

Table 22. Texas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	4324200	3254800	1.775	\$7.13	\$12.65	5.101	480318
Bollworm/budworm	3,713,000	482,750	0.097	\$9.46	\$0.92	0.403	37918
Pink Bollworm	46000	28,600	0.012	\$9.69	\$0.11	0.023	2206
Cotton Fleahopper	4,777,800	1,485,560	0.385	\$4.99	\$1.92	6.578	619447
Lygus	1,185,000	353,000	0.095	\$9.40	\$0.89	1.238	116570
Cotton Leafperforator	648,000	50,000	0.005	\$7.51	\$0.03	0.000	0
Spider Mites	135,000	13,000	0.003	\$8.62	\$0.02	0.003	325
Thrips, early season	4,274,000	338,000	0.066	\$4.71	\$0.31	0.091	8593
Beet Armyworm	1,680,111	25,000	0.004	\$12.94	\$0.05	0.000	19
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	234,600	54,000	0.010	\$7.33	\$0.08	0.071	6722
Grasshoppers	60,000	28,000	0.006	\$5.40	\$0.03	0.016	1500
Salt-marsh Caterpillars	206,500	10,000	0.002	\$8.00	\$0.02	0.000	0
Aphids	4,897,400	450,920	0.089	\$7.43	\$0.66	0.120	11302
Bandedwinged Whitefly	60,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	125,300	20	0.000	\$24.00	\$0.00	0.000	12
Soybean Loopers	50,000	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	701,020	15,800	0.003	\$7.70	\$0.02	0.000	5
Western Flower Thrips	483,000	100	0.000	\$4.50	\$0.00	0.000	1
Cutworms	144,000	15,250	0.002	\$6.52	\$0.01	0.000	30
Percent Lost	13.65		Est. yield/acre	503			Cost/ Acre
						Foliar insecticide	\$17.72
Total Acres	5,200,000		Spray applications	2.552		At planting	\$1.18
						Bt use fees	\$2.76
			Cost + loss	\$525,565,086		Eradication	\$6.44
Total Bales lost	1,284,970					Scouting	\$1.80
Bales lost in dollars	\$370,071,254		Cost + loss/acre	\$101.07		Total	\$29.90

Table 22a. Texas - Coastal Bend Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	465000	191800	0.875	\$6.39	\$5.59	1.70	19375
Bollworm/budworm	411,000	162,100	0.296	\$8.75	\$2.59	0.75	8563
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	548,000	476,760	1.740	\$4.76	\$8.28	1.00	11417
Lygus	120,000	40,000	0.073	\$8.15	\$0.59	0.00	0
Cotton Leafperforator	350,000	20,000	0.036	\$8.65	\$0.32	0.00	0
Spider Mites	15,000	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	548,000	70,000	0.128	\$5.25	\$0.67	0.00	0
Beet Armyworm	65,000	0	0.000	N/A	\$0.00	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	100,000	40,000	0.073	\$7.10	\$0.52	0.55	6250
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	200,000	10,000	0.018	\$8.00	\$0.15	0.00	0
Aphids	694,000	100,000	0.182	\$7.40	\$1.35	0.00	0
Bandedwinged Whitefly	55,000	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	50,000	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	60,000	15,000	0.027	\$7.50	\$0.21	0.00	0
Western Flower Thrips	250,000	0	0.000	N/A	\$0.00	0.00	0
Cutworms	100,000	10,000	0.018	\$6.50	\$0.12	0.00	5
Percent Lost	3.99		Est. yield/acre	856			Cost/ Acre
						Foliar insecticide	\$20.38

Total Acres	548,000		Spray applications	3.467		At planting	\$1.65
						Bt use fees	\$3.94
			Cost + loss	\$38,475,259		Eradication	\$14.99
Total Bales lost	45,609					Scouting	\$5.28
Bales lost in dollars	\$13,135,440		Cost + loss/acre	\$70.21		Total	\$46.24

Table 22b. Texas - North Central Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	95000	90000	0.818	\$6.00	\$4.91	2.59	3088
Bollworm/budworm	15,000	3,000	0.027	\$7.00	\$0.19	0.01	16
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	90,000	85,000	1.159	\$4.25	\$4.93	2.70	3218
Lygus	6,000	3,000	0.027	\$6.00	\$0.16	0.01	7
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	100,000	80,000	0.727	\$4.00	\$2.91	0.91	1083
Beet Armyworm	1,173,611	0	0.000	N/A	\$0.00	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
Grasshoppers	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	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	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	5
Percent Lost	6.22		Est. yield/acre	457			Cost/ Acre
						Foliar insecticide	\$13.10
Total Acres	110,000		Spray applications	2.759		At planting	\$5.59
						Bt use fees	\$4.40
			Cost + loss	\$5,113,707		Eradication	\$0.00
Total Bales lost	7,416					Scouting	\$3.98
Bales lost in dollars	\$2,135,832		Cost + loss/acre	\$46.49		Total	\$27.07

Table 22c. Texas - Northern Rolling Plains Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	150000	98000	0.397	\$5.80	\$2.30	1.43	7500
Bollworm/budworm	260,000	23,000	0.082	\$11.30	\$0.93	1.86	9750
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	420,000	30,000	0.071	\$4.90	\$0.35	0.40	2100
Lygus	0	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	10,000	3,000	0.008	\$9.00	\$0.07	0.00	13
Thrips, early season	90,000	35,000	0.092	\$4.60	\$0.42	0.01	56
Beet Armyworm	40,000	0	0.000	N/A	\$0.00	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	8,000	1,000	0.002	\$7.00	\$0.02	0.00	20
Grasshoppers	60,000	28,000	0.073	\$5.40	\$0.40	0.29	1500
Salt-marsh Caterpillars	6,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	420,000	80,000	0.286	\$7.65	\$2.19	0.50	2625
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	4,300	800	0.002	\$11.41	\$0.02	0.00	5
Western Flower Thrips	1,000	100	0.000	\$4.50	\$0.00	0.00	1
Cutworms	2,000	250	0.001	\$10.00	\$0.01	0.00	5
Percent Lost	4.49		Est. yield/acre	270			Cost/ Acre
						Foliar insecticide	\$6.70
Total Acres	420,000		Spray applications	1.014		At planting	\$0.21
						Bt use fees	\$1.33
			Cost + loss	\$15,728,656		Eradication	\$12.73
Total Bales lost	23,575					Scouting	\$0.31
Bales lost in dollars	\$6,789,708		Cost + loss/acre	\$37.45		Total	\$21.28

Table 22d. Texas - High Plains Summary

Pest	Acres infested	Acres treated	No. insect appls	Cost of 1 applic	Cost/acre	% Yield loss	Bales lost
Boll weevil	2900000	2630000	2.721	\$7.25	\$19.73	7.00	412344
Bollworm/budworm	2,150,000	100,000	0.034	\$10.75	\$0.37	0.07	4367
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	2,810,000	600,000	0.207	\$5.00	\$1.03	9.98	587905
Lygus	1,000,000	280,000	0.145	\$9.75	\$1.41	1.97	115781
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	80,000	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	2,900,000	110,000	0.038	\$4.85	\$0.18	0.10	5891
Beet Armyworm	300,000	20,000	0.007	\$13.00	\$0.09	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
Grasshoppers	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	2,900,000	100,000	0.034	\$7.85	\$0.27	0.10	5891
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	425,000	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	5
Percent Lost	19.22		Est. yield/acre	508			Cost/ Acre
						Foliar insecticide	\$23.09
Total Acres	2,900,000		Spray applications	3.186		At planting	\$1.51
						Bt use fees	\$1.91
			Cost + loss	\$419,194,740		Eradication	\$4.25
Total Bales lost	1,132,183					Scouting	\$1.36
Bales lost in dollars	\$326,068,740		Cost + loss/acre	\$144.55		Total	\$32.11

Table 22e. Texas - Far West Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	344000	5000	0.025	\$7.00	\$0.17	3.38	17831
Bollworm/budworm	62,000	23,200	0.057	\$10.00	\$0.57	0.30	1607
Pink Bollworm	46000	28,600	0.148	\$9.69	\$1.43	0.42	2206
Cotton Fleahopper	129,800	57,000	0.144	\$6.56	\$0.95	0.32	1682
Lygus	9,000	0	0.000	N/A	\$0.00	0.00	1
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	1,000	0	0.000	N/A	\$0.00	0.00	0

Beet Armyworm	1,500	0	0.000	N/A	\$0.00	0.00	19
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	21,600	12,000	0.029	\$8.00	\$0.24	0.05	280
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	500	0	0.000	N/A	\$0.00	0.00	0
Aphids	178,400	25,920	0.080	\$12.95	\$1.03	0.04	231
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	300	20	0.000	\$24.00	\$0.00	0.00	12
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	11,720	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	32,000	0	0.000	N/A	\$0.00	0.00	0
Cutworms	32,000	0	0.000	N/A	\$0.00	0.00	5
Percent Lost	4.53		Est. yield/acre	362			Cost/ Acre
						Foliar insecticide	\$4.39
Total Acres	407,000		Spray applications	0.483		At planting	\$0.00
						Bt use fees	\$4.14
			Cost + loss	\$12,479,478		Eradication	\$4.90
Total Bales lost	23,873					Scouting	\$0.35
Bales lost in dollars	\$6,875,523		Cost + loss/acre	\$30.66		Total	\$13.77

Table 22f. Texas - Lower Rio Grande Valley Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	195000	120000	0.442	\$7.06	\$3.12	0.15	650
Bollworm/budworm	255,000	100,000	0.235	\$6.91	\$1.63	0.20	833
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	255,000	20,000	0.061	\$4.71	\$0.29	0.20	833
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leafperforator	200,000	30,000	0.014	\$1.18	\$0.02	0.00	0
Spider Mites	10,000	0	0.000	N/A	\$0.00	0.00	0
Thrips, early season	100,000	0	0.000	N/A	\$0.00	0.00	0
Beet Armyworm	100,000	5,000	0.000	\$0.24	\$0.00	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
Grasshoppers	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	255,000	100,000	0.184	\$2.82	\$0.52	0.10	416
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	125,000	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	200,000	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	200,000	0	0.000	N/A	\$0.00	0.00	0
Cutworms	10,000	5,000	0.000	\$0.20	\$0.00	0.00	0
Percent Lost	0.64		Est. yield/acre	481			Cost/ Acre
						Foliar insecticide	\$5.57
Total Acres	255,000		Spray applications	0.938		At planting	\$0.39
						Bt use fees	\$0.00
			Cost + loss	\$3,258,092		Eradication	\$0.00
Total Bales lost	2,732					Scouting	\$3.73
Bales lost in dollars	\$786,816		Cost + loss/acre	\$12.78		Total	\$9.69

Table 22g. Texas - Southern Rolling Plains Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
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Boll weevil	50200	0	0.000	N/A	\$0.00	0.00	0
Bollworm/budworm	435,000	21,450	0.049	\$12.50	\$0.62	0.76	3017
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	435,000	136,800	0.314	\$6.00	\$1.89	1.68	6669
Lygus	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Leafperforator	98,000	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	435,000	13,000	0.030	\$4.52	\$0.14	0.00	0
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
European Com Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	105,000	1,000	0.002	\$9.00	\$0.02	0.04	172
Grasshoppers	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	435,000	35,000	0.122	\$7.00	\$0.86	0.48	1905
Bandedwinged Whitefly	5,000	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	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	2.96		Est. yield/acre	252			Cost/ Acre
						Foliar insecticide	\$3.52
Total Acres	435,000		Spray applications	0.518		At planting	\$0.14
						Bt use fees	\$9.01
			Cost + loss	\$15,057,940		Eradication	\$12.87
Total Bales lost	11,763					Scouting	\$1.29
Bales lost in dollars	\$3,387,755		Cost + loss/acre	\$34.62		Total	\$26.83

Table 22h. Texas - Southern Blacklands Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	125000	120000	3.840	\$6.50	\$24.96	5.00	19531
Bollworm/budworm	125,000	50,000	0.800	\$9.50	\$7.60	2.50	9766
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	90,000	80,000	0.640	\$6.00	\$3.84	1.44	5625
Lygus	50,000	30,000	0.240	\$6.50	\$1.56	0.20	781
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	20,000	10,000	0.080	\$8.50	\$0.68	0.08	313
Thrips, early season	100,000	30,000	0.240	\$5.00	\$1.20	0.40	1563
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
European Com 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
Grasshoppers	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	15,000	10,000	0.080	\$7.00	\$0.56	0.06	234
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	5
Percent Lost	9.68		Est. yield/acre	1,050			Cost/ Acre
						Foliar insecticide	\$40.40
Total Acres	125,000		Spray applications	5.920		At planting	\$0.09
						Bt use fees	\$0.20
			Cost + loss	\$16,257,214		Eradication	\$0.00

Total Bales lost	37,818					Scouting	\$2.24
Bales lost in dollars	\$10,891,440		Cost + loss/acre	\$130.06		Total	\$42.93