

Texas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	2,847,968	1,970,244	1.111	\$7.30	\$8.12	7.015	350,349
Bollworm/budworm	3,003,540	1,298,281	0.560	\$10.41	\$5.83	1.255	62,661
Pink Bollworm	70,778	32,945	0.019	\$10.03	\$0.19	0.011	572
Cotton Fleahopper	2,036,450	1,004,200	0.476	\$4.93	\$2.35	0.892	44,552
Lygus	347,216	23,000	0.007	\$7.23	\$0.05	0.022	1,099
Cotton Leafperforator	347,815	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	299,000	8,000	0.002	\$8.36	\$0.02	0.148	7,376
Thrips, early season	2,931,292	640,725	0.219	\$4.46	\$0.98	0.801	39,994
Beet Armyworm	2,310,292	874,000	0.258	\$13.25	\$3.42	0.827	41,311
Fall Armyworm	358,000	5,000	0.001	\$7.95	\$0.01	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	145,738	12,000	0.003	\$7.54	\$0.03	0.004	211
Grasshoppers	161,000	4,900	0.023	\$4.7	\$0.11	0.028	1,400
Salt-marsh Caterpillars	12,100	1,500	0.000	\$8.10	\$0.00	0.000	0
Aphids	2,092,733	651,843	0.211	\$8.03	\$1.69	0.490	24,490
Bandedwinged Whitefly	28,000	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	210,000	5,000	0.004	\$15.00	\$0.07	0.000	0
Soybean Loopers	18,000	2,000	0.001	\$7.50	\$0.00	0.000	0
Cabbage Loopers	429,500	6,000	0.002	\$10.11	\$0.02	0.007	360
Western Flower Thrips	550,000	4,000	0.001	\$4.50	\$0.01	0.002	112
Cutworms	293,000	23,500	0.007	\$6.79	\$0.05	0.000	0
Percent Lost	11.50		Est. yield/acre	444			Cost/Acre
						Foliar insecticide	\$22.94
Total Acres	3,429,367		Spray applications	2.907		At planting	\$2.56
Harvested acres	3,275,367					Bt use fees	\$2.01
			Cost loss	\$291,742,799		Eradication	\$2.82
Total Bales lost	574,488					Scouting	\$2.48
Bales lost in dollars	\$179,240,204		Cost loss/acre	\$85.07		Total	\$32.81

Texas, Coastal Bend

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	425,450	119,126	0.560	\$6.06	\$3.39	0.000	0
Bollworm/budworm	425,450	93,600	0.220	\$8.60	\$1.89	1.000	6,825
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	425,450	400,000	1.880	\$4.66	\$8.76	2.000	13,650
Lygus	204,216	15,000	0.035	\$8.15	\$0.29	0.000	0
Cotton Leafperforator	297,815	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	55,000	5,000	0.012	\$8.00	\$0.09	0.400	2,731
Thrips, early season	425,450	212,725	0.500	\$5.25	\$2.63	0.000	0
Beet Armyworm	425,450	3,000	0.007	\$12.20	\$0.09	0.000	0
Fall Armyworm	350,000	5,000	0.012	\$7.95	\$0.09	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	127,635	5,000	0.012	\$7.10	\$0.08	0.000	0

Gras hoppers	50,000	4,900	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	10,000	1,500	0.004	\$8.10	\$0.03	0.000	0
Aphids	425,450	310,579	0.730	\$7.37	\$5.38	2.000	13,650
Bandedwinged Whitefly	25,000	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	35,000	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	18,000	2,000	0.005	\$7.50	\$0.04	0.000	0
Cabbage Loopers	50,000	2,000	0.005	\$7.50	\$0.04	0.000	0
Western Flower Thrips	275,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	250,000	13,000	0.031	\$6.50	\$0.20	0.000	0
Percent Lost	5.40		Est. yield/acre	384			Cost/Acre
						Foliar insecticide	\$23.00
Total Acres	425,450		Spray applications	4.011		At planting	\$1.04
Harvested acres	417,450					Bt use fees	\$2.55
			Cost loss	\$31,342,985		Eradication	\$15.50
Total Bales lost	36,855					Scouting	\$4.56
Bales lost in dollars	\$11,498,862		Cost loss/acre	\$73.67		Total	\$46.64

Texas, North Central

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	228,000	225,000	0.938	\$6.00	\$5.63	3.600	9,360
Bollworm/budworm	10,000	3,000	0.013	\$7.00	\$0.09	0.400	1,040
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	240,000	204,000	1.275	\$4.00	\$5.10	0.900	2,340
Lygus	3,000	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	3,000	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	240,000	216,000	1.350	\$3.75	\$5.06	0.400	1,040
Beet Armyworm	2,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean 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
Gras hoppers	50,000	25,000	0.208	\$4.00	\$0.83	0.400	1,040
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	5,000	2,000	0.008	\$6.00	\$0.05	0.300	780
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	6.00		Est. yield/acre	175			Cost/Acre
						Foliar insecticide	\$16.76
Total Acres	240,000		Spray applications	3.792		At planting	\$2.25
Harvested acres	119,000					Bt use fees	\$6.37
			Cost loss	\$11,822,220		Eradication	\$0.00
Total Bales lost	15,600					Scouting	\$3.60
Bales lost in dollars	\$4,867,220		Cost loss/acre	\$49.26		Total	\$28.98

Texas, Northern Rolling Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	120,000	70,000	0.817	\$5.70	\$4.66	1.600	3,600
Bollworm/budworm	180,000	52,000	0.433	\$11.20	\$4.85	2.900	6,525
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	180,000	60,000	0.333	\$4.85	\$1.62	0.700	1,575
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	3,000	0.018	\$8.90	\$0.16	0.350	787
Thrips, early season	180,000	40,000	0.244	\$4.50	\$1.10	0.160	360
Beet Armyworm	130,000	60,000	0.400	\$15.83	\$6.33	0.700	1,575
Fall Armyworm	8,000	0	0.000	N/A	\$0.00	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	8,000	1,000	0.006	\$6.95	\$0.04	0.050	112
Gras hoppers	40,000	16,000	0.098	\$5.30	\$0.52	0.160	360
Salt-marsh Caterpillars	2,000	0	0.000	N/A	\$0.00	0.000	0
Aphids	180,000	35,000	0.253	\$7.65	\$1.93	0.160	360
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	12,500	4,000	0.022	\$11.41	\$0.25	0.160	360
Western Flower Thrips	60,000	4,000	0.022	\$4.50	\$0.10	0.050	112
Cutworms	8,000	500	0.003	\$10.00	\$0.03	0.000	0
Percent Lost	6.99		Est. yield/acre	218			Cost/Acre
						Foliar insecticide	\$21.59
Total Acres	180,000		Spray applications	2.649		At planting	\$1.07
Harvested acres	180,000					Bt use fees	\$3.33
			Cost loss	\$11,058,184		Eradication	\$6.67
Total Bales lost	15,725					Scouting	\$1.51
Bales lost in dollars	\$4,906,249		Cost loss/acre	\$61.43		Total	\$34.18

Texas, High Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	1,700,000	1,235,000	1.300	\$7.75	\$10.08	8.500	328,046
Bollworm/budworm	1,850,000	1,000,000	0.789	\$10.75	\$8.49	1.000	38,594
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	665,000	80,000	0.042	\$4.80	\$0.20	0.500	19,297
Lygus	100,000	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	180,000	0	0.000	N/A	\$0.00	0.100	3,859
Thrips, early season	1,600,000	150,000	0.079	\$4.85	\$0.38	1.000	38,594
Beet Armyworm	1,500,000	800,000	0.421	\$13.00	\$5.47	1.000	38,594
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean 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
Gras hoppers	0	4,900	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	1,000,000	150,000	0.079	\$7.85	\$0.62	0.200	7,718
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	150,000	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	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	12.30		Est. yield/acre	523			Cost/Acre
						Foliar insecticide	\$25.24
Total Acres	1,900,000		Spray applications	2.711		At planting	\$3.84
Harvested acres	1,900,000					Bt use fees	\$0.02
			Cost loss	\$207,114,294		Eradication	\$0.00
Total Bales lost	474,702					Scouting	\$1.95
Bales lost in dollars	\$148,107,094		Cost loss/acre	\$109.01		Total	\$31.06

Texas, Far West

Pest	acres infested	acres treated	# insect apps	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	36,853	3,453	0.063	\$6.30	\$0.40	0.530	1,318
Bollworm/budworm	93,090	49,181	0.340	\$8.45	\$2.88	0.250	621
Pink Bollworm	50,778	32,945	0.000	N/A	\$4.16	0.230	572
Cotton Fleahopper	1,000	200	0.001	\$12.00	\$0.02	0.210	522
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	842	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	2,842	1,000	0.006	\$16.40	\$0.10	0.210	522
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	9,603	6,000	0.038	\$8.00	\$0.30	0.040	99
Gras hoppers	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	17,283	13,264	0.083	\$14.95	\$1.25	0.010	25
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	1.48		Est. yield/acre	311			Cost/Acre
						Foliar insecticide	\$9.10
Total Acres	158,917		Spray applications	0.532		At planting	\$0.00
Harvested acres	158,917					Bt use fees	\$5.15
			Cost loss	\$3,613,065		Eradication	\$0.00
Total Bales lost	3,680					Scouting	\$1.27

Bales lost in dollars	\$1,148,037		Cost loss/acre	\$22.74		Total	\$15.51
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Texas, Lower Rio Grande Valley

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	120,000	100,000	1.395	\$8.25	\$11.51	0.400	1,428
Bollworm/budworm	215,000	60,000	0.419	\$10.50	\$4.40	0.040	143
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	215,000	175,000	1.221	\$7.00	\$8.55	0.160	571
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	50,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	50,000	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	215,000	0	0.000	N/A	\$0.00	0.000	0
Beet Armyworm	150,000	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean 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
Gras hoppers	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	215,000	120,000	0.837	\$9.00	\$7.53	0.000	0
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato Whitefly	175,000	5,000	0.070	\$15.00	\$1.05	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	215,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	215,000	0	0.000	N/A	\$0.00	0.000	0
Cutworms	20,000	5,000	0.023	\$9.00	\$0.21	0.000	0
Percent Lost	0.60		Est. yield/acre	500			Cost/Acre
						Foliar insecticide	\$33.24
Total Acres	215,000		Spray applications	3.965		At planting	\$0.47
Harvested acres	195,000					Bt use fees	\$0.93
			Cost loss	\$9,061,681		Eradication	\$0.00
Total Bales lost	2,142					Scouting	\$4.40
Bales lost in dollars	\$668,181		Cost loss/acre	\$42.15		Total	\$39.04

Texas, Southern Rolling Plains

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	77,665	77,665	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	170,000	10,500	0.062	\$12.50	\$0.77	3.000	4,516
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	170,000	5,000	0.029	\$8.00	\$0.24	0.000	0
Lygus	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	1,000	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	170,000	2,000	0.012	\$5.00	\$0.06	0.000	0
Beet Armyworm	100,000	10,000	0.059	\$15.00	\$0.88	0.412	620
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0

Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	500	0	0.000	N/A	\$0.00	0.000	0
Gras hoppers	1,000	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	100	0	0.000	N/A	\$0.00	0.000	0
Aphids	170,000	16,000	0.094	\$8.50	\$0.80	1.300	1,957
Bandedwinged Whitefly	3,000	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	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	4.71		Est. yield/acre	275			Cost/Acre
						Foliar insecticide	\$2.75
Total Acres	170,000		Spray applications	0.256		At planting	\$0.35
Harvested acres	170,000					Bt use fees	\$10.59
			Cost loss	\$6,594,473		Eradication	\$11.10
Total Bales lost	7,092					Scouting	\$0.99
Bales lost in dollars	\$2,212,763		Cost loss/acre	\$38.79		Total	\$25.77

Texas, Southern Blacklands

Pest	acres infested	acres treated	# insect apps	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	140,000	140,000	3.000	\$6.00	\$18.00	3.000	6,598
Bollworm/budworm	60,000	30,000	0.643	\$7.00	\$4.50	2.000	4,398
Pink Bollworm	20,000	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	140,000	80,000	0.857	\$4.50	\$3.86	3.000	6,598
Lygus	40,000	8,000	0.057	\$5.50	\$0.31	0.500	1,099
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.000	0
Thrips, early season	100,000	20,000	0.143	\$4.50	\$0.64	0.000	0
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Euro ean 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
Gras hoppers	20,000	10,000	0.071	\$8.50	\$0.61	0.000	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	80,000	5,000	0.036	\$4.50	\$0.16	0.000	0
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	15,000	5,000	0.036	\$5.00	\$0.18	0.000	0
Percent Lost	8.50		Est. yield/acre	580			Cost/Acre
						Foliar insecticide	\$28.26
Total Acres	140,000		Spray applications	4.843		At planting	\$1.07
Harvested acres	135,000					Bt use fees	\$5.71
			Cost loss	\$11,135,898		Eradication	\$0.00

Total Bales lost	18,692				Scouting	\$2.84
Bales lost in dollars	\$5,831,798		Cost loss/acre	\$79.54	Total	\$37.89