

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | North Carolina | Alamance | Alexander | Alleghany | Anson | Ashe | Avery |
|---|----------------|----------|-----------|-----------|--------|--------|-------|
| Commercial fertilizer, lime, and soil conditioners ¹ | | | | | | | |
| farms, 2002 | 33,911 | 581 | 359 | 395 | 206 | 813 | 427 |
| 1997 | 41,217 | 619 | 428 | 495 | 218 | 975 | 446 |
| acres treated, 2002 | 4,056,927 | 24,278 | 17,138 | 18,258 | 24,195 | 25,651 | 8,383 |
| 1997 | 3,993,070 | 28,770 | 19,684 | 19,108 | 25,288 | 17,555 | 9,127 |
| Cropland fertilized, except cropland pastured | | | | | | | |
| farms, 2002 | 26,809 | 405 | 307 | 368 | 119 | 603 | 414 |
| 1997 | 33,721 | 490 | 253 | 374 | 142 | 876 | 444 |
| acres treated, 2002 | 3,616,451 | 13,302 | 11,567 | 10,935 | 19,212 | 18,316 | 7,886 |
| 1997 | 3,596,248 | 21,525 | 9,800 | 11,877 | 19,035 | 12,623 | 8,801 |
| Pastureland and rangeland fertilized | | | | | | | |
| farms, 2002 | 14,744 | 376 | 213 | 141 | 115 | 339 | 68 |
| 1997 | 14,101 | 233 | 211 | 206 | 95 | 243 | 27 |
| acres treated, 2002 | 440,476 | 10,976 | 5,571 | 7,323 | 4,983 | 7,335 | 497 |
| 1997 | 396,822 | 7,245 | 9,884 | 7,231 | 6,253 | 4,932 | 326 |
| Manure | | | | | | | |
| farms, 2002 | 9,106 | 103 | 305 | 52 | 157 | 46 | 17 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 465,132 | 2,934 | 15,350 | 3,090 | 7,725 | 957 | 68 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | |
| Insects ² | | | | | | | |
| farms, 2002 | 13,981 | 126 | 20 | 133 | 63 | 274 | 349 |
| 1997 | 15,717 | 123 | 84 | 123 | 39 | 366 | 338 |
| acres treated, 2002 | 2,336,809 | 3,302 | 1,586 | 4,556 | 6,665 | 10,289 | 5,698 |
| 1997 | 2,011,011 | 2,440 | 2,686 | 4,565 | 5,101 | 5,953 | 6,546 |
| Weeds, grass, or brush | | | | | | | |
| farms, 2002 | 20,422 | 236 | 173 | 233 | 93 | 376 | 355 |
| 1997 | 17,902 | 246 | 114 | 132 | 100 | 364 | 320 |
| acres treated, 2002 | 3,193,582 | 7,741 | 8,343 | 6,790 | 16,809 | 13,895 | 5,445 |
| 1997 | 2,676,939 | 11,041 | 4,218 | 7,918 | 14,443 | 5,500 | 6,773 |
| Nematodes | | | | | | | |
| farms, 2002 | 3,735 | 22 | - | 8 | 2 | - | 12 |
| 1997 | 5,897 | 21 | - | 29 | 2 | - | 8 |
| acres treated, 2002 | 516,565 | 220 | - | 440 | (D) | - | 135 |
| 1997 | 469,049 | 625 | (D) | 616 | (D) | - | 66 |
| Diseases in crops and orchards | | | | | | | |
| farms, 2002 | 3,723 | 21 | (D) | 43 | - | 78 | 88 |
| 1997 | 6,103 | 15 | 12 | 53 | 20 | 198 | 134 |
| acres treated, 2002 | 364,392 | 324 | 99 | 272 | - | 312 | 1,727 |
| 1997 | 403,478 | 506 | 1,049 | 704 | 176 | 1,467 | 1,224 |
| Chemicals used to control growth, thin fruit, or defoliate | | | | | | | |
| farms, 2002 | 2,690 | 2 | 9 | - | 4 | 1 | 14 |
| 1997 | 2,958 | 1 | 19 | 9 | 3 | 20 | 13 |
| acres on which used, 2002 | 737,735 | (D) | 99 | - | 1,234 | (D) | 658 |
| 1997 | 578,632 | (D) | 348 | 24 | (D) | (D) | 148 |

| Item | Beaufort | Bertie | Bladen | Brunswick | Buncombe | Burke | Cabarrus |
|---|----------|--------|--------|-----------|----------|-------|----------|
| Commercial fertilizer, lime, and soil conditioners ¹ | | | | | | | |
| farms, 2002 | 250 | 230 | 401 | 176 | 828 | 260 | 424 |
| 1997 | 358 | 305 | 481 | 205 | 928 | 358 | 385 |
| acres treated, 2002 | 132,330 | 87,978 | 65,036 | 16,926 | 20,834 | 9,758 | 23,409 |
| 1997 | 135,775 | 86,180 | 51,227 | 19,027 | 20,545 | 6,937 | 20,797 |
| Cropland fertilized, except cropland pastured | | | | | | | |
| farms, 2002 | 246 | 230 | 321 | 133 | 670 | 175 | 229 |
| 1997 | 336 | 305 | 439 | 186 | 761 | 251 | 209 |
| acres treated, 2002 | 132,117 | (D) | 63,391 | 15,187 | 12,789 | 6,904 | 14,920 |
| 1997 | 135,272 | 85,790 | 50,310 | 18,557 | 10,906 | 4,374 | 13,534 |
| Pastureland and rangeland fertilized | | | | | | | |
| farms, 2002 | 13 | 2 | 103 | 66 | 450 | 150 | 264 |
| 1997 | 39 | 11 | 57 | 45 | 542 | 157 | 246 |
| acres treated, 2002 | 213 | (D) | 1,645 | 1,739 | 8,045 | 2,854 | 8,489 |
| 1997 | 503 | 390 | 917 | 470 | 9,639 | 2,563 | 7,263 |
| Manure | | | | | | | |
| farms, 2002 | 10 | 41 | 97 | 24 | 158 | 62 | 153 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 2,487 | 6,308 | 11,521 | 628 | 4,616 | 1,608 | 3,453 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | |
| Insects ² | | | | | | | |
| farms, 2002 | 227 | 179 | 216 | 105 | 259 | 92 | 78 |
| 1997 | 238 | 272 | 218 | 88 | 146 | 68 | 5 |
| acres treated, 2002 | 98,110 | 73,572 | 42,292 | 9,674 | 2,130 | 3,570 | 3,598 |
| 1997 | 86,831 | 69,500 | 27,058 | 6,710 | 2,608 | 1,184 | 79 |
| Weeds, grass, or brush | | | | | | | |
| farms, 2002 | 284 | 224 | 209 | 114 | 390 | 150 | 183 |
| 1997 | 297 | 241 | 283 | 106 | 194 | 98 | 74 |
| acres treated, 2002 | 122,808 | 85,324 | 45,507 | 15,793 | 4,181 | 5,036 | 14,999 |
| 1997 | 118,281 | 75,229 | 35,799 | 9,118 | 4,005 | 3,575 | 6,341 |
| Nematodes | | | | | | | |
| farms, 2002 | 54 | 75 | 100 | 31 | 11 | - | 1 |
| 1997 | 76 | 107 | 107 | 18 | 33 | - | - |
| acres treated, 2002 | 12,322 | 14,816 | 18,853 | 4,633 | 33 | - | (D) |
| 1997 | 12,803 | 7,807 | 6,156 | 1,449 | 311 | - | - |
| Diseases in crops and orchards | | | | | | | |
| farms, 2002 | 19 | 63 | 54 | 18 | 80 | 27 | 2 |
| 1997 | 50 | 90 | 113 | 38 | 167 | 61 | 4 |
| acres treated, 2002 | 12,572 | 18,501 | 4,690 | 1,284 | 358 | 1,027 | (D) |
| 1997 | 13,288 | 14,194 | 5,280 | 704 | 749 | 476 | (D) |
| Chemicals used to control growth, thin fruit, or defoliate | | | | | | | |
| farms, 2002 | 51 | 66 | 56 | 2 | 49 | 8 | - |
| 1997 | 30 | 61 | 40 | 15 | 19 | 7 | 7 |
| acres on which used, 2002 | 28,560 | 28,040 | 18,334 | (D) | 249 | 64 | - |
| 1997 | 8,354 | 23,509 | 5,598 | 1,801 | 40 | 147 | 140 |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Caldwell | Camden | Carteret | Caswell | Catawba | Chatham | Cherokee |
|---|----------|--------|----------|---------|---------|---------|----------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 324 | 53 | 80 | 385 | 364 | 469 | 119 |
| 1997 | 278 | 64 | 87 | 520 | 510 | 544 | 216 |
| acres treated, 2002 | 9,230 | 47,911 | 45,406 | 21,596 | 22,461 | 20,340 | 2,368 |
| 1997 | 11,864 | 42,679 | 45,464 | 23,851 | 29,955 | 17,545 | 5,927 |
| Cropland fertilized, except cropland pastured farms, 2002 | 286 | 50 | 67 | 354 | 240 | 172 | 99 |
| 1997 | 203 | 59 | 81 | 471 | 277 | 319 | 138 |
| acres treated, 2002 | 5,421 | 47,801 | 45,224 | 13,372 | 14,899 | 11,416 | 1,403 |
| 1997 | 8,247 | 42,627 | 45,146 | 17,627 | 19,570 | 8,640 | 2,945 |
| Pastureland and rangeland fertilized farms, 2002 | 202 | 7 | 21 | 180 | 207 | 336 | 35 |
| 1997 | 162 | 7 | 9 | 207 | 336 | 283 | 94 |
| acres treated, 2002 | 3,809 | 110 | 182 | 8,224 | 7,562 | 8,924 | 965 |
| 1997 | 3,617 | 52 | 318 | 6,224 | 10,385 | 8,905 | 2,982 |
| Manure farms, 2002 | 71 | 3 | 13 | 51 | 54 | 351 | 40 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 1,828 | 90 | 55 | 1,813 | 2,057 | 13,817 | 435 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | |
| Insects ² farms, 2002 | 71 | 40 | 50 | 200 | 65 | 169 | 44 |
| 1997 | 54 | 34 | 45 | 244 | 50 | 100 | 30 |
| acres treated, 2002 | 3,021 | 35,626 | 41,330 | 4,162 | 2,619 | 6,238 | 268 |
| 1997 | 2,121 | 28,198 | (D) | 5,793 | 1,802 | 2,094 | 274 |
| Weeds, grass, or brush farms, 2002 | 92 | 50 | 60 | 150 | 236 | 271 | 54 |
| 1997 | 126 | 50 | 55 | 188 | 107 | 224 | 59 |
| acres treated, 2002 | 3,261 | 52,679 | 42,534 | 5,347 | 11,119 | 14,936 | 779 |
| 1997 | 5,109 | 42,327 | 41,284 | 6,576 | 14,074 | 8,028 | 1,299 |
| Nematodes farms, 2002 | 2 | 2 | 23 | 76 | 5 | 18 | 13 |
| 1997 | 7 | 1 | 25 | 43 | 5 | 2 | 1 |
| acres treated, 2002 | (D) | (D) | 1,760 | 1,059 | 30 | 340 | 76 |
| 1997 | 114 | (D) | 1,775 | 847 | 10 | (D) | (D) |
| Diseases in crops and orchards farms, 2002 | 29 | 5 | 25 | 23 | 30 | 37 | 21 |
| 1997 | 32 | 4 | 18 | 62 | 37 | 39 | 11 |
| acres treated, 2002 | 412 | 4,650 | 2,710 | 412 | 223 | 327 | 21 |
| 1997 | 921 | 1,144 | 741 | 1,745 | 2,211 | 471 | 65 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 14 | 3 | 14 | 26 | - | - | 4 |
| 1997 | 9 | 4 | 11 | 21 | 16 | 7 | 15 |
| acres on which used, 2002 | 29 | 968 | 1,385 | 454 | - | - | 4 |
| 1997 | 9 | 1,116 | 939 | 392 | 56 | 105 | 15 |

| Item | Chowan | Clay | Cleveland | Columbus | Craven | Cumberland | Currituck | Dare |
|---|--------|-------|-----------|----------|--------|------------|-----------|-------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 128 | 124 | 611 | 640 | 208 | 311 | 72 | 5 |
| 1997 | 139 | 143 | 656 | 848 | 227 | 336 | 77 | 6 |
| acres treated, 2002 | 39,942 | 3,448 | 37,997 | 89,206 | 47,552 | 34,935 | 26,065 | 3,163 |
| 1997 | 37,244 | 3,915 | 33,133 | 70,161 | 47,998 | 36,996 | 29,712 | 3,474 |
| Cropland fertilized, except cropland pastured farms, 2002 | 125 | 98 | 352 | 609 | 184 | 247 | 59 | 5 |
| 1997 | 139 | 89 | 447 | 795 | 227 | 285 | 72 | 6 |
| acres treated, 2002 | 39,458 | 1,940 | 21,325 | 87,059 | 46,651 | 33,476 | 25,765 | 3,163 |
| 1997 | 36,770 | 1,358 | 21,521 | 68,182 | 47,816 | 33,626 | 29,630 | 3,474 |
| Pastureland and rangeland fertilized farms, 2002 | 18 | 71 | 398 | 151 | 43 | 111 | 14 | - |
| 1997 | 19 | 89 | 330 | 124 | 12 | 107 | 6 | - |
| acres treated, 2002 | 484 | 1,508 | 16,672 | 2,147 | 901 | 1,459 | 300 | - |
| 1997 | 474 | 2,557 | 11,612 | 1,979 | 182 | 3,370 | 82 | - |
| Manure farms, 2002 | 28 | 8 | 86 | 85 | 50 | 53 | 10 | - |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 1,881 | 1,077 | 6,141 | 12,568 | 974 | 2,618 | 703 | - |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 111 | 25 | 88 | 413 | 135 | 197 | 55 | 6 |
| 1997 | 113 | 45 | 74 | 453 | 143 | 123 | 56 | 4 |
| acres treated, 2002 | 37,820 | 94 | 5,724 | 40,770 | 36,122 | 18,446 | 19,882 | 2,791 |
| 1997 | 26,342 | 294 | 4,749 | 29,263 | 33,458 | 13,310 | 17,920 | (D) |
| Weeds, grass, or brush farms, 2002 | 116 | 66 | 299 | 509 | 167 | 244 | 56 | 6 |
| 1997 | 104 | 40 | 145 | 545 | 129 | 134 | 45 | 3 |
| acres treated, 2002 | 41,599 | 1,003 | 22,599 | 70,066 | 40,524 | 28,904 | 29,363 | 2,857 |
| 1997 | 30,322 | 658 | 6,815 | 50,359 | 35,922 | 25,857 | 24,191 | (D) |
| Nematodes farms, 2002 | 55 | - | 26 | 181 | 21 | 31 | 1 | - |
| 1997 | 45 | 9 | 2 | 309 | 71 | 20 | 4 | - |
| acres treated, 2002 | 11,904 | - | 1,391 | 10,783 | 7,204 | 4,739 | (D) | - |
| 1997 | 5,279 | 90 | (D) | 17,085 | 8,853 | 1,886 | (D) | - |
| Diseases in crops and orchards farms, 2002 | 51 | 5 | 10 | 104 | 51 | 42 | 16 | - |
| 1997 | 64 | 22 | 38 | 155 | 44 | 15 | 25 | 1 |
| acres treated, 2002 | 8,750 | 5 | 55 | 4,454 | 4,801 | 959 | 1,545 | - |
| 1997 | 6,433 | 36 | 1,835 | 5,577 | 5,172 | 1,038 | 5,862 | (D) |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 64 | 4 | 12 | 40 | 35 | 26 | 6 | - |
| 1997 | 56 | 16 | 6 | 66 | 24 | 12 | 4 | - |
| acres on which used, 2002 | 20,231 | 12 | 534 | 6,442 | 17,077 | 7,102 | 291 | - |
| 1997 | 9,915 | 171 | 3,460 | 3,090 | 10,690 | 1,908 | (D) | - |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Davidson | Davie | Duplin | Durham | Edgecombe | Forsyth | Franklin | Gaston |
|---|----------|--------|-----------|--------|-----------|---------|----------|---------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 835 | 562 | 623 | 136 | 191 | 459 | 289 | 236 |
| 1997 | 877 | 506 | 880 | 123 | 261 | 659 | 344 | 320 |
| acres treated, 2002 | 34,381 | 37,665 | 119,524 | 4,931 | 91,766 | 13,644 | 39,480 | 10,058 |
| 1997 | 29,945 | 25,241 | 107,881 | 6,529 | 108,497 | 19,416 | 37,951 | 12,157 |
| Cropland fertilized, except cropland pastured farms, 2002 | 663 | 381 | 553 | 96 | 181 | 284 | 238 | 158 |
| 1997 | 689 | 322 | 836 | 89 | 250 | 456 | 296 | 181 |
| acres treated, 2002 | 23,621 | 20,593 | 115,211 | 2,665 | 90,595 | 9,183 | 33,546 | 6,520 |
| 1997 | 21,551 | 13,569 | 106,095 | 4,043 | 107,226 | 12,887 | 34,332 | 7,351 |
| Pastureland and rangeland fertilized farms, 2002 | 495 | 388 | 132 | 74 | 25 | 272 | 95 | 132 |
| 1997 | 434 | 302 | 88 | 60 | 26 | 275 | 102 | 224 |
| acres treated, 2002 | 10,760 | 17,072 | 4,313 | 2,266 | 1,171 | 4,461 | 5,934 | 3,538 |
| 1997 | 8,394 | 11,672 | 1,786 | 2,486 | 1,271 | 6,529 | 3,619 | 4,806 |
| Manure farms, 2002 | 238 | 88 | 342 | 52 | 42 | 77 | 41 | 121 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 6,819 | 2,006 | 29,675 | 446 | 2,831 | 866 | 2,362 | 3,033 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 245 | 33 | 365 | 43 | 163 | 101 | 152 | 25 |
| 1997 | 145 | 46 | 522 | 48 | 212 | 122 | 181 | 17 |
| acres treated, 2002 | 6,176 | 3,560 | 67,789 | 1,052 | 68,944 | 6,517 | 13,469 | 544 |
| 1997 | 2,548 | 3,544 | 65,470 | 1,945 | 64,632 | 3,116 | 10,556 | 609 |
| Weeds, grass, or brush farms, 2002 | 450 | 142 | 594 | 55 | 191 | 140 | 155 | 89 |
| 1997 | 200 | 107 | 459 | 43 | 183 | 199 | 164 | 89 |
| acres treated, 2002 | 13,638 | 14,128 | 94,833 | 1,441 | 83,507 | 8,801 | 30,241 | 2,894 |
| 1997 | 11,297 | 8,011 | 69,883 | 2,352 | 75,490 | 4,214 | 24,248 | 4,692 |
| Nematodes farms, 2002 | 36 | - | 149 | 12 | 76 | 31 | 39 | - |
| 1997 | 16 | 9 | 254 | 13 | 118 | 610 | 97 | - |
| acres treated, 2002 | 124 | - | 32,074 | 348 | 14,857 | 610 | 2,293 | - |
| 1997 | 235 | 99 | 20,582 | 571 | 12,005 | 646 | 5,950 | - |
| Diseases in crops and orchards farms, 2002 | 26 | 16 | 102 | 7 | 60 | 3 | 41 | 4 |
| 1997 | 74 | 8 | 140 | 17 | 39 | 89 | 39 | 4 |
| acres treated, 2002 | 614 | 145 | 20,044 | 146 | 11,659 | 600 | 1,568 | 4 |
| 1997 | 441 | 16 | 11,207 | 712 | 16,104 | 378 | 5,049 | - |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 19 | 3 | 90 | 12 | 67 | 11 | 9 | 1 |
| 1997 | 17 | 1 | 100 | 4 | 97 | 15 | 18 | 3 |
| acres on which used, 2002 | 86 | 108 | 20,179 | 373 | 30,303 | 772 | 885 | (D) |
| 1997 | 729 | (D) | 8,376 | 340 | 31,722 | 789 | 2,497 | (D) |
| Item | Gates | Graham | Granville | Greene | Guilford | Halifax | Harnett | Haywood |
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 72 | 78 | 389 | 186 | 809 | 175 | 395 | 634 |
| 1997 | 121 | 108 | 515 | 280 | 818 | 260 | 529 | 679 |
| acres treated, 2002 | 37,226 | 1,282 | 22,258 | 62,663 | 35,860 | 94,343 | 51,934 | 16,185 |
| 1997 | 46,066 | 1,716 | 20,327 | 59,926 | 33,406 | 113,138 | 50,446 | 14,667 |
| Cropland fertilized, except cropland pastured farms, 2002 | 68 | 64 | 309 | 177 | 674 | 152 | 351 | 195 |
| 1997 | 118 | 71 | 472 | 260 | 676 | 232 | 403 | 530 |
| acres treated, 2002 | 36,840 | 610 | 14,614 | 61,324 | 25,421 | 91,390 | 47,090 | 6,540 |
| 1997 | 45,591 | 509 | 16,552 | 59,368 | 25,445 | 107,413 | 46,241 | 7,241 |
| Pastureland and rangeland fertilized farms, 2002 | 8 | 39 | 181 | 30 | 407 | 44 | 181 | 338 |
| 1997 | 10 | 61 | 103 | 25 | 348 | 49 | 200 | 314 |
| acres treated, 2002 | 386 | 672 | 7,644 | 1,339 | 10,439 | 2,953 | 4,844 | 9,645 |
| 1997 | 475 | 1,207 | 3,775 | 558 | 7,961 | 5,725 | 4,205 | 7,426 |
| Manure farms, 2002 | 17 | 7 | 38 | 64 | 235 | 24 | 137 | 161 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 2,754 | 54 | 349 | 6,136 | 3,341 | 2,944 | 9,557 | 1,637 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 72 | 25 | 141 | 155 | 214 | 122 | 259 | 127 |
| 1997 | 105 | 22 | 257 | 172 | 239 | 196 | 213 | 138 |
| acres treated, 2002 | 39,638 | (D) | 5,267 | 45,241 | 7,225 | 72,314 | 26,473 | 1,503 |
| 1997 | 36,642 | 70 | 8,885 | 37,876 | 6,781 | 82,633 | 25,259 | 1,405 |
| Weeds, grass, or brush farms, 2002 | 68 | 42 | 157 | 157 | 346 | 121 | 319 | 240 |
| 1997 | 100 | 23 | 115 | 183 | 264 | 182 | 230 | 249 |
| acres treated, 2002 | 42,973 | 400 | 8,865 | 54,023 | 14,845 | 82,668 | 48,373 | 3,277 |
| 1997 | 40,740 | (D) | 6,776 | 45,182 | 13,552 | 85,935 | 31,824 | 4,100 |
| Nematodes farms, 2002 | 28 | 2 | 40 | 81 | 14 | 59 | 142 | 26 |
| 1997 | 39 | 8 | 83 | 162 | 72 | 50 | 108 | 46 |
| acres treated, 2002 | 6,722 | (D) | 1,150 | 10,904 | 587 | 15,604 | 21,386 | 37 |
| 1997 | 3,789 | 13 | 2,375 | 12,768 | 1,724 | 10,201 | 14,293 | 630 |
| Diseases in crops and orchards farms, 2002 | 46 | 9 | 34 | 46 | 35 | 48 | 60 | 70 |
| 1997 | 66 | 11 | 80 | 77 | 35 | 90 | 52 | 86 |
| acres treated, 2002 | 12,666 | 20 | 1,616 | 7,192 | 434 | 15,594 | 4,617 | 872 |
| 1997 | 10,112 | 11 | 2,496 | 10,050 | 707 | 17,931 | 4,964 | 416 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 37 | 3 | 25 | 49 | 70 | 45 | 89 | 15 |
| 1997 | 51 | - | 26 | 66 | 35 | 121 | 24 | 2 |
| acres on which used, 2002 | 15,545 | 7 | 1,118 | 15,565 | 601 | 29,752 | 18,080 | 57 |
| 1997 | 17,798 | - | 739 | 11,396 | 550 | 48,822 | 6,385 | (D) |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Henderson | Hertford | Hoke | Hyde | Iredell | Jackson | Johnston | Jones | |
|---|-------------|----------|--------|--------|---------|---------|----------|--------|--------|
| Commercial fertilizer, lime, and soil conditioners ¹ | farms, 2002 | 416 | 88 | 132 | 81 | 865 | 200 | 667 | 101 |
| | 1997 | 485 | 136 | 142 | 98 | 869 | 204 | 1,010 | 143 |
| acres treated, 2002 | 21,455 | 46,699 | 36,522 | 72,419 | 58,653 | 4,761 | 113,676 | 46,068 | |
| | 1997 | 22,754 | 43,518 | 32,060 | 61,891 | 62,811 | 4,344 | 87,923 | 42,365 |
| Cropland fertilized, except cropland pastured | farms, 2002 | 364 | 85 | 107 | 75 | 525 | 186 | 600 | 90 |
| | 1997 | 429 | 133 | 118 | 93 | 665 | 170 | 901 | 136 |
| acres treated, 2002 | 18,834 | 46,693 | 35,556 | 72,367 | 39,786 | 3,876 | 106,017 | 44,638 | |
| | 1997 | 19,820 | 43,490 | 31,656 | 61,821 | 41,263 | 3,527 | 82,755 | 41,785 |
| Pastureland and rangeland fertilized | farms, 2002 | 94 | 3 | 46 | 8 | 593 | 55 | 214 | 29 |
| | 1997 | 121 | 5 | 33 | 11 | 504 | 72 | 231 | 17 |
| acres treated, 2002 | 2,621 | 6 | 966 | 52 | 18,867 | 885 | 7,659 | 1,430 | |
| | 1997 | 2,934 | 28 | 404 | 70 | 21,548 | 817 | 5,168 | 580 |
| Manure | farms, 2002 | 74 | 21 | 19 | 8 | 285 | 19 | 153 | 45 |
| | 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 7,870 | 2,619 | 1,280 | 58 | 14,990 | 19 | 6,086 | 3,620 | |
| | 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | |
| Chemicals used to control-Insects ² | farms, 2002 | 232 | 80 | 76 | 64 | 140 | 87 | 395 | 84 |
| | 1997 | 259 | 119 | 81 | 73 | 186 | 62 | 510 | 71 |
| acres treated, 2002 | 13,054 | 37,183 | 29,782 | 57,731 | 10,877 | 1,419 | 79,658 | 34,944 | |
| | 1997 | 14,178 | 30,585 | 20,945 | 44,871 | 9,333 | 2,177 | 40,549 | 28,991 |
| Weeds, grass, or brush | farms, 2002 | 183 | 82 | 100 | 70 | 521 | 124 | 664 | 90 |
| | 1997 | 224 | 96 | 67 | 84 | 343 | 114 | 507 | 71 |
| acres treated, 2002 | 12,802 | 41,810 | 35,884 | 73,112 | 30,223 | 2,538 | 96,534 | 39,359 | |
| | 1997 | 12,196 | 31,582 | 19,346 | 57,354 | 22,670 | 2,429 | 60,137 | 27,716 |
| Nematodes | farms, 2002 | 20 | 33 | 19 | 8 | 3 | 4 | 210 | 32 |
| | 1997 | 34 | 40 | 24 | 8 | 15 | 7 | 347 | 50 |
| acres treated, 2002 | 422 | 5,469 | 11,848 | 3,638 | (D) | 196 | 32,256 | 7,291 | |
| | 1997 | 1,049 | 3,463 | 9,388 | 4,780 | 463 | 77 | 19,199 | 9,127 |
| Diseases in crops and orchards | farms, 2002 | 135 | 34 | 14 | 8 | 24 | 25 | 63 | 27 |
| | 1997 | 234 | 60 | 21 | 19 | 39 | 41 | 177 | 26 |
| acres treated, 2002 | 7,655 | 8,318 | 1,040 | 5,178 | 695 | 741 | 5,850 | 8,285 | |
| | 1997 | 8,997 | 11,116 | 6,692 | 3,531 | 778 | 957 | 14,666 | 11,760 |
| Chemicals used to control growth, thin fruit, or defoliate | farms, 2002 | 91 | 21 | 24 | 19 | 1 | - | 81 | 25 |
| | 1997 | 78 | 37 | 22 | 10 | 1 | 9 | 64 | 41 |
| acres on which used, 2002 | 5,514 | 10,086 | 16,117 | 17,094 | (D) | - | 18,948 | 20,777 | |
| | 1997 | 1,912 | 11,601 | 14,043 | 3,689 | (D) | 222 | 9,528 | 18,480 |

| Item | Lee | Lenoir | Lincoln | McDowell | Macon | Madison | Martin | Mecklenburg | |
|---|-------------|--------|---------|----------|-------|---------|--------|-------------|--------|
| Commercial fertilizer, lime, and soil conditioners ¹ | farms, 2002 | 153 | 267 | 357 | 189 | 254 | 764 | 254 | 200 |
| | 1997 | 214 | 386 | 410 | 184 | 290 | 907 | 369 | 225 |
| acres treated, 2002 | 14,419 | 76,845 | 24,943 | 4,608 | 7,941 | 10,841 | 75,414 | 5,928 | |
| | 1997 | 11,207 | 90,528 | 25,561 | 4,359 | 6,771 | 10,549 | 75,921 | 10,899 |
| Cropland fertilized, except cropland pastured | farms, 2002 | 138 | 243 | 241 | 142 | 186 | 618 | 242 | 144 |
| | 1997 | 165 | 371 | 296 | 107 | 216 | 803 | 361 | 159 |
| acres treated, 2002 | 11,473 | 75,567 | 18,700 | 2,715 | 3,286 | 5,928 | 74,728 | 3,937 | |
| | 1997 | 10,123 | 88,134 | 16,984 | 2,606 | 3,382 | 4,917 | 75,143 | 6,710 |
| Pastureland and rangeland fertilized | farms, 2002 | 72 | 44 | 238 | 99 | 170 | 282 | 18 | 118 |
| | 1997 | 69 | 72 | 231 | 103 | 185 | 255 | 17 | 96 |
| acres treated, 2002 | 2,946 | 1,278 | 6,243 | 1,893 | 4,655 | 4,913 | 686 | 1,991 | |
| | 1997 | 1,084 | 2,394 | 8,577 | 1,753 | 3,389 | 5,632 | 778 | 4,189 |
| Manure | farms, 2002 | 68 | 69 | 88 | 25 | 21 | 83 | 22 | 81 |
| | 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 2,419 | 5,709 | 1,946 | 799 | 955 | 299 | 984 | 877 | |
| | 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | |
| Chemicals used to control-Insects ² | farms, 2002 | 105 | 191 | 61 | 49 | 64 | 217 | 234 | 60 |
| | 1997 | 83 | 233 | 59 | 41 | 55 | 376 | 297 | 38 |
| acres treated, 2002 | 6,651 | 60,149 | 4,570 | 765 | 512 | 1,815 | 68,575 | 425 | |
| | 1997 | 5,811 | 58,415 | 3,442 | 848 | 510 | 2,044 | 64,401 | 1,026 |
| Weeds, grass, or brush | farms, 2002 | 94 | 234 | 131 | 137 | 64 | 382 | 226 | 92 |
| | 1997 | 58 | 222 | 129 | 70 | 86 | 318 | 245 | 83 |
| acres treated, 2002 | 10,778 | 65,187 | 9,933 | 2,056 | 1,651 | 5,698 | 67,931 | 2,553 | |
| | 1997 | 8,494 | 61,935 | 10,073 | 1,918 | 1,347 | 1,792 | 58,260 | 6,461 |
| Nematodes | farms, 2002 | 55 | 111 | 3 | 10 | 24 | 19 | 85 | - |
| | 1997 | 76 | 136 | 2 | 4 | 12 | 116 | 146 | 5 |
| acres treated, 2002 | 1,895 | 20,531 | 15 | 18 | 96 | 71 | 16,855 | - | |
| | 1997 | 4,472 | 19,891 | (D) | (D) | 246 | 1,116 | 15,029 | 500 |
| Diseases in crops and orchards | farms, 2002 | 36 | 59 | 5 | 11 | 24 | 93 | 109 | 11 |
| | 1997 | 15 | 63 | 27 | 18 | 17 | 358 | 95 | 5 |
| acres treated, 2002 | 577 | 12,527 | 180 | 140 | 123 | 175 | 12,433 | 21 | |
| | 1997 | 1,330 | 6,573 | 650 | 471 | 42 | 1,627 | 12,174 | 227 |
| Chemicals used to control growth, thin fruit, or defoliate | farms, 2002 | 19 | 85 | 2 | 14 | 5 | - | 119 | 3 |
| | 1997 | 16 | 70 | 1 | 7 | 9 | 53 | 168 | 3 |
| acres on which used, 2002 | 1,249 | 31,202 | (D) | 130 | 5 | - | 37,790 | 140 | |
| | 1997 | 1,609 | 18,249 | (D) | 180 | 90 | 219 | 30,565 | (D) |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Mitchell | Montgomery | Moore | Nash | New Hanover | Northampton | Onslow | Orange |
|---|----------|------------|--------|------------|-------------|-------------|--------|----------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 247 | 137 | 408 | 264 | 43 | 218 | 255 | 367 |
| 1997 | 302 | 171 | 437 | 339 | 43 | 346 | 282 | 397 |
| acres treated, 2002 | 4,364 | 5,665 | 11,709 | 89,564 | 1,372 | 78,635 | 32,970 | 17,022 |
| 1997 | 3,024 | 6,277 | 20,925 | 90,949 | 2,664 | 114,307 | 34,660 | 23,006 |
| Cropland fertilized, except cropland pastured farms, 2002 | 222 | 111 | 256 | 244 | 39 | 208 | 199 | 265 |
| 1997 | 262 | 129 | 340 | 331 | 41 | 335 | 250 | 280 |
| acres treated, 2002 | 2,828 | 3,660 | 7,630 | 83,912 | 1,338 | 78,192 | 32,091 | 9,542 |
| 1997 | 1,850 | 3,835 | 17,782 | 88,778 | 2,580 | 113,334 | 33,530 | 14,495 |
| Pastureland and rangeland fertilized farms, 2002 | 80 | 51 | 209 | 69 | 4 | 23 | 82 | 209 |
| 1997 | 77 | 56 | 188 | 36 | 5 | 30 | 71 | 218 |
| acres treated, 2002 | 1,536 | 2,005 | 4,079 | 5,652 | 34 | 443 | 879 | 7,480 |
| 1997 | 1,174 | 2,442 | 3,143 | 2,171 | 84 | 973 | 1,130 | 8,511 |
| Manure farms, 2002 | 28 | 87 | 214 | 103 | 8 | 45 | 130 | 123 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 298 | 5,699 | 6,215 | 11,823 | 366 | 5,226 | 3,904 | 2,086 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 132 | 41 | 145 | 165 | 22 | 184 | 160 | 139 |
| 1997 | 122 | 30 | 173 | 270 | 25 | 285 | 144 | 81 |
| acres treated, 2002 | 1,695 | 1,766 | 3,894 | 59,357 | 499 | 68,893 | 18,328 | 1,800 |
| 1997 | 826 | 775 | 6,819 | 64,988 | (D) | 88,740 | 17,359 | 2,790 |
| Weeds, grass, or brush farms, 2002 | 161 | 73 | 227 | 234 | 28 | 211 | 221 | 205 |
| 1997 | 167 | 42 | 206 | 201 | 23 | 255 | 156 | 125 |
| acres treated, 2002 | 2,779 | 4,154 | 9,129 | 72,766 | 644 | 65,404 | 24,636 | 4,065 |
| 1997 | 1,484 | 1,666 | 11,627 | 73,951 | 1,546 | 85,294 | 25,977 | 10,528 |
| Nematodes farms, 2002 | 7 | 8 | 29 | 51 | 2 | 46 | 38 | 67 |
| 1997 | 27 | 2 | 82 | 140 | 1 | 96 | 87 | 29 |
| acres treated, 2002 | 28 | 386 | 1,178 | 12,397 | (D) | 10,471 | 3,778 | 992 |
| 1997 | 28 | (D) | 4,007 | 18,314 | (D) | 15,792 | 9,887 | 751 |
| Diseases in crops and orchards farms, 2002 | 69 | 14 | 24 | 31 | 10 | 45 | 28 | 38 |
| 1997 | 93 | 21 | 62 | 102 | 6 | 137 | 45 | 35 |
| acres treated, 2002 | 616 | 460 | 499 | 11,092 | 69 | 11,848 | 1,188 | 77 |
| 1997 | 245 | 394 | 2,014 | 10,245 | (D) | 25,370 | 3,641 | 586 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 18 | 1 | 67 | 70 | 1 | 92 | 14 | - |
| 1997 | 32 | 2 | 12 | 84 | 4 | 165 | 27 | - |
| acres on which used, 2002 | 45 | (D) | 925 | 25,069 | (D) | 33,839 | 5,149 | - |
| 1997 | 75 | (D) | 1,237 | 23,814 | 5 | 49,221 | 4,186 | (D) |
| Item | Pamlico | Pasquotank | Pender | Perquimans | Person | Pitt | Polk | Randolph |
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 44 | 125 | 185 | 160 | 221 | 362 | 191 | 649 |
| 1997 | 57 | 152 | 242 | 189 | 335 | 388 | 170 | 806 |
| acres treated, 2002 | 39,603 | 86,493 | 32,207 | 79,888 | 27,126 | 122,973 | 6,952 | 30,492 |
| 1997 | 38,068 | 64,582 | 32,209 | 64,631 | 34,158 | 129,465 | 7,066 | 34,487 |
| Cropland fertilized, except cropland pastured farms, 2002 | 44 | 125 | 169 | 160 | 196 | 276 | 132 | 475 |
| 1997 | 51 | 152 | 184 | 187 | 303 | 306 | 107 | 528 |
| acres treated, 2002 | 39,516 | 86,493 | 31,429 | 79,665 | 22,247 | 121,228 | 3,502 | 19,605 |
| 1997 | 37,834 | 64,573 | 31,383 | 64,367 | 27,179 | 127,462 | 3,668 | 23,053 |
| Pastureland and rangeland fertilized farms, 2002 | 3 | - | 29 | 13 | 79 | 95 | 124 | 292 |
| 1997 | 10 | 5 | 80 | 17 | 110 | 109 | 107 | 449 |
| acres treated, 2002 | 87 | - | 778 | 223 | 4,879 | 1,745 | 3,450 | 10,887 |
| 1997 | 234 | 9 | 826 | 264 | 6,979 | 2,003 | 3,398 | 11,434 |
| Manure farms, 2002 | 2 | 6 | 63 | 27 | 37 | 61 | 51 | 418 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | (D) | 655 | 3,483 | 2,762 | 739 | 5,749 | 599 | 17,481 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 36 | 96 | 105 | 129 | 107 | 242 | 60 | 111 |
| 1997 | 34 | 121 | 118 | 146 | 200 | 248 | 17 | 117 |
| acres treated, 2002 | 31,269 | 59,419 | 21,180 | 63,916 | 4,940 | 91,989 | 597 | 4,976 |
| 1997 | 27,362 | 36,167 | 19,137 | 41,703 | 7,795 | 77,258 | 290 | 3,717 |
| Weeds, grass, or brush farms, 2002 | 38 | 114 | 160 | 157 | 145 | 320 | 120 | 383 |
| 1997 | 40 | 126 | 138 | 148 | 151 | 231 | 67 | 298 |
| acres treated, 2002 | 39,823 | 72,333 | 24,814 | 73,619 | 17,532 | 111,332 | 3,309 | 16,482 |
| 1997 | 32,583 | 42,789 | 22,605 | 55,528 | 14,811 | 90,611 | 2,449 | 17,421 |
| Nematodes farms, 2002 | 8 | 19 | 12 | 31 | 19 | 97 | 20 | 32 |
| 1997 | 11 | 12 | 46 | 56 | 48 | 177 | - | 29 |
| acres treated, 2002 | (D) | 2,529 | 2,391 | 9,354 | 841 | 27,435 | 23 | 585 |
| 1997 | 1,232 | 1,002 | 2,103 | 2,639 | 1,427 | 27,605 | - | 621 |
| Diseases in crops and orchards farms, 2002 | 15 | 17 | 22 | 69 | 4 | 60 | 28 | 26 |
| 1997 | 18 | 21 | 39 | 59 | 48 | 101 | 20 | 6 |
| acres treated, 2002 | 4,438 | 5,876 | 4,289 | 5,750 | 214 | 30,000 | 426 | 1,185 |
| 1997 | 4,162 | 3,151 | 4,445 | 6,050 | 2,308 | 18,744 | 393 | 605 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 8 | 12 | 7 | 52 | 15 | 77 | - | 1 |
| 1997 | 10 | 19 | 4 | 63 | 25 | 80 | - | 28 |
| acres on which used, 2002 | 4,295 | 2,098 | 3,734 | 23,470 | 555 | 35,496 | - | (D) |
| 1997 | 4,364 | 2,476 | 960 | 9,121 | 813 | 26,326 | - | 546 |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Richmond | Robeson | Rockingham | Rowan | Rutherford | Sampson | Scotland | Stanly |
|---|----------|---------|------------|--------------|------------|---------|----------|--------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 100 | 666 | 678 | 538 | 343 | 878 | 101 | 319 |
| 1997 | 155 | 1,014 | 780 | 734 | 390 | 938 | 95 | 403 |
| acres treated, 2002 | 10,782 | 183,166 | 30,333 | 52,253 | 14,636 | 165,752 | 33,888 | 46,803 |
| 1997 | 14,036 | 165,814 | 27,972 | 50,365 | 12,421 | 162,694 | 37,010 | 44,660 |
| Cropland fertilized, except cropland pastured farms, 2002 | 80 | 592 | 547 | 425 | 212 | 809 | 80 | 227 |
| 1997 | 150 | 920 | 686 | 505 | 259 | 899 | 81 | 221 |
| acres treated, 2002 | 8,553 | 181,246 | 22,430 | 35,311 | 9,348 | 156,447 | 33,027 | 40,672 |
| 1997 | 12,565 | 163,347 | 22,126 | 36,134 | 5,887 | 157,959 | 36,326 | 34,635 |
| Pastureland and rangeland fertilized farms, 2002 | 43 | 307 | 373 | 361 | 189 | 243 | 30 | 155 |
| 1997 | 40 | 137 | 249 | 364 | 204 | 93 | 21 | 269 |
| acres treated, 2002 | 2,229 | 1,920 | 7,903 | 16,942 | 5,288 | 9,305 | 861 | 6,131 |
| 1997 | 1,471 | 2,467 | 5,846 | 14,231 | 6,534 | 4,735 | 684 | 10,025 |
| Manure farms, 2002 | 80 | 139 | 85 | 104 | 55 | 368 | 38 | 60 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 5,775 | 11,116 | 1,373 | 3,803 | 2,199 | 27,833 | 5,216 | 6,466 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 49 | 445 | 274 | 117 | 12 | 533 | 51 | 76 |
| 1997 | 40 | 524 | 324 | 103 | 45 | 528 | 43 | 31 |
| acres treated, 2002 | 5,766 | 101,024 | 7,352 | 11,559 | (D) | 107,572 | 17,462 | 15,099 |
| 1997 | 5,105 | 85,935 | 8,805 | 4,115 | 520 | 89,701 | 22,001 | 5,820 |
| Weeds, grass, or brush farms, 2002 | 75 | 548 | 249 | 277 | 66 | 678 | 67 | 140 |
| 1997 | 100 | 640 | 205 | 216 | 96 | 610 | 59 | 168 |
| acres treated, 2002 | 7,689 | 164,127 | 13,232 | 25,770 | 4,273 | 142,177 | 27,359 | 37,052 |
| 1997 | 7,275 | 131,970 | 7,585 | 19,270 | 1,843 | 114,387 | 23,409 | 23,612 |
| Nematodes farms, 2002 | 6 | 186 | 29 | 1 | - | 195 | 9 | 1 |
| 1997 | 20 | 305 | 97 | 3 | - | 217 | 19 | 5 |
| acres treated, 2002 | (D) | 23,367 | 709 | (D) | - | 37,766 | 3,575 | (D) |
| 1997 | 607 | 39,612 | 2,096 | 373 | - | 27,951 | 9,023 | 250 |
| Diseases in crops and orchards farms, 2002 | 6 | 120 | 71 | 42 | - | 124 | 8 | 2 |
| 1997 | 17 | 172 | 81 | 16 | 2 | 134 | 1 | 10 |
| acres treated, 2002 | (D) | 6,341 | 771 | 1,082 | - | 14,226 | (D) | (D) |
| 1997 | 337 | 15,961 | 1,684 | 833 | (D) | 17,643 | (D) | 1,016 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 5 | 58 | 29 | 4 | 6 | 170 | 17 | 23 |
| 1997 | 5 | 96 | 28 | 9 | - | 151 | 24 | 18 |
| acres on which used, 2002 | 3,652 | 15,258 | 948 | 1,480 | 600 | 57,195 | 9,394 | 9,125 |
| 1997 | (D) | 32,317 | 961 | 953 | - | 36,976 | 13,204 | 7,249 |
| Item | Stokes | Surry | Swain | Transylvania | Tyrrell | Union | Vance | Wake |
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 692 | 839 | 53 | 149 | 73 | 313 | 134 | 525 |
| 1997 | 924 | 1,070 | 65 | 160 | 71 | 602 | 218 | 676 |
| acres treated, 2002 | 21,670 | 53,452 | 917 | 6,052 | 56,889 | 76,245 | 10,431 | 19,213 |
| 1997 | 16,788 | 37,789 | 1,108 | 3,779 | 43,002 | 82,378 | 11,079 | 37,557 |
| Cropland fertilized, except cropland pastured farms, 2002 | 542 | 626 | 45 | 107 | 70 | 205 | 118 | 368 |
| 1997 | 804 | 872 | 46 | 126 | 66 | 423 | 194 | 560 |
| acres treated, 2002 | 15,814 | 39,308 | (D) | 3,912 | 56,616 | 68,550 | 7,980 | 15,734 |
| 1997 | 12,150 | 27,231 | 518 | 1,852 | 42,875 | 74,898 | 9,382 | 32,818 |
| Pastureland and rangeland fertilized farms, 2002 | 366 | 433 | 27 | 79 | 8 | 157 | 46 | 242 |
| 1997 | 262 | 472 | 28 | 59 | 7 | 253 | 61 | 199 |
| acres treated, 2002 | 5,856 | 14,144 | (D) | 2,140 | 273 | 7,695 | 2,451 | 3,479 |
| 1997 | 4,638 | 10,558 | 590 | 1,927 | 127 | 7,480 | 1,697 | 4,739 |
| Manure farms, 2002 | 78 | 205 | 10 | 38 | 1 | 289 | 20 | 107 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 2,056 | 4,847 | 66 | 440 | (D) | 38,705 | 482 | 1,209 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 260 | 215 | 24 | 38 | 55 | 160 | 79 | 268 |
| 1997 | 385 | 393 | 22 | 66 | 40 | 47 | 118 | 354 |
| acres treated, 2002 | 4,781 | 10,733 | 235 | 385 | 46,451 | 45,340 | 3,721 | 8,713 |
| 1997 | 6,420 | 11,147 | 153 | 430 | 32,433 | 16,921 | 4,350 | 14,899 |
| Weeds, grass, or brush farms, 2002 | 298 | 312 | 31 | 85 | 57 | 288 | 90 | 397 |
| 1997 | 228 | 341 | 27 | 93 | 56 | 378 | 103 | 361 |
| acres treated, 2002 | 6,891 | 18,112 | 273 | 2,530 | 55,822 | 84,969 | 7,416 | 12,422 |
| 1997 | 3,770 | 12,972 | 209 | 1,682 | 37,591 | 84,312 | 7,056 | 20,302 |
| Nematodes farms, 2002 | 22 | 40 | - | - | 10 | 2 | 31 | 137 |
| 1997 | 144 | 109 | 1 | 6 | 6 | 2 | 45 | 236 |
| acres treated, 2002 | 216 | 2,084 | - | - | 7,341 | (D) | 1,358 | 6,299 |
| 1997 | 1,368 | 2,333 | (D) | 6 | (D) | (D) | 1,899 | 10,609 |
| Diseases in crops and orchards farms, 2002 | 67 | 18 | 2 | 10 | 11 | 6 | 19 | 83 |
| 1997 | 98 | 138 | 7 | 25 | 5 | 17 | 50 | 135 |
| acres treated, 2002 | 641 | 813 | (D) | 114 | 1,874 | (D) | 942 | 1,781 |
| 1997 | 595 | 1,903 | 9 | 92 | 1,705 | 181 | 1,648 | 6,666 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 75 | 27 | - | 2 | 1 | 7 | 10 | 30 |
| 1997 | 45 | 30 | 1 | 10 | 4 | 6 | 8 | 24 |
| acres on which used, 2002 | 751 | 488 | - | (D) | (D) | 5,388 | 547 | 1,016 |
| 1997 | 330 | 724 | (D) | 30 | 1,490 | (D) | 760 | 2,716 |

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item | Warren | Washington | Watauga | Wayne | Wilkes | Wilson | Yadkin | Yancey |
|---|--------|------------|---------|---------|--------|--------|--------|--------|
| Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002 | 164 | 135 | 613 | 497 | 562 | 202 | 772 | 389 |
| 1997 | 204 | 151 | 596 | 679 | 646 | 372 | 793 | 621 |
| acres treated, 2002 | 26,054 | 82,991 | 7,942 | 96,816 | 25,577 | 78,621 | 62,582 | 6,641 |
| 1997 | 16,217 | 79,718 | 8,819 | 113,750 | 25,920 | 68,517 | 45,581 | 4,910 |
| Cropland fertilized, except cropland pastured farms, 2002 | 119 | 125 | 454 | 428 | 353 | 192 | 620 | 347 |
| 1997 | 182 | 126 | 520 | 622 | 437 | 337 | 660 | 561 |
| acres treated, 2002 | 16,614 | 82,644 | 3,691 | 92,737 | 11,357 | 77,270 | 48,413 | 3,055 |
| 1997 | 13,039 | 78,982 | 5,221 | 111,384 | 16,193 | 67,694 | 35,667 | 2,549 |
| Pastureland and rangeland fertilized farms, 2002 | 107 | 22 | 272 | 152 | 355 | 45 | 426 | 126 |
| 1997 | 49 | 32 | 174 | 133 | 288 | 68 | 359 | 172 |
| acres treated, 2002 | 9,440 | 347 | 4,251 | 4,079 | 14,220 | 1,351 | 14,169 | 3,586 |
| 1997 | 3,178 | 736 | 3,598 | 2,366 | 9,727 | 823 | 9,914 | 2,361 |
| Manure farms, 2002 | 15 | 24 | 135 | 144 | 481 | 5 | 293 | 36 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| acres treated, 2002 | 1,120 | 1,607 | 2,047 | 13,771 | 18,778 | 1,285 | 14,335 | 784 |
| 1997 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Chemicals used to control- | | | | | | | | |
| Insects ² farms, 2002 | 86 | 94 | 210 | 276 | 77 | 158 | 205 | 174 |
| 1997 | 75 | 101 | 231 | 469 | 97 | 295 | 237 | 164 |
| acres treated, 2002 | 5,124 | 67,737 | 1,350 | 63,003 | 3,649 | 61,469 | 18,548 | 956 |
| 1997 | 3,734 | 60,298 | 1,427 | 72,637 | 6,017 | 45,902 | 8,569 | 607 |
| Weeds, grass, or brush farms, 2002 | 83 | 131 | 324 | 394 | 365 | 185 | 448 | 181 |
| 1997 | 52 | 108 | 246 | 392 | 327 | 235 | 290 | 187 |
| acres treated, 2002 | 10,359 | 77,556 | 2,572 | 89,819 | 19,078 | 74,064 | 41,958 | 2,044 |
| 1997 | 9,206 | 71,748 | 3,239 | 93,139 | 15,702 | 58,441 | 25,267 | 1,846 |
| Nematodes farms, 2002 | 54 | 16 | 36 | 127 | 5 | 95 | 92 | 38 |
| 1997 | 52 | 25 | 22 | 300 | 19 | 195 | 98 | 17 |
| acres treated, 2002 | 3,573 | 12,718 | 57 | 15,011 | 399 | 18,826 | 2,533 | 150 |
| 1997 | 1,837 | 4,813 | 171 | 17,378 | 1,328 | 14,836 | 2,655 | 30 |
| Diseases in crops and orchards farms, 2002 | 10 | 19 | 115 | 54 | 15 | 46 | 44 | 95 |
| 1997 | 26 | 39 | 127 | 140 | 58 | 125 | 58 | 142 |
| acres treated, 2002 | 269 | 11,781 | 395 | 10,641 | 380 | 10,973 | 431 | 158 |
| 1997 | 1,937 | 8,840 | 546 | 7,811 | 2,979 | 10,466 | 1,682 | 703 |
| Chemicals used to control growth, thin fruit, or defoliate farms, 2002 | 3 | 23 | 20 | 54 | 14 | 44 | 33 | 36 |
| 1997 | 5 | 24 | 27 | 100 | 28 | 47 | 13 | 18 |
| acres on which used, 2002 | 192 | 20,938 | 50 | 19,106 | 168 | 28,094 | 1,317 | 56 |
| 1997 | 279 | 10,353 | 130 | 14,810 | 380 | 13,812 | 718 | 61 |

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.