

Table 23. Texas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	3,790,178	2,175,670	1.840	\$7.18	\$13.20	7.347	729,894
Bollworm/budworm	4,403,612	1,125,957	0.203	\$10.74	\$2.18	0.940	93,397
Pink Bollworm	311,000	16,700	0.007	\$9.34	\$0.07	0.057	5,672
Cotton Fleahopper	4,381,612	901,500	0.179	\$5.30	\$0.95	0.400	39,701
Lygus	1,227,000	178,400	0.033	\$8.29	\$0.27	0.108	10,748
Cotton Leafperforator	390,000	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	431,500	29,800	0.009	\$9.87	\$0.09	0.057	5,685
Thrips, early season	4,644,612	738,800	0.146	\$5.76	\$0.84	0.503	50,009
Beet Armyworm	4,176,034	2,471,200	0.797	\$14.48	\$11.54	6.158	611,698
Fall Armyworm	134,877	7,800	0.001	\$7.09	\$0.01	0.001	88
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	270,745	40,330	0.007	\$6.81	\$0.05	0.018	1,758
Grasshoppers	210,000	49,000	0.010	\$6.84	\$0.07	0.023	2,283
Salt-marsh Caterpillars	199,800	1,500	0.000	\$6.70	\$0.00	0.000	0
Aphids	4,395,262	1,847,485	0.428	\$7.73	\$3.31	0.519	51,545
Bandedwinged Whitefly	1,143,700	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	253,600	7,640	0.001	\$16.15	\$0.02	0.002	226
Soybean Loopers	48,300	800	0.000	\$10.75	\$0.00	0.000	0
Cabbage Loopers	2,308,720	301,400	0.055	\$12.74	\$0.70	0.061	6,099
Western Flower Thrips	3,602,330	1,000	0.000	\$4.90	\$0.00	0.000	10
Cutworms	189,000	35,000	0.006	\$7.87	\$0.05	0.002	175
Percent Lost	16.20		Est. yield/acre	377			Cost/Acre
						Foliar insecticide	\$33.35
Total Acres	5,486,612		Spray applications	3.724		At planting	\$2.06
						Bt use fees	\$2.47
			Cost + loss	\$722,764,741		Eradication	\$7.69
Total Bales lost	1,608,986					Scouting	\$1.71
Bales lost in dollars	\$463,387,962		Cost + loss/acre	\$131.73		Total	\$47.27

Table 23a. Texas - Upper Coastal Bend

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	258,275	250,000	5.808	\$6.26	\$36.36	7.000	37,665
Bollworm/budworm	258,275	103,310	0.400	\$9.90	\$3.96	1.000	5,381
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	258,275	200,000	0.774	\$4.76	\$3.69	0.000	0
Lygus	200,000	70,000	0.271	\$8.15	\$2.21	0.774	4,167
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	258,275	120,000	0.697	\$6.50	\$4.53	3.000	16,142
Beet Armyworm	50,000	0	0.000	N/A	\$0.00	0.000	0

Fall Armyworm	46,490	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	82,645	21,000	0.081	\$6.70	\$0.54	0.320	1,722
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	25,800	500	0.002	\$6.70	\$0.01	0.000	0
Aphids	258,275	129,138	0.500	\$7.00	\$3.50	1.000	5,381
Bandedwinged Whitefly	64,500	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	22,000	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	24,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	280,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	103,000	6,000	0.023	\$6.55	\$0.15	0.000	0
Percent Lost	13.09		Est. yield/acre	625			Cost/ Acre
						Foliar insecticide	\$54.95
Total Acres	258,275		Spray applications	8.557		At planting	\$6.35
						Bt use fees	\$8.30
			Cost + loss	\$39,739,985		Eradication	\$0.00
Total Bales lost	70,457					Scouting	\$5.70
Bales lost in dollars	\$20,291,670		Cost + loss/acre	\$153.87		Total	\$75.30

Table 23b. Texas - Lower Coastal Bend

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	343,203	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	381,337	222,447	0.583	\$9.90	\$5.78	1.000	7,945
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	381,337	286,000	0.750	\$4.76	\$3.57	0.000	0
Lygus	10,000	1,000	0.003	\$8.15	\$0.02	0.000	0
Cotton Leafperforator	25,000	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	200,000	5,000	0.013	\$9.30	\$0.12	0.524	4,167
Thrips, early season	381,337	228,800	0.600	\$6.50	\$3.90	3.000	23,834
Beet Armyworm	152,534	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	53,387	1,800	0.005	\$7.40	\$0.03	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	52,000	18,000	0.047	\$6.70	\$0.32	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	19,500	1,000	0.003	\$6.70	\$0.02	0.000	0
Aphids	381,337	205,922	1.080	\$7.00	\$7.56	4.000	31,778
Bandedwinged Whitefly	12,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	11,000	500	0.001	\$8.20	\$0.01	0.000	0
Cabbage Loopers	15,000	1,000	0.003	\$8.20	\$0.02	0.000	0
Western Flower Thrips	19,830	0	0.000	N/A	\$0.00	0.000	0

Cutworms	46,000	11,000	0.029	\$6.55	\$0.19	0.000	0
Percent Lost	8.52		Est. yield/acre	728			Cost/ Acre
						Foliar insecticide	\$21.54
Total Acres	381,337		Spray applications	3.116		At planting	\$1.27
						Bt use fees	\$2.96
			Cost + loss	\$39,975,748		Eradication	\$23.14
Total Bales lost	67,723					Scouting	\$4.77
Bales lost in dollars	\$19,504,176		Cost + loss/acre	\$104.83		Total	\$53.68

Table 23c. Texas - Northern Rolling Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	280,000	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	60,000	48,000	0.136	\$7.90	\$1.07	0.522	3,000
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	60,000	45,000	0.098	\$4.90	\$0.48	0.078	450
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	10,000	2,000	0.005	\$9.10	\$0.04	0.022	125
Thrips, early season	90,000	30,000	0.072	\$4.10	\$0.29	0.010	56
Beet Armyworm	110,000	80,000	0.209	\$11.68	\$2.44	1.196	6,875
Fall Armyworm	0	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	5,000	500	0.001	\$8.84	\$0.01	0.001	6
Grasshoppers	42,000	28,000	0.067	\$7.30	\$0.49	0.274	1,575
Salt-marsh Caterpillars	2,000	0	0.000	N/A	\$0.00	0.000	0
Aphids	70,000	26,000	0.085	\$7.52	\$0.64	0.076	438
Bandedwinged Whitefly	2,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	2,000	400	0.001	\$15.55	\$0.01	0.001	5
Western Flower Thrips	10,000	1,000	0.002	\$4.90	\$0.01	0.002	10
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	2.18		Est. yield/acre	175			Cost/ Acre
						Foliar insecticide	\$5.49
Total Acres	460,000		Spray applications	0.675		At planting	\$0.19
						Bt use fees	\$1.24
			Cost + loss	\$11,681,440		Eradication	\$10.30
Total Bales lost	12,540					Scouting	\$0.33
Bales lost in dollars	\$3,611,520		Cost + loss/acre	\$25.39		Total	\$17.54

Table 23d. Texas - High Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	1,840,000	1,475,000	2.205	\$7.25	\$15.99	10.698	654,063
Bollworm/budworm	3,010,000	600,000	0.159	\$11.50	\$1.83	1.000	61,141
Pink Bollworm	50,000	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	2,500,000	50,000	0.017	\$5.50	\$0.09	0.415	25,391
Lygus	900,000	50,000	0.017	\$9.75	\$0.16	0.075	4,570
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	100,000	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	3,010,000	225,000	0.075	\$5.00	\$0.37	0.100	6,114
Beet Armyworm	3,010,000	2,317,700	1.386	\$14.50	\$20.10	9.500	580,836
Fall Armyworm	0	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	75,000	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	150,000	0	0.000	N/A	\$0.00	0.000	0
Aphids	3,010,000	1,384,600	0.552	\$8.00	\$4.42	0.200	12,228
Bandedwinged Whitefly	1,000,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	300	300	0.000	\$15.00	\$0.00	0.000	0
Cabbage Loopers	2,000,000	300,000	0.100	\$12.75	\$1.27	0.100	6,094
Western Flower Thrips	3,010,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	22.09		Est. yield/acre	366			Cost/ Acre
						Foliar insecticide	\$44.23
Total Acres	3,010,000		Spray applications	4.510		At planting	\$2.64
						Bt use fees	\$1.84
			Cost + loss	\$555,453,555		Eradication	\$5.18
Total Bales lost	1,350,436					Scouting	\$1.42
Bales lost in dollars	\$388,925,550		Cost + loss/acre	\$184.54		Total	\$55.32

Table 23e. Texas - Far West

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	550,700	6,670	0.010	\$3.00	\$0.03	0.080	630
Bollworm/budworm	103,000	33,200	0.082	\$13.01	\$1.07	0.435	3,416
Pink Bollworm	261,000	16,700	0.056	\$9.34	\$0.52	0.722	5,672
Cotton Fleahopper	563,000	7,500	0.019	\$9.20	\$0.17	0.820	6,439
Lygus	42,000	26,400	0.038	\$8.00	\$0.31	0.141	1,105
Cotton Leafperforator	300,000	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	241,000	30,000	0.044	\$7.00	\$0.31	0.000	0
Beet Armyworm	532,500	30,500	0.089	\$17.90	\$1.59	2.945	23,144

Fall Armyworm	0	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	8,600	830	0.001	\$10.78	\$0.01	0.004	30
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	2,500	0	0.000	N/A	\$0.00	0.000	0
Aphids	46,650	10,825	0.024	\$8.00	\$0.19	0.024	192
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	9,600	2,640	0.004	\$24.00	\$0.09	0.029	226
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	6,720	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	32,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	5.20		Est. yield/acre	176			Cost/ Acre
						Foliar insecticide	\$4.29
Total Acres	687,000		Spray applications	0.366		At planting	\$0.32
						Bt use fees	\$2.89
			Cost + loss	\$22,640,321		Eradication	\$8.04
Total Bales lost	40,854					Scouting	\$0.29
Bales lost in dollars	\$11,765,904		Cost + loss/acre	\$32.96		Total	\$15.83

Table 23f. Texas - Lower Rio Grande Valley

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	244,000	224,000	5.508	\$8.00	\$44.07	3.800	15,453
Bollworm/budworm	244,000	25,000	0.102	\$11.00	\$1.13	0.020	81
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	244,000	180,000	0.738	\$6.15	\$4.54	0.020	81
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	35,000	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	25,000	2,000	0.008	\$8.00	\$0.07	0.000	0
Thrips, early season	244,000	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	220,000	30,000	0.122951	\$14.00	\$1.72	0.036	147
Fall Armyworm	5,000	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	0	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	244,000	70,000	0.287	\$7.00	\$2.01	0.020	81
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	244,000	5,000	0.020	\$12.00	\$0.25	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	244,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	244,000	0	0.000	N/A	\$0.00	0.000	0

Cutworms	10,000	10,000	0.041	\$10.00	\$0.41	0.000	0
Percent Lost	3.90		Est. yield/acre	491			Cost/ Acre
						Foliar insecticide	\$54.18
Total Acres	244,000		Spray applications	6.828		At planting	\$0.00
						Bt use fees	\$0.00
			Cost + loss	\$18,091,172		Eradication	\$0.00
Total Bales lost	15,844					Scouting	\$1.26
Bales lost in dollars	\$4,563,072		Cost + loss/acre	\$74.14		Total	\$55.44

Table 23g. Texas - Southern Rolling Plains

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	165,000	4,000	0.024	\$11.50	\$0.28	1.000	1,818
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	165,000	5,000	0.030	\$7.00	\$0.21	1.000	1,818
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	30,000	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	165,000	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	50,000	3,000	0.018	\$18.00	\$0.33	0.303	551
Fall Armyworm	0	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	32,500	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	65,000	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	165,000	1,000	0.006	\$9.00	\$0.05	0.000	0
Bandedwinged Whitefly	65,200	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	13,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	6,500	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	2.30		Est. yield/acre	200			Cost/ Acre
						Foliar insecticide	\$0.87
Total Acres	165,000		Spray applications	0.079		At planting	\$0.00
						Bt use fees	\$3.53
			Cost + loss	\$9,787,620		Eradication	\$45.33
Total Bales lost	4,188					Scouting	\$2.27
Bales lost in dollars	\$1,206,120		Cost + loss/acre	\$59.32		Total	\$52.01

Table 23h. Texas - Northern Blacklands

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	143,000	110,000	1.100	\$6.50	\$7.15	1.907	2,979
Bollworm/budworm	51,000	20,000	0.133	\$15.00	\$2.00	0.680	1,063
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	110,000	53,000	0.353	\$4.50	\$1.59	0.733	1,146
Lygus	20,000	1,000	0.007	\$6.50	\$0.04	0.067	104
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	1,500	800	0.005	\$14.00	\$0.07	0.005	8
Thrips, early season	135,000	75,000	0.500	\$4.50	\$2.25	1.800	2,813
Beet Armyworm	1,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	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	10,000	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	68,000	11,000	0.110	\$6.50	\$0.72	0.453	708
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	135,000	8,000	0.053	\$7.00	\$0.37	0.450	703
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	6.10		Est. yield/acre	340			Cost/ Acre
						Foliar insecticide	\$14.20
Total Acres	150,000		Spray applications	2.262		At planting	\$4.80
						Bt use fees	\$1.68
						Cost + loss	\$6,294,200
						Eradication	\$0.00
Total Bales lost	9,523					Scouting	\$3.00
Bales lost in dollars	\$2,742,750		Cost + loss/acre	\$41.96		Total	\$23.68

Table 23i. Texas - Southern Blacklands

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	131,000	110,000	3.359	\$7.00	\$23.51	5.000	19,104
Bollworm/budworm	131,000	70,000	1.069	\$9.75	\$10.42	2.500	9,552
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	100,000	75,000	1.145	\$6.00	\$6.87	1.145	4,375
Lygus	55,000	30,000	0.229	\$6.50	\$1.49	0.210	802
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	95,000	20,000	0.305	\$10.00	\$3.05	0.363	1,385
Thrips, early season	120,000	30,000	0.229	\$5.00	\$1.15	0.275	1,050
Beet Armyworm	50,000	10,000	0.076	\$11.00	\$0.84	0.038	146

Fall Armyworm	30,000	6,000	0.046	\$7.00	\$0.32	0.023	88
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	5,000	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	35,000	10,000	0.076	\$6.00	\$0.46	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	85,000	12,000	0.092	\$7.50	\$0.69	0.195	744
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	15,000	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	4,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	30,000	8,000	0.061	\$8.00	\$0.49	0.046	175
Percent Lost	9.79		Est. yield/acre	955			Cost/ Acre
						Foliar insecticide	\$49.28
Total Acres	131,000		Spray applications	6.687		At planting	\$1.43
						Bt use fees	\$10.08
			Cost + loss	\$19,100,700		Eradication	\$0.00
Total Bales lost	37,421					Scouting	\$2.75
Bales lost in dollars	\$10,777,200		Cost + loss/acre	\$145.81		Total	\$63.54