	\$26.90
At planting	\$7.57
Bt use fees	\$10.41
Eradication*	\$8.02
Scouting	\$4.34
Total	\$57.23

*Eradication - PBW (\$0.35) + Boll Weevil (\$7.66) = \$8.02

