

Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

| Farms With Sales of \$2,500 and Over         |         | 1974    | 1969    | Farms With Sales of \$2,500 and Over                            |           | 1974      | 1969      |
|--|---------|---------|---------|---|-----------|-----------|-----------|
| Farms irrigated in census year               | farms   | 1 183   | 1 214   | Estimated quantity of irrigation water applied                  | acre-feet | 123 355   | 110 569   |
| Proportion of farms                          | percent | 1.4     | 1.4     | Average per acre irrigated                                      | acre-feet | 0.8       | 0.7       |
| Total land irrigated                         | acres   | 149 165 | 153 191 | Method of irrigation:   |           |           |           |
| Average per farm                             | acres   | 126.1   | 126.1   | Furrows or ditches  | farms     | 381       | 396       |
| Irrigated farms by acres irrigated:          |         |         |         | Flooding  | acres     | 58 585    | 58 853    |
| 1 to 9 acres                                 | farms   | 198     | 149     | Self-propelled sprinkler systems                                | farms     | 364       | 457       |
| 10 to 49 acres                               | acres   | 593     | 478     | Other sprinkler systems   | acres     | 50 628    | 64 853    |
| 50 to 99 acres                               | farms   | 268     | 275     | Subirrigation   | farms     | 205       | 444       |
| 100 to 199 acres                             | acres   | 7 220   | 7 719   | Land in irrigated farms   | acres     | 25 645    | 30 213    |
| 200 to 499 acres                             | farms   | 221     | 245     | Harvested cropland  | acres     | 14 544    | 1         |
| 500 to 999 acres                             | acres   | 15 485  | 17 289  | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | farms     | 7         | (D)       |
| 1,000 acres and over                         | farms   | 228     | 284     | Acres irrigated   | acres     | 1 045     | (D)       |
|  | acres   | 30 986  | 39 785  |   |           |           |           |
|  | farms   | 229     | 226     |   |           |           |           |
|  | acres   | 67 086  | 64 726  |   |           |           |           |
|  | farms   | 33      | (D)     |   |           |           |           |
|  | acres   | 20 511  | (D)     |   |           |           |           |
|  | farms   | 6       | 2       |   |           |           |           |
|  | acres   | 7 284   | (D)     |   |           |           |           |
| Cropland irrigated                           | farms   | 1 180   | 1 212   | Farms with artificial drainage                                  | farms     | 4 931     | 8 079     |
| Harvested cropland irrigated                 | acres   | 148 309 | 152 756 | Proportion of farms   | percent   | 6.0       | 9.3       |
| Cropland pasture irrigated                   | farms   | 1 162   | 1 187   | Land in farms with drainage                                     | acres     | 2 492 689 | 3 547 603 |
| Other cropland irrigated                     | acres   | 146 015 | 150 166 | Land drained  | acres     | 1 113 628 | 1 798 381 |
|  | farms   | 30      | 58      | Average per farm  | acres     | 225.8     | 222.6     |
|  | acres   | 1 322   | 1 881   | Land drained by systems installed in census year                | farms     | 778       | 621       |
|  | farms   | 13      | 16      | Artificial ponds, pits, reservoirs, and earthen tanks           | farms     | 42 664    | (NA)      |
|  | acres   | 972     | 709     |   | number    | 183 582   | (NA)      |
| Improved pastureland and rangeland irrigated | farms   | 5       | 3       |   | acres     | 118 295   | (NA)      |
|  | acres   | 856     | 435     |   |           |           |           |

Table 13. Agricultural Chemicals Used: 1974 and 1969

| Farms With Sales of \$2,500 and Over                |                     | 1974      | 1969      | Farms With Sales of \$2,500 and Over   |                     | 1974      | 1969      |
|---|---------------------|-----------|-----------|--|---------------------|-----------|-----------|
| Total chemical costs, including fertilizer and lime | farms               | 62 458    | 72 344    | Total chemical costs, including fertilizer and lime—Continued                                |                     |           |           |
|   | \$1,000             | 233 238   | 116 809   | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: |                     |           |           |
| Commercial fertilizer                               | farms               | 58 210    | 60 307    | Insects on hay crops   | farms               | 5 419     | 1 672     |
| Dry fertilizer                                      | acres on which used | 6 920 715 | 6 084 306 |  | acres on which used | 146 375   | 39 094    |
|   | \$1,000             | 176 293   | 84 225    |  | \$1,000             | 793       | 138       |
|   | farms               | 49 200    | 58 039    | Insects on other crops   | farms               | 9 875     | 12 625    |
|   | tons                | 798 149   | 770 885   |  | acres on which used | 1 412 503 | 1 199 368 |
| Farms by tons used:                                 |                     |           |           | Nematodes in crops   | \$1,000             | 8 306     | 4 071     |
| 1 to 49 tons  | farms               | 46 024    | 55 553    |  | farms               | 254       | 264       |
| 50 to 99 tons                                       | acres on which used | 2 387     | 1 926     |  | acres on which used | 25 564    | 17 930    |
| 100 to 199 tons                                     | farms               | 660       | 475       |  | \$1,000             | 193       | 96        |
| 200 to 499 tons                                     | acres on which used | 122       | 82        | Diseases in crops and orchards   | farms               | 516       | 595       |
| 500 to 999 tons                                     | farms               | 6         | 3         |  | acres on which used | 62 271    | 42 760    |
| 1,000 tons and over                                 | acres on which used | 1         | -         |  | \$1,000             | 654       | 445       |
|   | farms               | 17 818    | 19 152    | Weeds or grass in crops  | farms               | 23 294    | 27 326    |
|   | tons                | 190 409   | 195 545   |  | acres on which used | 4 433 411 | 3 241 383 |
| Farms by tons used:                                 |                     |           |           |  | \$1,000             | 33 557    | 15 852    |
| 1 to 9 tons   | farms               | 12 676    | 13 700    | Weeds or brush in pasture  | farms               | 2 104     | 3 934     |
| 10 to 49 tons                                       | acres on which used | 4 567     | 4 872     |  | acres on which used | 107 152   | 125 829   |
| 50 to 99 tons                                       | farms               | 421       | 433       |  | \$1,000             | 424       | 377       |
| 100 to 199 tons                                     | acres on which used | 125       | 130       | Weeds on other land  | farms               | 2 401     | (NA)      |
| 200 to 499 tons                                     | farms               | 26        | 16        |  | acres on which used | 28 268    | (NA)      |
| 500 to 999 tons                                     | acres on which used | 3         | 1         |  | \$1,000             | 153       | (NA)      |
| 1,000 tons and over                                 | farms               | 11 702    | 27 833    | Chemicals for defoliation or for growth control of crops or thinning of fruit                | farms               | 1 047     | 1 588     |
|   | acres on which used | 701 228   | 966 479   |  | acres on which used | 108 732   | 113 832   |
|   | tons                | 1 810 357 | 2 564 976 | Insect control on livestock and poultry  | farms               | 572       | 444       |
|   | \$1,000             | 8 539     | 9 819     |  | farms               | 6 383     | 18 817    |
| Farms by tons used:                                 |                     |           |           |  | \$1,000             | 606       | 1 136     |
| 1 to 49 tons  | farms               | 3 030     | 12 155    | Other chemicals (see text)   | farms               | 6 287     | (NA)      |
| 50 to 99 tons                                       | acres on which used | 2 809     | 7 700     |  | acres               | 3 148     | (NA)      |
| 100 to 199 tons                                     | farms               | 3 002     | 5 044     |  |                     |           |           |
| 200 to 499 tons                                     | acres on which used | 2 286     | 2 504     |  |                     |           |           |
| 500 to 999 tons                                     | farms               | 459       | 335       |  |                     |           |           |
| 1,000 tons and over                                 | acres on which used | 116       | 95        |  |                     |           |           |