

Table 23. Texas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	831937	458500	0.308	\$7.35	\$2.26	0.27	23,157
Bollworm/budworm	2,189,530	507,837	0.111	\$9.19	\$1.02	0.36	30,273
Pink Bollworm	2,000	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	3,739,593	811,477	0.207	\$4.52	0.94	0.18	14,952
Lygus	1,167,960	115,300	0.030	\$9.29	\$0.28	0.16	13,833
Cotton Leafperforator	80,100	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	300,800	19,200	0.004	\$9.55	\$0.04	0.00	77
Thrips, early season	5,583,530	382,500	0.097	\$5.17	\$0.50	2.00	170,925
Beet Armyworm	2,342,000	95,000	0.022	\$14.15	\$0.31	0.10	8,888
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	283,154	87,850	0.019	\$6.69	\$0.13	0.06	5,462
Gras hoppers	524,271	69,000	0.019	\$7.82	\$0.15	0.05	4,339
Salt-marsh Caterpillars	516,000	12,650	0.003	\$6.97	\$0.02	0.00	0
Aphids	3,065,437	404,200	0.089	\$6.62	\$0.59	0.44	37,687
Bandedwinged Whitefly	2,254,000	30,000	0.008	\$11.92	\$0.10	0.00	83
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	32,900	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	254,537	200	0.000	\$15.40	\$0.00	0.00	20
Western Flower Thrips	254,537	1,000	0.000	\$9.00	\$0.00	0.00	10
Cutworms	127,500	14,500	0.003	\$6.80	\$0.02	0.00	0
Percent Lost	3.63		Est. yield/acre	445			Cost/ Acre
						Foliar insecticide	\$6.35
Total Acres	4,644,530		Spray applications	0.919		At planting	\$1.41
						Bt use fees	\$1.70
			Cost + loss	\$184,341,3 5		Eradication	\$9.05
Total Bales lost	309,707					Scouting	\$1.98
Bales lost in dollars	\$89,195,735		Cost + loss/acre	\$39.69		Total	\$20.49

Table 23a. Texas - Upper Coastal Bend

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	265000	238500	3.150	\$7.24	\$22.81	2.00	13,250
Bollworm/budworm	265,000	185,000	0.698	\$8.87	\$6.19	2.00	13,250
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	265,000	198,750	0.750	\$3.91	2.93	0.00	0
Lygus	265,000	31,800	0.120	\$8.21	\$0.99	0.00	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	25,000	1,000	0.004	\$8.75	\$0.03	0.00	0
Thrips, early season	265,000	132,500	0.750	\$5.44	\$4.08	1.00	6,625
Beet Armyworm	79,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	106,000	66,250	0.250	\$6.67	\$1.67	0.60	3,975
Gras hoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	200,000	2,650	0.010	\$6.97	\$0.07	0.00	0
Aphids	132,500	47,700	0.180	\$6.31	\$1.14	0.50	3,313
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0

Soybean Loopers	7,500	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	7,500	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	11,600	0	0.000	N/A	\$0.00	0.00	0
Cutworms	26,500	3,000	0.011	\$6.43	\$0.07	0.00	0
Percent Lost 6.10							
Est. yield/acre 734							
Foliar insecticide \$39.97							
Total Acres 265,000							
Spray applications 5.923							
At planting \$6.35							
Cost + loss \$27,636,923							
Bt use fees \$8.64							
Total Bales lost 40,413							
Eradication \$0.00							
Bales lost in dollars \$11,638,800							
Scouting \$5.40							
Cost + loss/acre \$104.29							
Total \$60.37							

Table 23b. Texas - Lower Coastal Bend

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	126000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/budworm	449,593	179,837	0.400	\$8.77	\$3.51	1.00	9,835
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	449,593	301,227	0.871	\$3.91	3.41	0.00	0
Lygus	44,960	8,000	0.018	\$8.21	\$0.15	0.00	0
Cotton Leafperforator	15,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	135,000	3,000	0.007	\$8.75	\$0.06	0.00	0
Thrips, early season	449,593	90,000	0.200	\$5.44	\$1.09	0.00	0
Beet Armyworm	25,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	54,000	21,000	0.047	\$6.67	\$0.31	0.12	1,181
Gras hoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	314,000	10,000	0.022	\$6.97	\$0.16	0.00	0
Aphids	390,000	220,000	0.489	\$6.31	\$3.09	2.60	25,594
Bandedwinged Whitefly	24,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	25,400	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	15,600	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	20,000	0	0.000	N/A	\$0.00	0.00	0
Cutworms	51,000	6,500	0.014	\$6.43	\$0.09	0.00	0
Percent Lost 3.72							
Est. yield/acre 587							
Foliar insecticide \$11.85							
Total Acres 449,593							
Spray applications 2.068							
At planting \$1.05							
Cost + loss \$30,421,708							
Bt use fees \$3.37							
Total Bales lost 36,610							
Eradication \$23.14							
Bales lost in dollars \$10,543,636							
Scouting \$4.80							
Cost + loss/acre \$67.66							
Total \$44.21							

Table 23c. Texas - Northern 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	0.00	0
Bollworm/budworm	420,000	50,000	0.106	\$10.25	\$1.08	0.48	3,150
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	520,000	80,000	0.154	\$5.90	0.91	0.50	3,250
Lygus	4,000	0	0.000	N/A	\$0.00	0.00	0

Cotton Leafperforator	15,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	15,000	5,000	0.010	\$9.10	\$0.09	0.01	75
Thrips, early season	200,000	40,000	0.077	\$4.10	\$0.32	0.00	25
Beet Armyworm	80,000	40,000	0.092	\$15.00	\$1.38	0.09	600
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	6,000	600	0.001	\$9.50	\$0.01	0.00	30
Gras hoppers	63,000	28,000	0.059	\$7.00	\$0.41	0.18	1,181
Salt-marsh Caterpillars	2,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	80,000	15,000	0.043	\$8.32	\$0.36	0.05	300
Bandedwinged Whitefly	30,000	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	4,000	200	0.000	\$15.40	\$0.01	0.00	20
Western Flower Thrips	8,000	1,000	0.002	\$9.00	\$0.02	0.00	10
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	1.33		Est. yield/acre	220			Cost/ Acre
						Foliar insecticide	\$4.59
Total Acres	520,000		Spray applications	0.544		At planting	\$0.25
						Bt use fees	\$1.77
			Cost + loss	\$11,410,460		Eradication	\$10.30
Total Bales lost	8,641					Scouting	\$0.25
Bales lost in dollars	\$2,488,680		Cost + loss/acre	\$21.94		Total	\$17.16

Table 23d. Texas - High Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	150000	15000	0.006	\$7.85	\$0.05	0.02	914
Bollworm/budworm	220,000	50,000	0.020	\$10.75	\$0.21	0.02	894
Pink Bollworm	2,000	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	1,650,000	15,000	0.006	\$5.50	0.03	0.13	6,703
Lygus	850,000	75,000	0.038	\$9.75	\$0.38	0.27	13,813
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	25,000	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	3,800,000	85,000	0.034	\$5.00	\$0.17	3.15	162,094
Beet Armyworm	2,040,000	50,000	0.020	\$13.75	\$0.27	0.16	8,288
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	15,000	0	0.000	N/A	\$0.00	0.00	0
Gras hoppers	250,000	20,000	0.008	\$9.00	\$0.07	0.02	1,016
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	2,000,000	60,000	0.024	\$8.00	\$0.19	0.16	8,125
Bandedwinged Whitefly	2,100,000	20,000	0.009	\$12.50	\$0.12	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	3.92		Est. yield/acre	489			Cost/ Acre
						Foliar insecticide	\$1.48
Total Acres	2,535,000		Spray applications	0.164		At planting	\$1.38

					Bt use fees	\$0.55
			Cost + loss	\$91,009,825	Eradication	\$8.00
Total Bales lost	201,845				Scouting	\$1.55
Bales lost in dollars	\$58,131,450		Cost + loss/acre	\$35.90	Total	\$12.97

Table 23e. Texas - Far West

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	110,000	10	0.000	\$5.00	\$0.00	0.00	0
Bollworm/budworm	21,000	1,000	0.004	\$10.00	\$0.04	0.02	100
Pink Bollworm	38,000	16,200	0.073	\$9.44	\$0.69	0.04	225
Cotton Fleahopper	38,000	5,075	0.011	\$6.39	\$0.07	0.09	541
Lygus	2,000	0	0.000	N/A	\$0.00	0.00	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	3,000	80	0.000	\$6.00	\$0.00	0.00	0
Beet Armyworm	2,500	500	0.001	\$12.00	\$0.01	0.00	0
Fall Armyworm	0	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	58,600	0	0.000	N/A	\$0.00	0.06	347
Grasshoppers	50,000	2,000	0.008	\$8.00	\$0.07	0.01	59
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	0	0	0.000	N/A	\$0.00	0.00	0
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	6,600	2,640	0.005	\$24.00	\$0.13	0.01	39
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	0.23		Est. yield/acre	233			Cost/ Acre
						Foliar insecticide	\$1.01
Total Acres	487,500		Spray applications	0.103		At planting	\$0.49
						Bt use fees	\$2.93
			Cost + loss	\$5,801,110		Eradication	\$6.65
Total Bales lost	1,311					Scouting	\$0.04
Bales lost in dollars	\$377,711		Cost + loss/acre	\$11.90		Total	\$11.12

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	214937	150000	2.443	\$7.50	\$18.32	2.40	8,597
Bollworm/budworm	214,937	35,000	0.163	\$8.00	\$1.30	0.30	1,075
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	200,000	150,000	0.698	\$6.00	4.19	0.19	667
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leafperforator	50,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	100,000	10,000	0.047	\$10.00	\$0.47	0.00	0
Thrips, early season	214,937	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	100,000	5,000	0.023	\$10.00	\$0.23	0.00	0
Fall Armyworm	0	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	0	0	0.000	N/A	\$0.00	0.00	0

Gras hoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	214,937	60,000	0.279	\$6.00	\$1.67	0.05	179
Bandedwinged Whitefly	100,000	10,000	0.070	\$11.00	\$0.77	0.02	83
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	214,937	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	214,937	0	0.000	N/A	\$0.00	0.00	0
Cutworms	50,000	5,000	0.023	\$7.50	\$0.17	0.00	0
Percent Lost	2.96		Est. yield/acre	314			Cost/ Acre
						Foliar insecticide	\$27.12
Total Acres	214,937		Spray applications	3.745		At planting	\$1.63
						Bt use fees	\$3.00
			Cost + loss	\$10,867,988		Eradication	\$0.00
Total Bales lost	10,601					Scouting	\$4.61
Bales lost in dollars	\$3,053,168		Cost + loss/acre	\$50.56		Total	\$36.36

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	0.00	0
Bollworm/budworm	600,000	1,000	0.003	\$9.50	\$0.02	0.26	1,653
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	580,000	6,500	0.011	\$7.00	0.08	0.25	1,598
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leafperforator	100	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	580,000	5,000	0.009	\$5.00	\$0.04	0.10	639
Beet Armyworm	17,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	100,154	0	0.000	N/A	\$0.00	0.04	276
Gras hoppers	179,271	13,000	0.045	\$8.50	\$0.38	0.31	1,976
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	180,000	0	0.000	N/A	\$0.00	0.00	0
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	12,500	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	0.96		Est. yield/acre	267			Cost/ Acre
						Foliar insecticide	\$0.53
Total Acres	580,000		Spray applications	0.067		At planting	\$0.00
						Bt use fees	\$1.60
			Cost + loss	\$9,282,750		Eradication	\$10.30
Total Bales lost	6,142					Scouting	\$0.52
Bales lost in dollars	\$1,768,900		Cost + loss/acre	\$16.00		Total	\$12.95

Table 23h. Texas - Northern Blacklands

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
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Boll weevil	76000	55000	0.688	\$7.50	\$5.16	0.48	396
Bollworm/budworm	20,000	7,000	0.088	\$15.00	\$1.31	0.50	417
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	75,000	60,000	1.500	\$4.50	6.75	3.28	2,734
Lygus	4,000	500	0.006	\$6.50	\$0.04	0.03	21
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	800	200	0.003	\$14.00	\$0.04	0.00	2
Thrips, early season	74,000	30,000	0.375	\$4.50	\$1.69	1.85	1,542
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	2,000	0	0.000	N/A	\$0.00	0.00	0
Gras hoppers	32,000	8,000	0.150	\$6.50	\$0.98	0.20	167
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	68,000	1,500	0.019	\$7.00	\$0.13	0.21	177
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	6.55		Est. yield/acre	400			Cost/ Acre
						Foliar insecticide	\$16.09
Total Acres	80,000		Spray applications	2.828		At planting	\$4.88
						Bt use fees	\$2.42
			Cost + loss	\$3,711,65		Eradication	\$0.00
Total Bales lost	5,455					Scouting	\$3.38
Bales lost in dollars	\$1,571,100		Cost + loss/acre	\$46.40		Total	\$26.76

Table 23i. Texas - Southern Blacklands

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	90,000	90,000	1.500	\$8.50	\$12.75	0.40	450
Bollworm/budworm	22,000	14,000	0.233	\$7.50	\$1.75	0.20	220
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	90,000	88,000	2.933	\$5.50	\$16.13	4.60	5,175
Lygus	12,000	2,000	0.022	\$6.00	\$0.13	0.03	30
Cotton Leafperforator	10,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	75,000	40,000	0.444	\$5.00	\$2.22	0.33	375
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Gras hoppers	15,000	10,000	0.089	\$9.00	\$0.80	0.03	38
Salt-marsh Caterpillars	5,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	20,000	3,000	0.033	\$6.00	\$0.20	0.09	100
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0

Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
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Percent Lost	5.68		Est. yield/acre	470			Cost/ Acre
						Foliar insecticide	\$33.99
Total Acres	90,000		Spray applications	5.256		At planting	\$4.00
						Bt use fees	\$6.40
			Cost + loss	\$7,747,100		Eradication	\$19.50
Total Bales lost	6,388					Scouting	\$1.75
Bales lost in dollars	\$1,839,600		Cost + loss/acre	\$86.08		Total	\$65.64