

| Table 11. | CALIFORNIA | | | | | Cotton insect losses - 1997 | |
|-------------------------|----------------|----------------------|-----------------|----------------|---------------------------|-----------------------------|------------------|
| PEST | Acres Infested | Acres Treated | # Insect Applic | Cost of 1 Appl | Cost/acre | % Yeld Loss | Bales Lost |
| Boll Weevils | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Boll/budworms | 50750 | 500 | 0.000 | \$15.00 | \$0.01 | 0.000 | 0 |
| Pink bollworm | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Cotton Fleahoppers | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Lygus | 910000 | 385000 | 0.367 | \$34.62 | \$12.71 | 1.798 | 56934 |
| Cotton Leaf perforators | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Spider Mites | 902000 | 752000 | 1.061 | \$20.00 | \$21.23 | 0.854 | 27037 |
| Thrips, early season | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Beet Armyworms | 400000 | 200000 | 0.283 | \$15.00 | \$4.24 | 0.379 | 12000 |
| Fall Armyworms | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Euro ean Cornborers | 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 |
| Saltmarsh Catepillers | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Aphids | 908000 | 808000 | 1.518 | \$25.00 | \$37.95 | 3.425 | 108440 |
| Bandedwing Whiteflies | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Sweet Potato Whiteflies | 350000 | 150000 | 0.212 | \$35.00 | \$7.42 | 0.332 | 10500 |
| 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 |
| | | | | | | | Cost/Acre |
| | | | | | foliar insecticide | | \$83.56 |
| Percent Lost: | 6.79 | est. Yield per acre: | | 1201 | at planting | | \$1.54 |
| Total Acres: | 1061790 | | | | Bt use fees | | \$0.00 |
| Total Acres Harvested: | 1061790 | cost loss | | \$168,792,882 | eradication | | \$4.30 |
| Total Bales Lost: | 214911 | cost Loss/acre: | | \$158.97 | scouting | | \$6.42 |
| Bales lost in \$\$\$: | \$67,052,213 | | | | TOTAL | | \$95.82 |

| Table 11a. | CALIFORNIA, SAN JOAQUIN VALLEY | | | | | Cotton insect losses - 1997 | |
|-------------------------|--------------------------------|---------------|-----------------|----------------|-----------|-----------------------------|------------|
| PEST | Acres Infested | Acres Treated | # Insect Applic | Cost of 1 Appl | Cost/acre | % Yeld Loss | Bales Lost |
| Boll Weevils | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Boll/budworms | 50000 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Pink Bollworm | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Cotton Fleahoppers | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Lygus | 900000 | 375000 | 0.357 | \$35.00 | \$12.49 | 1.712 | 54000 |
| Cotton Leaf perforators | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Spider Mites | 900000 | 750000 | 1.070 | \$20.00 | \$21.41 | 0.856 | 27000 |
| Thrips, early season | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Beet Armyworms | 400000 | 200000 | 0.285 | \$15.00 | \$4.28 | 0.381 | 12000 |
| Fall Armyworms | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Euro ean Cornborers | 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 |
| Saltmarsh Catepillers | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Aphids | 900000 | 800000 | 1.522 | \$25.00 | \$38.05 | 3.425 | 108000 |
| Bandedwing Whiteflies | 0 | 0 | 0.000 | n/a | \$0.00 | 0.333 | 0 |
| Sweet Potato Whiteflies | 350000 | 150000 | 0.214 | \$35.00 | \$7.49 | 0.000 | 10500 |

| | | | | | | | |
|------------------------|--------------|----------------------|-------|---------------|---------------------------|-------|------------------|
| 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 |
| | | | | | | | Cost/Acre |
| | | | | | foliar insecticide | | \$83.72 |
| Percent Lost: | 6.71 | est. Yield per acre: | | 1200 | at planting | | \$1.43 |
| Total Acres: | 1051155 | | | | Bt use fees | | \$0.00 |
| Total Acres Harvested: | 1051155 | cost loss | | \$166,735,358 | eradication | | \$4.30 |
| Total Bales Lost: | 211500 | cost Loss/acre: | | \$158.62 | scouting | | \$6.40 |
| Bales lost in \$\$\$: | \$65,988,000 | | | | Total | | \$95.84 |

| Table 11b | CALIFORNIA, SACRAMENTO VALLEY | | | | | Cotton insect losses - 1996 | |
|-------------------------|-------------------------------|----------------------|-----------------|----------------|---------------------------|-----------------------------|------------------|
| PEST | Acres Infested | Acres Treated | # Insect Applic | Cost of 1 Appl | Cost/acre | % Y eld Loss | Bales Lost |
| Boll Weevils | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Boll/budworms | 750 | 500 | 0.047 | \$15.00 | \$0.71 | 0.000 | 0 |
| Pink bollworm | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Cotton Fleahoppers | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Lygus | 10000 | 10000 | 1.410 | \$25.00 | \$35.26 | 7.525 | 2934 |
| Cotton Leaf perforators | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Spider Mites | 2000 | 2000 | 0.188 | \$20.00 | \$3.76 | 0.094 | 37 |
| Thrips, early season | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Beet Armyworms | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Fall Armyworms | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Euro ean Cornborers | 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 |
| Saltmarsh Catepillars | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Aphids | 8000 | 8000 | 1.128 | \$25.00 | \$28.21 | 1.128 | 440 |
| Bandedwing Whiteflies | 0 | 0 | 0.000 | n/a | \$0.00 | 0.000 | 0 |
| Sweet Potato Whiteflies | 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 |
| | | | | | | | Cost/Acre |
| | | | | | Foliar insecticide | | \$67.94 |
| Percent Lost: | 8.75 | est. Yield per acre: | | 1250 | at planting | | \$13.16 |
| Total Acres: | 10635 | | | | Bt use fees | | \$0.00 |
| Total Acres Harvested: | 10635 | Cost Loss | | \$2,057,523 | eradication | | \$4.30 |
| Total Bales Lost: | 3411 | cost loss/acre | | \$193.47 | scouting | | \$8.00 |
| Bales lost in \$\$\$: | \$1,064,213 | | | | TOTAL | | \$93.40 |