

Table 1. 1987 u.s. Cotton Crop Production. (Source: USDA Crop reporting service).

--Upland--	Acres Harvested ^{a/}	Indicated Yield ^{b/}	--Production--	
			Jan 1 ^{c/}	1986 ^{c/}
ALA	333	588	408	330
AZ	299	1,365	850	675
ARK	570	762	905	602
CALIF	1,120	1,264	2,950	2,245
GA	245	666	340	185
LA	600	792	990	673
MISS	1,010	832	1,750	1,190
MO	189	830	327	196
NM	62	735	95	62
NC	95	505	100	109
OKLA	400	420	350	210
SC	119	444	110	87
TENN	445	701	650	396
TEXAS	4,400	502	4,600	2,535
US	9,915	700	14,460	9,525
--PIMA--				
US	135	941	264	206
--ALL COTTON--				
US	10,049	703	14,724	9,731

^{a/} Acres in thousands^{b/} Yield in lbs./acre^{c/} Production in thousand 480 lb. bales

Table 2a. All States

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	5141615	3758401	2.6	3.70	2.24	325403
Boll/budworms	8506099	5617023	1.9	7.02	1.97	286796
Fleahoppers	6888887	3179216	0.4	2.67	0.92	133561
Lygus bugs	3780513	1608053	0.2	3.87	0.25	37445
Leaf perforator	202800	120000	0.0	9.00	0.00	682
Pink bollworm	586000	325800	0.1	8.92	0.13	19035
Spider mites	1578457	739157	0.1	10.56	0.05	7622
Thrips	6424455	3200511	0.4	3.94	0.12	18260
Armyworms	590130	275000	0.0	12.74	0.02	3849
Minor pests	3308488	1646278	0.2	4.70	0.15	22401
New pests	1046598	91076	0.0	4.50	0.00	948

Acreage harvested: 9914110 Yield per acre: 1.46 Bales

Percent lost: 5.89 Dollars lost: 246,530,321 Cost per acre: 31.89

Table 2b. North Alabama

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	200000	200000	7.7	1.95	8.50	18239
Boll/budworms	200000	200000	5.0	5.25	4.80	10300
Fleahoppers	10000	0	0.0	* **	0.00	0
Lygus bugs	200000	200000	0.0	0.00	0.10	214
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	90000	30000	0.0	1.90	0.15	321
Thrips	200000	2000	0.0	8.65	0.00	10
Armyworms	15000	0	0.0	* **	0.00	0
Minor pests	200000	150000	1.6	1.85	1.50	3218
New pests	200000	10000	0.0	2.15	0.05	107

Acres harvested: 200000 Yield per acre: 1.07 Bales

Percent lost: 15.10 Dollars lost: 9,334,890 Cost per acre:44.47

Table 2c. Central & South Alabama

Pest	Acres infested	Above treatment Threshold	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	152000	152000	7.3	2.10	8.38	12793
Boll/budworms	152000	152000	4.7	4.80	3.98	6076
Fleahoppers	8000	0	0.0	* **	0.00	0
Lygus bugs	152000	10000	0.0	* **	0.00	5
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	15000	10000	0.0	6.00	0.00	10
Thrips	152000	110000	0.7	6.75	0.22	347
Armyworms	110000	10000	0.0	7.00	0.00	5
Minor pests	152000	120000	1.6	1.80	1.65	2525
New pests	152000	20000	0.0	3.50	0.01	21

Acres harvested: 145000 Yield per acre: 1.05 Bales

Percent lost: 4.28 Dollars lost: 6,273,918 Cost per acre: 46.91

Table 2d. Arkansas

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	600000	550000	7.1	4.58	4.82	43656

Boll/budworms	600000	300000	1.3	6.15	1.05	9525
Fleahoppers	600000	400	0.0	3.50	0.00	0
Lygus bugs	600000	120000	0.2	3.50	0.10	952
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	30000	3500	0.0	4.00	0.00	0
Thrips	600000	525	0.9	5.80	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	600000	250000	0.4	2.00	0.02	198
New pests	300000	1000	0.0	0.75	0.00	0

Acreage harvested: 570000 Yield per acre: 1.59 Bales

Percent Lost: 6.00 Dollars Lost: 15,647670 Cost per acre: 48.10

Table 2e. Arizona

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	100000	50000	1.3	9.00	0.08	710
Boll/budworms	220000	80000	0.5	10.00	0.21	1820
Fleahoppers	60000	10000	0.0	9.00	0.00	2
Lygus bugs	260000	190000	1.2	9.00	0.63	5403
Leaf perforator	200000	120000	0.8	9.00	0.08	682
Pink bollworm	300000	290000	5.8	9.00	2.13	18143
Spider mites	200000	120000	0.8	12.00	0.16	1365
Thrips	300000	20000	0.0	7.00	0.00	5
Armyworms	90000	60000	0.4	9.00	0.04	341
Minor pests	180000	150000	2.0	9.00	0.05	426
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 299000 Yield per acre: 2.84 Bales

Percent lost: 3.39 Dollars lost: 8,323,497 Cost per acre: 120.50

Table 2f. California

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	0	0	0.0	0.00	0.00	0
Boll/budworms	0	0	0.0	0.00	0.00	0
Fleahoppers	0	0	0.0	0.00	0.00	0
Lygus bugs	56500	45200	0.0	20.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	113000	11300	0.0	16.00	0.01	297
Spider mites	290000	169500	0.2	16.00	0.00	223

Thrips	0	0	0.0	0.00	0.00	0
Armyworms	113000	113000	0.1	20.00	0.10	2975
Minor pests	339000	113000	0.1	12.00	0.20	5951
New pests	0	0	0.0	0.00	0.00	0

Average harvested: 112000 Yield per acre: 2.63 Bales

Percent lost: 0.32 Dollars Lost:2,720,949 Cost per acre: 9.44

Table 2g. Florida

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	25310	25050	4.0	5.00	7.12	2761
Boll/budworms	25310	25310	7.1	8.70	7.20	2790
Fleahoppers	3030	0	0.0	*,**	0.00	0
Lygus bugs	13920	3800	0.0	7.75	0.01	5
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	6580	1010	0.0	7.50	0.00	3
Thrips	20259	2530	0.0	8.50	0.05	23
Armyworms	17700	2530	0.0	8.60	0.02	11
Minor pests	21513	3040	0.0	7.70	0.03	13
New pests	0	0	0.0	0.00	0.00	0

Average harvested: 25310 Yield per acre: 1.53 Bales

Percent Lost: 14.47 Dollars Lost: 1,616,660 Cost per acre: 82.98

Table 2h. Georgia

Pest	Acres infested	Above treatment Threshold	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	255000	255000	16.6	3.75	6.76	22997
Boll/budworms	255000	255000	6.2	6.75	2.08	7076
Fleahoppers	112500	25000	0.1	3.88	0.07	260
Lygus bugs	112500	55000	0.2	3.88	0.22	763
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	10000	10000	0.0	8.75	0.00	0
Thrips	200000	170000	0.9	4.75	0.00	0
Armyworms	75000	50000	0.3	7.00	0.00	0
Minor pests	5000	1500	0.0	8.75	0.00	0
New pests	25000	25000	0.1	4.00	0.00	0

<="" p="" align="" ">

Percent Lost: 9.14 Dollars lost: 8,956,035 Cost per acre: 113.25

Table 2i. Louisiana

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	597983	585272	6.8	2.85	5.85	57941
Boll/budworms	597983	542957	4.3	6.65	2.71	26876
Fleahoppers	463840	402776	0.4	2.05	0.20	1993
Lygus bugs	480170	348228	0.4	2.25	0.20	2011
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	317536	1179360	0.2	5.65	0.05	591
Thrips	472700	370818	0.6	2.10	0.13	1346
Armyworms	2730	1520	0.0	* **	0.00	0
Minor pests	475000	335907	0.6	3.14	0.33	3325
New pests	120298	8676	0.0	5.70	0.01	143

Acreage harvested: 189000 Yield per acre: 1.65 Bales

Percent Lost: 9.51 Dollars lost: 27,138,138 Cost per acre: 54.79

Table 2j. Missouri

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	189000	18000	0.3	4.00	0.38	1245
Boll/budworms	189000	60000	0.6	7.50	1.90	6225
Fleahoppers	5000	1000	0.0	4.25	0.01	34
Lygus bugs	189000	47250	0.3	3.75	0.75	2451
Leaf perforator	1800	0	0.0	* **	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	3600	500	0.0	5.50	0.00	0
Thrips	160650	567000	0.6	4.75	0.60	1960
Armyworms	9500	0	0.0	* **	0.00	0
Minor pests	25000	7000	0.0	4.75	0.18	605
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 189000 Yield per acre: 1.73 Bales

Percent lost: 3.83 Dollars lost: 3,606,267 Cost per acre: 1.85

Table 2k. Mississippi Delta

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	656257	606957	5.1	2.35	3.45	44885
Boll/budworms	726157	716317	4.8	5.89	4.82	62600
Fleahoppers	241750	159940	0.4	1.96	0.24	3129

Lygus bugs	613257	517425	1.6	2.34	1.45	18872
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	128875	88187	0.1	5.46	0.14	1859
Thrips	586257	431740	0.9	2.69	0.35	4563
Armyworms	51900	19650	0.0	7.14	0.01	172
Minor pests	339775	103431	0.1	6.93	0.07	950
New pests	14000	10000	0.0	3.82	0.00	88

Acreage harvested: 742586 Yield per acre: 1.75 Bales

Percent lost: 10.55 Dollars lost: 39,490,926 Cost per acre:49.95

Table 2l. Mississippi Hill

Pest	Acres infested	Above treatment Thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	237908	227708	8.6	2.00	7.86	20946
Boll/budworms	227839	213139	4.2	5.21	3.72	9923
Fleahoppers	47600	14800	0.1	2.84	0.15	408
Lygus bugs	203666	136600	0.9	1.95	0.67	1799
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	48066	14400	0.0	4.50	0.06	164
Thrips	216539	183973	1.3	1.95	0.56	1504
Armyworms	6500	500	0.0	6.50	0.00	3
Minor pests	19000	2200	0.0	1.63	0.00	5
New pests	4300	3400	0.0	4.81	0.09	263

Acreage harvested: 230655 Yield per acre: 1.16 Bales

Percent lost: 13.14 Dollars lost: 10,085,437 Cost per acre:45.06

Table 2m. North Carolina

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	0	0	0.0	0.00	0.00	0
Boll/budworms	87000	87000	2.7	7.00	0.91	91
Fleahoppers	0	0	0.0	0.00	0.00	0
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	500	100	0.0	6.80	0.00	0
Thrips	87000	87000	0.9	6.00	0.27	274
Armyworms	0	0	0.0	0.00	0.00	0

Minor pests	15000	50000	0.0	7.00	0.00	0
New pests	70000	3000	0.0	5.50	0.03	37

Acreage harvested: 95000 Yield per acre: 1.05 Bales

Percent lost: 1.22 Dollars lost: 353,755 Cost per acre:25.45

Table 2n. New Mexico

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	0	0	0.0	0.00	0.00	0
Boll/budworms	22710	5200	0.0	8.00	0.41	398
Fleahoppers	33250	7000	0.1	9.00	0.56	535
Lygus bugs	39000	8550	0.0	8.00	0.68	654
Leaf perforator	1000	0	0.0	*. **	0.00	0
Pink bollworm	23000	4500	0.1	9.00	0.36	344
Spider mites	12700	1000	0.0	8.00	0.01	15
Thrips	44200	9100	0.1	7.00	0.73	696
Armyworms	13600	1500	0.0	8.00	0.12	114
Minor pests	200	200	0.0	4.00	0.00	3
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 62000 Yield per acre: 1.53 Bales

Percent lost: 2.91 Dollars lost: 795,784 Cost per acre:4.74

Table 2o. Oklahoma

Pest	Acres infested	Above treatment threshold	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	115000	95000	0.7	4.75	1.18	4156
Boll/budworms	375000	150000	1.1	10.50	1.87	6562
Fleahoppers	375000	100000	0.2	4.75	0.22	787
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	35000	15000	0.0	8.75	0.01	65
Thrips	375000	5000	0.0	4.75	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 400000 Yield per acre: 0.88 Bales

Percent lost: 3.30 Dollars lost: 3,332,826 Cost per acre:17.10

Table 2p. South Carolina

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	40000	50	0.0	3.00	0.00	0
Boll/budworms	122000	85000	2.8	6.75	2.14	2358
Fleahoppers	35000	400	0.0	4.00	0.00	0
Lygus bugs	45000	2000	0.0	4.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	2000	500	0.0	8.00	0.00	0
Thrips	115000	50000	0.6	3.0	0.04	46
Armyworms	15000	1000	0.0	11.00	0.01	18
Minor pests	15000	15000	0.1	4.50	0.00	0
New pests	25000	5000	0.0	4.50	0.21	231

Acreage harvested: 119000 Yield per acre: 0.93 Bales

Percent lost: 2.41 Dollars lost: 764,701 Cost per acre:22.74

Table 2q. Tennessee

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	103640	35998	0.4	4.00	0.16	1051
Boll/budworms	296250	118500	0.5	7.00	2.13	13844
Fleahoppers	0	0	0.0	0.00	0.00	0
Lygus bugs	300000	50000	0.1	3.00	0.11	730
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	100000	5000	0.0	4.00	0.00	0
Thrips	300000	75000	0.1	2.50	0.00	54
Armyworms	50000	100	0.0	4.00	0.00	0
Minor pests	100000	10000	0.0	3.00	0.02	146
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 445000 Yield per acre: 1.46 Bales

Percent lost: 2.43 Dollars lost: 4,558,450 Cost per acre:6.54

Table 2r. Texas - Area 1

Pest	Acres infested	Above treatment threshold	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	40000	10000	0.1	5.10	0.12	62
Boll/budworms	50000	8000	0.1	9.50	0.10	50
Fleahoppers	55000	13000	0.0	4.50	0.16	81
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0

Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	0	0	0.0	0.00	0.00	0
Thrips	80000	40000	0.5	4.00	0.25	125
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 80000 Yield per acre: 0.62 Bales

Percent lost: 0.63 Dollars lost: 91,800 Cost per acre:4.27

Table 2s. Texas - Area 2

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	130000	15000	0.6	5.50	0.00	7
Boll/budworms	2120000	1378000	0.5	9.75	1.62	44785
Fleahoppers	2650000	1192500	0.0	2.75	3.60	99375
Lygus bugs	40000	40000	0.0	5.00	0.00	62
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	80000	10000	0.0	15.00	0.00	1
Thrips	1750000	850000	0.3	4.40	0.17	4692
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	172000	60000	0.0	4.00	0.00	212
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 2650000 Yield per acre: 1.04 Bales

Percent lost: 5.40 Dollars lost: 42,951,330 Cost per acre:10.18

Table 2t. Texas - Area 3

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	700000	250000	1.1	5.10	2.93	18604
Boll/budworms	800000	180000	0.3	9.50	0.67	4275
Fleahoppers	750000	300000	0.3	2.50	0.11	712
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	15000	7000	0.0	12.00	0.00	55
Thrips	10000	5000	0.0	1.85	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 80000 Yield per acre: 0.79 Bales

Percent lost: 3.73 Dollars lost: 6,810,360 Cost per acre:10.17

Table 2u. Texas - Area 4

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	15000	5000	0.0	4.25	0.00	2
Boll/budworms	75000	20000	0.5	8.00	0.43	291
Fleahoppers	75000	30000	0.3	4.50	0.00	5
Lygus bugs	5000	1000	0.0	5.50	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	8000	500	0.0	8.00	0.00	0
Thrips	70000	50000	1.2	3.50	0.12	83
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 80000 Yield per acre: 0.83 Bales

Percent lost: 0.57 Dollars lost: 110,076 Cost per acre:10.44

Table 2v. Texas - Area 5 & 9

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	20000	20000	3.1	5.00	5.26	833
Boll/budworms	20000	10000	1.5	8.00	5.26	833
Fleahoppers	20000	15000	0.7	4.00	3.94	625
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	20000	1000	0.0	7.00	7.00	41
Thrips	20000	5000	0.2	3.00	3.00	208
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 19000 Yield per acre: 0.83 Bales

Percent lost: 16.05 Dollars lost: 732,000 Cost per acre:32.73

Table 2w. Texas - Area 6

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	60000	1500	0.0	6.00	0.00	0

Boll/budworms	400000	300000	1.5	9.00	3.75	18750
Fleahoppers	360000	300000	1.1	4.00	1.50	7500
Lygus bugs	30000	10000	0.0	5.00	0.00	6
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	150000	20000	0.1	1.50	0.05	250
Spider mites	0	0	0.0	0.00	0.00	0
Thrips	0	0	0.0	0.00	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	400000	300000	0.9	2.00	0.75	3750
New pests	136000	5000	0.0	8.00	0.00	0

Acres harvested: 400000 Yield per acre: 1.25 Bales

Percent lost: 6.05 Dollars lost: 8,713,980 Cost per acre: 20.30

Table 2x. Texas - Area 7

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	250000	100000	1.4	5.50	2.80	5541
Boll/budworms	250000	150000	1.2	7.50	3.00	5937
Fleahoppers	250000	140000	1.1	1.00	2.80	5541
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	20000	20000	0.1	12.00	0.08	158
Thrips	0	0	0.0	0.00	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	250000	20000	0.0	1.00	0.06	126
New pests	0	0	0.0	0.00	0.00	0

Acres harvested: 250000 Yield per acre: 0.79 Bales

Percent lost: 8.74 Dollars lost: 4,984,080 Cost per acre: 19.82

Table 2y. Texas - Area 8

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	25000	15000	1.5	4.00	6.02	1156
Boll/budworms	25000	15000	1.2	11.00	3.01	578
Fleahoppers	25000	25000	2.0	3.50	5.02	963
Lygus bugs	8000	2000	0.0	5.00	0.16	30
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	5000	1500	0.1	1.00	0.30	57

Thrips	25000	25000	1.0	3.00	1.50	289
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 24900 Yield per acre: 0.77 Bales

Percent lost: 16.02 Dollars lost: 885,780 Cost per acre: 30.92

Table 2z. Texas - Area 10

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	6100	3870	0.0	4.65	0.03	74
Boll/budworms	68000	51000	1.0	9.10	0.59	1287
Fleahoppers	87500	69000	0.4	1.35	0.04	93
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	20500	9100	0.0	10.25	0.01	26
Thrips	52000	12000	0.0	1.90	0.00	4
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 112500 Yield per acre: 1.93 Bales

Percent lost: 0.68 Dollars lost: 427,988 Cost per acre: 10.95

Table 2aa. Texas - Area 11

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	86000	8600	0.3	4.00	0.99	1046
Boll/budworms	86000	51600	1.2	4.50	2.99	3139
Fleahoppers	86000	77400	1.8	1.10	4.49	4708
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	0	0	0.0	0.00	0.00	0
Thrips	86000	12900	0.2	1.90	0.00	7
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 86133 Yield per acre: 1.22 Bales

Percent lost: 8.49 Dollars lost: 2,563,684 Cost per acre: 9.19

Table 2bb. Texas - Area 12

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	320000	320000	7.0	6.75	10.00	40666
Boll/budworms	325000	325000	4.0	8.50	3.04	12390
Fleahoppers	325000	100000	0.3	2.00	0.31	1270
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	75000	20000	0.0	5.50	0.06	254
Thrips	325000	100000	0.3	6.50	0.31	1270
Armyworms	20000	15000	0.0	9.00	0.04	190
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 320000 Yield per acre: 1.27 Bales

Percent lost: 13.78 Dollars lost: 16,140,600 Cost per acre: 85.79

Table 2cc. Texas - Area 13

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	37000	37000	6.6	4.75	7.11	6359
Boll/budworms	39000	37000	7.1	12.00	16.12	14414
Fleahoppers	30000	25000	0.6	4.50	1.28	1145
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	20000	20000	1.0	15.00	2.56	2291
Thrips	0	0	0.0	0.00	0.00	0
Armyworms	200	200	0.0	7.50	0.00	3
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acreage harvested: 39000 Yield per acre: 2.29 Bales

Percent lost: 27.09 Dollars lost: 6,973,956 Cost per acre: 135.27

Table 2dd. Texas - Area 14

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	180417	171396	4.2	5.00	2.84	6427
Boll/budworms	150000	100000	8.3	6.00	1.55	3500
Fleahoppers	180417	171000	1.2	3.00	1.89	4275

Lygus bugs	60000	1000	0.0	4.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	25000	2000	0.0	4.00	0.00	0
Thrips	175000	1750	0.0	2.50	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acres harvested: 180417 Yield per acre: 1.25 Bales

Percent lost: 6.29 Dollars lost: 4,090,276 Cost per acre: 75.04

Table 1ee. Virginia

Pest	Acres infested	Above treatment thresholds	No. insecticide Applications	Cost per Application	% yield reduction	Bales Lost
Boll weevils	0	0	0.0	0.00	0.00	0
Boll/budworms	1850	1000	1.0	11.00	2.43	46
Fleahoppers	0	0	0.0	0.00	0.00	0
Lygus bugs	0	0	0.0	0.00	0.00	0
Leaf perforator	0	0	0.0	0.00	0.00	0
Pink bollworm	0	0	0.0	0.00	0.00	0
Spider mites	100	0	0.0	* **	0.00	0
Thrips	1850	0	0.0	* **	0.00	0
Armyworms	0	0	0.0	0.00	0.00	0
Minor pests	0	0	0.0	0.00	0.00	0
New pests	0	0	0.0	0.00	0.00	0

Acres harvested: 1850 Yield per acre: 1.04 Bales

Percent lost: 2.43 Dollars lost: 13,500 Cost per acre: 11.89