

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 | 490 | 436 | Estimated quantity of irrigation water applied | 90 089 | 86 355 |
| Proportion of farms | 1.2 | 1.0 | Average per acre irrigated | 1.3 | 1.4 |
| Total land irrigated | 69 713 | 61 044 | Method of irrigation: | | |
| Average per farm | 142.3 | 140.0 | Furrows or ditches | 168 | 156 |
| Irrigated farms by acres irrigated: | | | Flooding | 22 766 | 20 865 |
| 1 to 9 acres | 33 | 9 | Self-propelled sprinkler systems | 244 | 251 |
| 10 to 49 acres | 113 | 34 | Other sprinkler systems | 28 783 | 29 391 |
| 50 to 99 acres | 126 | 107 | Subirrigation | 103 | 100 |
| 100 to 199 acres | 3 307 | 3 112 | | 14 873 | 11 839 |
| 200 to 499 acres | 106 | 92 | | 66 | |
| 500 to 999 acres | 7 515 | 6 317 | | 4 236 | |
| 1,000 acres and over | 114 | 136 | | 7 | 3 |
| | 15 202 | 18 955 | | 545 | (D) |
| | 90 | 78 | Land in irrigated farms | 840 972 | 833 254 |
| | 25 981 | 21 105 | Cropland | 377 625 | 313 638 |
| | 18 | 11 | Harvested cropland | 254 910 | 189 465 |
| | 12 445 | 7 461 | Farms not irrigated in 1974 but irrigated between | | |
| | 3 | 3 | 1970 and 1973 | 52 | (X) |
| | 5 150 | 4 060 | acres irrigated | 2 484 | (X) |
| Cropland irrigated | 487 | 433 | Farms with artificial drainage | 3 290 | 5 550 |
| Harvested cropland irrigated | 68 160 | 59 724 | Proportion of farms | 8.1 | 13.3 |
| Cropland pasture irrigated | 477 | 429 | Land in farms with drainage | 3 576 612 | 5 682 495 |
| Other cropland irrigated | 66 341 | 57 349 | Land drained | 806 155 | 1 257 727 |
| | 28 | 31 | Average per farm | 245.0 | 226.6 |
| | 1 325 | 779 | Land drained by systems installed in census year | 467 | 816 |
| | 14 | 28 | | 42 652 | 76 563 |
| | 494 | 1 596 | Artificial ponds, pits, reservoirs, and earthen tanks | 11 196 | (NA) |
| Improved pastureland and rangeland irrigated | 7 | 15 | number | 32 372 | (NA) |
| | 1 553 | 1 320 | acres | 30 584 | (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 | 30 149 | 33 482 | Total chemical costs, including fertilizer and lime—Continued | | |
| \$1,000 | 117 844 | 38 358 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | |
| Commercial fertilizer | 23 471 | 25 687 | Insects on hay crops | 1 472 | 378 |
| acres on which used | 8 807 648 | 7 856 028 | acres on which used | 117 868 | 30 078 |
| Dry fertilizer | 89 926 | 30 327 | \$1,000 | 376 | 39 |
| tons | 20 696 | 25 755 | Insects on other crops | 4 383 | 1 407 |
| Farms by tons used: | | | acres on which used | 1 353 201 | 337 674 |
| 1 to 49 tons | 19 201 | 25 061 | \$1,000 | 5 826 | 805 |
| 50 to 99 tons | 1 036 | 540 | farms | 122 | 109 |
| 100 to 199 tons | 338 | 128 | acres on which used | 27 184 | 16 465 |
| 200 to 499 tons | 112 | 26 | \$1,000 | 178 | 155 |
| 500 to 799 tons | 8 | | Diseases in crops and orchards | 613 | 826 |
| 800 to 999 tons | 1 | | acres on which used | 216 458 | 219 734 |
| 1,000 tons and over | | | \$1,000 | 889 | 307 |
| Liquid fertilizer | 4 227 | 2 123 | Weeds or grass in crops | 18 389 | 22 922 |
| tons | 85 886 | 35 894 | acres on which used | 7 280 679 | 6 817 702 |
| Farms by tons used: | | | \$1,000 | 18 434 | 5 866 |
| 1 to 9 tons | 2 195 | 1 298 | Weeds or brush in pasture | 562 | 859 |
| 10 to 49 tons | 1 641 | 650 | acres on which used | 38 179 | 62 978 |
| 50 to 99 tons | 262 | 125 | \$1,000 | 102 | 101 |
| 100 to 199 tons | 94 | 39 | farms | 1 207 | (NA) |
| 200 to 499 tons | 35 | 11 | acres on which used | 50 015 | (NA) |
| 500 tons and over | | | \$1,000 | 153 | (NA) |
| Lime | 55 | | Chemicals for defoliation or for growth control of crops | | |
| acres on which used | 9 907 | | or thinning of fruit | 301 | 673 |
| tons | 15 890 | | acres on which used | 63 652 | 145 606 |
| \$1,000 | 110 | | \$1,000 | 340 | 255 |
| Farms by tons used: | | | Insect control on livestock and poultry | 3 448 | 8 036 |
| 1 to 49 tons | 32 | | \$1,000 | 281 | 369 |
| 50 to 99 tons | 2 | | farms | 3 493 | (NA) |
| 100 to 199 tons | 5 | | acres on which used | 1 229 | (NA) |
| 200 to 499 tons | 6 | | Other chemicals (see text) | | |
| 500 to 999 tons | 6 | | | | |
| 1,000 tons and over | 4 | | | | |