

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

| Farms With Sales of \$2,500 and Over         |        |        | Farms With Sales of \$2,500 and Over                            |         |           |
|--|--------|--------|---|---------|-----------|
|  | 1974   | 1969   |   | 1974    | 1969      |
| Farms irrigated in census year               | 1 834  | 1 916  | Estimated quantity of irrigation water applied                  | 16 789  | 18 384    |
| Proportion of farms                          | 5.8    | 6.1    | Average per acre irrigated                                      | 0.6     | 0.5       |
| Total land irrigated                         | 27 671 | 35 888 | Method of irrigation:   |         |           |
| Average per farm                             | 15.1   | 18.7   | Furrows or ditches  | 105     | 19        |
| Irrigated farms by acres irrigated:          |        |        | Flooding  | 1 269   | 435       |
| 1 to 9 acres                                 | 1 098  | 1 215  | Self-propelled sprinkler systems                                | 448     | 113       |
| 10 to 49 acres                               | 5 441  | 5 854  | Other sprinkler systems   | 6 429   | 31 909    |
| 50 to 99 acres                               | 660    | 600    | Subirrigation   | 1 290   |           |
| 100 to 199 acres                             | 11 758 | 10 312 |   | 19 823  | 11        |
| 200 to 499 acres                             | 39     | 44     |   | 5       | 3 473     |
| 500 to 999 acres                             | 2 432  | 2 846  | Land in irrigated farms   | 426 046 | 493 308   |
| 1,000 acres and over                         | 26     | 28     | Cropland  | 201 155 | 219 308   |
| Cropland irrigated                           | 3 386  | 3 679  | Harvested cropland  | 131 299 | 133 012   |
| Harvested cropland irrigated                 | 7      | 21     | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | 337     | (X)       |
| Cropland pasture irrigated                   | 1 775  | 5 682  |   | 5 439   | (X)       |
| Other cropland irrigated                     | 3      | 6      | Farms with artificial drainage                                  | 1 946   | 3 150     |
| Improved pastureland and rangeland irrigated | 1 873  | (D)    | Proportion of farms   | 6.1     | 10.1      |
|  | 1      | 2      | Land in farms with drainage                                     | 890 472 | 1 228 761 |
|  | 1 006  | (D)    | Land drained  | 166 583 | 218 148   |
|  |        |        | Average per farm  | 85.6    | 69.3      |
|  |        |        | Land drained by systems installed in census year                | 355     | 292       |
|  |        |        | Artificial ponds, pits, reservoirs, and earthen tanks           | 7 781   | (NA)      |
|  |        |        |   | 18 228  | (NA)      |
|  |        |        |   | 18 218  | (NA)      |

Table 13. Agricultural Chemicals Used: 1974 and 1969

| Farms With Sales of \$2,500 and Over                |           |           | Farms With Sales of \$2,500 and Over   |         |         |
|---|-----------|-----------|--|---------|---------|
|   | 1974      | 1969      |  | 1974    | 1969    |
| Total chemical costs, including fertilizer and lime | 27 806    | 28 553    | Total chemical costs, including fertilizer and lime—Continued                                |         |         |
| \$1,000   | 97 652    | 47 720    | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: |         |         |
| Commercial fertilizer                               | 27 150    | 26 521    | Insects on hay crops   | 1 277   | 1 131   |
| acres on which used                                 | 1 783 258 | 1 643 354 | acres on which used  | 26 457  | 20 705  |
| Dry fertilizer                                      | 75 914    | 36 098    | \$1,000  | 172     | 79      |
| tons  | 24 571    | 26 082    | Insects on other crops   | 6 900   | 8 197   |
| Farms by tons used:                                 |           |           | acres on which used  | 461 019 | 272 144 |
| 1 to 49 tons  | 22 635    | 24 097    | \$1,000  | 5 833   | 3 081   |
| 50 to 99 tons                                       | 1 261     | 1 353     | farms  | 1 665   | 2 373   |
| 100 to 199 tons                                     | 482       | 465       | acres on which used  | 58 488  | 59 273  |
| 200 to 499 tons                                     | 181       | 152       | \$1,000  | 796     | 575     |
| 500 to 799 tons                                     | 9         | 11        | Diseases in crops and orchards   | 755     | 866     |
| 800 to 999 tons                                     | —         | —         | acres on which used  | 61 377  | 55 952  |
| 1,000 tons and over                                 | 3         | 4         | \$1,000  | 1 586   | 1 329   |
| Liquid fertilizer                                   | 7 268     | 5 286     | farms  | 6 973   | 7 845   |
| tons  | 111 415   | 61 732    | acres on which used  | 719 156 | 503 588 |
| Farms by tons used:                                 |           |           | \$1,000  | 7 849   | 3 248   |
| 1 to 9 tons   | 5 103     | 3 952     | Weeds or grass in pasture  | 1 262   | 2 929   |
| 10 to 49 tons                                       | 1 592     | 1 063     | acres on which used  | 60 472  | 121 526 |
| 50 to 99 tons                                       | 340       | 169       | \$1,000  | 214     | 294     |
| 100 to 199 tons                                     | 191       | 77        | farms  | 862     | (NA)    |
| 200 to 499 tons                                     | 37        | 23        | acres on which used  | 8 780   | (NA)    |
| 500 to 999 tons                                     | 5         | 2         | \$1,000  | 51      | (NA)    |
| 1,000 tons and over                                 | —         | —         | Chemicals for defoliation or for growth control of crops or thinning of fruit                | 905     | 1 446   |
| Lime  | 4 592     | 8 847     | acres on which used  | 24 701  | 23 117  |
| acres on which used                                 | 270 736   | 284 750   | \$1,000  | 308     | 233     |
| tons  | 354 420   | 398 148   | farms  | 2 039   | 5 534   |
| \$1,000   | 3 624     | 2 351     | \$1,000  | 283     | 313     |
| Farms by tons used:                                 |           |           | farms  | 3 079   | (NA)    |
| 1 to 49 tons  | 2 563     | 6 440     | \$1,000  | 1 023   | (NA)    |
| 50 to 99 tons                                       | 934       | 1 431     | Insect control on livestock and poultry  |         |         |
| 100 to 199 tons                                     | 684       | 690       | Other chemicals (see text)   |         |         |
| 200 to 499 tons                                     | 342       | 251       |  |         |         |
| 500 to 999 tons                                     | 58        | 29        |  |         |         |
| 1,000 tons and over                                 | 11        | 6         |  |         |         |