

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 | 6 498 | 6 280 | Estimated quantity of irrigation water applied | 1 640 385 | 1 038 789 |
| Proportion of farms | 31.1 | 31.2 | Average per acre irrigated | 1.1 | 0.8 |
| Total land irrigated | 1 540 571 | 1 347 860 | Method of irrigation: | | |
| Average per farm | 237.1 | 214.6 | Furrows or ditches | 1 509 | 1 457 |
| Irrigated farms by acres irrigated: | | | Flooding | 728 607 | 624 804 |
| 1 to 9 acres | 1 500 | 1 207 | Self-propelled sprinkler systems | 81 487 | 58 231 |
| 10 to 49 acres | 5 900 | 5 331 | Other sprinkler systems | 1 568 | 4 646 |
| 50 to 99 acres | 2 503 | 2 545 | Subirrigation | 208 362 | 478 946 |
| 100 to 199 acres | 58 696 | 61 088 | | 289 188 | |
| 200 to 499 acres | 779 | 842 | Land in irrigated farms | 191 | 206 |
| 500 to 999 acres | 53 054 | 57 823 | Cropland | 241 483 | 211 096 |
| 1,000 acres and over | 645 | 613 | Harvested cropland | 5 588 605 | 5 410 977 |
| | 86 488 | 82 830 | | 1 741 015 | 1 684 492 |
| | 585 | 569 | | 1 378 443 | 1 297 350 |
| | 175 964 | 170 001 | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | | |
| | 225 | 253 | | 325 | (X) |
| | 151 505 | 171 466 | | 11 921 | (X) |
| | 261 | 253 | Farms with artificial drainage | 2 087 | 4 304 |
| | 1 008 964 | 799 321 | Proportion of farms | 10.0 | 21.4 |
| Cropland irrigated | 6 320 | 6 149 | Land in farms with drainage | 4 126 148 | 5 690 621 |
| Harvested cropland irrigated | 1 176 031 | 1 067 490 | Land drained | 1 894 793 | 2 482 471 |
| | 6 177 | 6 069 | Average per farm | 907.9 | 576.8 |
| | 1 063 972 | 978 649 | Land drained by systems installed in census year | 175 | 224 |
| | 296 | 202 | | 92 617 | 85 409 |
| | 62 397 | 43 652 | Artificial ponds, pits, reservoirs, and earthen tanks | | |
| | 103 | 160 | | 2 694 | (NA) |
| | 49 662 | 45 189 | | 17 259 | (NA) |
| Improved pastureland and rangeland irrigated | 299 | 258 | | 12 563 | (NA) |
| | 364 540 | 280 370 | | | |

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 | 17 906 | 18 279 | Total chemical costs, including fertilizer and lime—Continued | | |
| \$1,000 | 218 128 | 141 223 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | |
| Commercial fertilizer | 17 452 | 16 992 | Insects on hay crops | 373 | 289 |
| acres on which used | 3 382 055 | 3 437 003 | acres on which used | 17 250 | 11 742 |
| \$1,000 | 150 066 | 93 957 | \$1,000 | 97 | 40 |
| Dry fertilizer | 16 102 | 17 050 | Insects on other crops | 5 037 | 6 786 |
| tons | 1 224 156 | 1 541 608 | acres on which used | 1 179 964 | 1 257 452 |
| Farms by tons used: | | | \$1,000 | 31 051 | 23 476 |
| 1 to 49 tons | 12 343 | 12 462 | farms | 978 | 1 064 |
| 50 to 99 tons | 1 770 | 2 082 | acres on which used | 71 643 | 51 488 |
| 100 to 199 tons | 949 | 1 171 | \$1,000 | 1 674 | 1 214 |
| 200 to 499 tons | 650 | 805 | Diseases in crops and orchards | 2 927 | 3 849 |
| 500 to 999 tons | 143 | 280 | acres on which used | 670 787 | 819 445 |
| 800 to 999 tons | 59 | | \$1,000 | 16 249 | 13 679 |
| 1,000 tons and over | 188 | 250 | farms | 2 394 | 2 214 |
| Liquid fertilizer | 2 824 | 2 647 | acres on which used | 778 105 | 476 006 |
| tons | 90 581 | 76 188 | \$1,000 | 10 905 | 4 080 |
| Farms by tons used: | | | Weeds or brush in pasture | 197 | 225 |
| 1 to 9 tons | 1 886 | 1 834 | acres on which used | 79 652 | 68 166 |
| 10 to 49 tons | 697 | 624 | \$1,000 | 473 | 189 |
| 50 to 99 tons | 103 | 86 | farms | 301 | (NA) |
| 100 to 199 tons | 52 | 42 | acres on which used | 16 527 | (NA) |
| 200 to 499 tons | 50 | 33 | \$1,000 | 117 | (NA) |
| 500 tons and over | 36 | 28 | Chemicals for defoliation or for growth control of crops or thinning of fruit | 321 | 413 |
| Lime | 2 192 | 4 362 | acres on which used | 36 678 | 19 746 |
| acres on which used | 488 323 | 499 583 | \$1,000 | 493 | 184 |
| tons | 579 366 | 539 831 | farms | 1 203 | 2 855 |
| \$1,000 | 4 942 | 3 717 | acres on which used | 678 | 681 |
| Farms by tons used: | | | farms | 2 003 | (NA) |
| 1 to 49 tons | 1 094 | 2 479 | acres on which used | 1 383 | (NA) |
| 50 to 99 tons | 386 | 737 | Other chemicals (see text) | | |
| 100 to 199 tons | 311 | 574 | | | |
| 200 to 499 tons | 241 | 382 | | | |
| 500 to 999 tons | 83 | 114 | | | |
| 1,000 tons and over | 77 | 76 | | | |