

Table 8. Alabama Summary

| 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 | 0.000 | 0 |
| Bollworm/budworm | 570,500 | 105,000 | 0.180 | \$7.13 | \$1.28 | 1.091 | 15730 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 40,000 | 0 | 0.000 | N/A | 0.00 | 0.000 | 0 |
| Lygus | 550,500 | 220,000 | 0.564 | \$5.65 | \$3.19 | 2.812 | 40561 |
| Cotton Leafperforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Spider Mites | 100,000 | 8,000 | 0.013 | \$11.75 | \$0.15 | 0.094 | 1354 |
| Thrips, early season | 625,500 | 100,000 | 0.160 | \$4.23 | \$0.68 | 1.711 | 24681 |
| 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 | 345,000 | 130,000 | 0.288 | \$6.21 | \$1.79 | 3.087 | 44531 |
| Gras hoppers | 15,000 | 7,500 | 0.012 | \$9.47 | \$0.11 | 0.000 | 0 |
| Salt-marsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Aphids | 625,500 | 22,000 | 0.035 | \$10.77 | \$0.38 | 0.395 | 5698 |
| Bandedwinged Whitefly | 12,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Silverleaf Whitefly | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Soybean Loopers | 5,000 | 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 | 150,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cutworms | 120,000 | 98,500 | 0.157 | \$2.87 | \$0.45 | 0.000 | 0 |
| | | | | | | | |
| Percent Lost | 9.19 | | Est. yield/acre | 775 | | | Cost/ Acre |
| | | | | | | Foliar insecticide | \$8.03 |
| Total Acres | 625,500 | | Spray applications | 1.409 | | At planting | \$11.17 |
| | | | | | | Bt use fees | \$11.58 |
| | | | Cost + loss | \$63,277,040 | | Eradication | \$5.00 |
| Total Bales lost | 132,556 | | | | | Scouting | \$4.35 |
| Bales lost in dollars | \$38,175,990 | | Cost + loss/acre | \$101.16 | | Total | \$40.13 |

Table 8a. North Alabama

| 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 | 0.000 | 0 |
| Bollworm/budworm | 280,500 | 75,000 | 0.294 | \$7.00 | \$2.06 | 1.250 | 9496 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 0 | 0 | 0.000 | N/A | 0.00 | 0.000 | 0 |
| Lygus | 280,500 | 190,000 | 1.152 | \$5.60 | \$6.45 | 3.750 | 28488 |
| Cotton Leafperforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Spider Mites | 100,000 | 8,000 | 0.029 | \$11.75 | \$0.34 | 0.178 | 1354 |
| Thrips, early season | 280,500 | 90,000 | 0.321 | \$4.20 | \$1.35 | 2.350 | 17853 |
| 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 | 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 | 280,500 | 15,000 | 0.053 | \$11.00 | \$0.59 | 0.750 | 5698 |
| Bandedwinged Whitefly | 10,000 | 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 | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Western Flower Thrips | 150,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cutworms | 110,000 | 95,000 | 0.339 | \$2.75 | \$0.93 | 0.000 | 0 |
| Percent Lost 8.28 | | | | | | | |
| Total Acres 280,500 | | Est. yield/acre 790 | | | | Foliar insecticide | \$11.71 |
| | | Spray applications 2.187 | | | | At planting | \$12.75 |
| | | Cost + loss \$30,491,540 | | | | Bt use fees | \$10.00 |
| Total Bales lost 62,889 | | | | | | Eradication | \$5.00 |
| Bales lost in dollars \$18,111,990 | | Cost + loss/acre \$108.70 | | | | Scouting | \$4.68 |
| | | | | | | Total | \$44.13 |

Table 8b. Central Alabama

| 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 | 0.000 | 0 |
| Bollworm/budworm | 50,000 | 10,000 | 0.118 | \$7.50 | \$0.88 | 0.882 | 1484 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 20,000 | 0 | 0.000 | N/A | 0.00 | 0.000 | 0 |
| Lygus | 70,000 | 20,000 | 0.235 | \$6.00 | \$1.41 | 2.471 | 4156 |
| Cotton Leafperforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Spider Mites | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Thrips, early season | 85,000 | 5,000 | 0.059 | \$5.00 | \$0.29 | 1.000 | 1682 |
| 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 | 85,000 | 30,000 | 0.353 | \$6.00 | \$2.12 | 2.000 | 3365 |
| Gras hoppers | 10,000 | 7,000 | 0.082 | \$9.50 | \$0.78 | 0.000 | 0 |
| Salt-marsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Aphids | 85,000 | 5,000 | 0.059 | \$10.00 | \$0.59 | 0.000 | 0 |
| Bandedwinged Whitefly | 2,000 | 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 | 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 | 5,000 | 3,000 | 0.035 | \$6.00 | \$0.21 | 0.000 | 0 |
| Percent Lost 6.35 | | | | | | | |
| Total Acres 85,000 | | Est. yield/acre 800 | | | | Foliar insecticide | \$6.29 |
| | | Spray applications 0.941 | | | | At planting | \$10.35 |
| | | Cost + loss \$6,467,500 | | | | Bt use fees | \$14.00 |
| Total Bales lost 10,688 | | | | | | Eradication | \$5.00 |
| Bales lost in dollars \$3,078,000 | | Cost + loss/acre \$76.09 | | | | Scouting | \$4.24 |
| | | | | | | Total | \$39.88 |

Table 8c. South Alabama

| 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 | 0.000 | 0 |
| Bollworm/budworm | 240,000 | 20,000 | 0.077 | \$7.50 | \$0.58 | 0.923 | 4750 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 20,000 | 0 | 0.000 | N/A | 0.00 | 0.000 | 0 |
| Lygus | 200,000 | 10,000 | 0.038 | \$6.50 | \$0.25 | 1.538 | 7917 |

| | | | | | | | |
|-------------------------|---------|---------|-------|---------|--------|-------|-------|
| Cotton Leafperforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Spider Mites | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Thrips, early season | 260,000 | 5,000 | 0.019 | \$4.00 | \$0.08 | 1.000 | 5146 |
| 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 | 260,000 | 100,000 | 0.577 | \$6.25 | \$3.61 | 8.000 | 41167 |
| Gras hoppers | 5,000 | 500 | 0.002 | \$9.00 | \$0.02 | 0.000 | 0 |
| Salt-marsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Aphids | 260,000 | 2,000 | 0.008 | \$11.00 | \$0.08 | 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 | 5,000 | 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 | 5,000 | 500 | 0.002 | \$6.00 | \$0.01 | 0.000 | 0 |

| | | | | | | | |
|------------------------------|--------------|--|---------------------------|--------------|--|---------------------------|---------|
| Percent Lost | 11.46 | | Est. yield/acre | 750 | | Cost/ Acre | |
| Total Acres | 260,000 | | Spray applications | 0.723 | | Foliar insecticide | \$4.62 |
| Total Bales lost | 58,979 | | Cost + loss | \$26,318,000 | | At planting | \$9.73 |
| Bales lost in dollars | \$16,986,000 | | Cost + loss/acre | \$101.22 | | Bt use fees | \$12.50 |
| | | | | | | Eradication | \$5.00 |
| | | | | | | Scouting | \$4.04 |
| | | | | | | Total | \$35.89 |