

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 | 8 783 | 8 842 | Estimated quantity of irrigation water applied | acre-feet | 3 273 082 | 3 194 266 |
| Proportion of farms | percent | 51.6 | 52.0 | Average per acre irrigated | acre-feet | 2.2 | 2.2 |
| Total land irrigated | acres | 1 507 491 | 1 458 257 | Method of irrigation: | | | |
| Average per farm | acres | 171.6 | 164.9 | Furrows or ditches | farms | 2 019 | 1 940 |
| Irrigated farms by acres irrigated: | | | | | acres | 302 515 | 272 200 |
| 1 to 9 acres | farms | 1 053 | 902 | Flooding | farms | 2 201 | 2 531 |
| 10 to 49 acres | acres | 4 844 | 4 451 | | acres | 576 422 | 682 924 |
| 50 to 99 acres | farms | 2 895 | 2 928 | Self-propelled sprinkler systems | farms | 469 | 5 870 |
| 100 to 199 acres | acres | 74 313 | 77 434 | | acres | 103 613 | 499 628 |
| 200 to 499 acres | farms | 1 626 | 1 759 | Other sprinkler systems | farms | 5 609 | |
| 500 to 999 acres | acres | 113 125 | 122 976 | | acres | 518 442 | |
| 1,000 acres and over | farms | 1 448 | 1 550 | Subirrigation | farms | 179 | 139 |
| | acres | 201 368 | 214 919 | | acres | 29 005 | 24 613 |
| Cropland irrigated | farms | 8 596 | 8 733 | Land in irrigated farms | acres | 10 395 005 | 10 725 654 |
| Harvested cropland irrigated | acres | 1 373 323 | 1 338 408 | Cropland | acres | 2 423 013 | 2 543 676 |
| Cropland pasture irrigated | farms | 7 931 | 7 980 | Harvested cropland | acres | 1 702 200 | 1 587 578 |
| Other cropland irrigated | acres | 1 167 291 | 1 071 059 | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | farms | 329 | (X) |
| Improved pastureland and rangeland irrigated | farms | 193 998 | 245 023 | | acres irrigated | 11 328 | (X) |
| | acres | 246 | 499 | Farms with artificial drainage | farms | 2 893 | 4 426 |
| | acres | 12 034 | 22 326 | Proportion of farms | percent | 17.0 | 26.0 |
| | acres | 642 | 509 | Land in farms with drainage | acres | 1 931 979 | 2 539 413 |
| | acres | 134 168 | 119 849 | Land drained | acres | 427 013 | 570 447 |
| | | | | Average per farm | acres | 147.6 | 128.9 |
| | | | | Land drained by systems installed in census year | farms | 411 | 383 |
| | | | | | acres | 22 509 | 13 818 |
| | | | | Artificial ponds, pits, reservoirs, and earthen tanks | farms | 2 740 | (NA) |
| | | | | | number | 9 739 | (NA) |
| | | | | | acres | 10 704 | (NA) |

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 | 13 012 | 13 586 | Total chemical costs, including fertilizer and lime - Continued | | | |
| | \$1,000 | 87 106 | 37 164 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | | |
| Commercial fertilizer | farms | 12 002 | 11 304 | Insects on hay crops | farms | 581 | 470 |
| | acres on which used | 2 220 918 | 1 830 286 | | acres on which used | 53 091 | 36 358 |
| Dry fertilizer | farms | 67 151 | 25 724 | | \$1,000 | 343 | 137 |
| | tons | 9 630 | 10 800 | Insects on other crops | farms | 2 515 | 3 256 |
| Farms by tons used: | | | | | acres on which used | 335 954 | 223 197 |
| 1 to 49 tons | farms | 8 304 | 9 622 | | \$1,000 | 6 502 | 3 734 |
| 50 to 99 tons | acres | 752 | 713 | Nematodes in crops | farms | 324 | 418 |
| 100 to 199 tons | farms | 358 | 322 | | acres on which used | 21 355 | 17 853 |
| 200 to 499 tons | acres | 179 | 123 | | \$1,000 | 664 | 510 |
| 500 to 799 tons | farms | 13 | 14 | Diseases in crops and orchards | farms | 1 292 | 1 745 |
| 800 to 999 tons | acres | 5 | 6 | | acres on which used | 79 038 | 111 623 |
| 1,000 tons and over | farms | 19 | 6 | | \$1,000 | 2 024 | 1 458 |
| Liquid fertilizer | farms | 2 382 | 2 139 | Weeds or grass in crops | farms | 4 424 | 5 221 |
| | tons | 58 550 | 42 148 | | acres on which used | 1 259 158 | 1 099 834 |
| Farms by tons used: | | | | | \$1,000 | 7 417 | 4 264 |
| 1 to 9 tons | farms | 1 212 | 1 177 | Weeds or brush in pasture | farms | 695 | 1 052 |
| 10 to 49 tons | acres | 895 | 762 | | acres on which used | 38 611 | 116 729 |
| 50 to 99 tons | farms | 179 | 129 | | \$1,000 | 166 | 188 |
| 100 to 199 tons | acres | 66 | 52 | Weeds on other land | farms | 976 | (NA) |
| 200 to 499 tons | farms | 22 | 18 | | acres on which used | 19 388 | (NA) |
| 500 tons and over | acres | 8 | 1 | | \$1,000 | 160 | (NA) |
| Lime | farms | 964 | 1 137 | Chemicals for defoliation or for growth control of crops or thinning of fruit | farms | 420 | 571 |
| | acres on which used | 46 473 | 31 501 | | acres on which used | 33 287 | 31 911 |
| | tons | 86 339 | 59 381 | | \$1,000 | 334 | 200 |
| | \$1,000 | 1 291 | 655 | Insect control on livestock and poultry | farms | 1 224 | 2 906 |
| Farms by tons used: | | | | | \$1,000 | 205 | 230 |
| 1 to 49 tons | farms | 587 | 797 | Other chemicals (see text) | farms | 1 421 | (NA) |
| 50 to 99 tons | acres | 149 | 187 | | \$1,000 | 851 | (NA) |
| 100 to 199 tons | farms | 126 | 108 | | | | |
| 200 to 499 tons | acres | 79 | 37 | | | | |
| 500 to 999 tons | farms | 13 | 7 | | | | |
| 1,000 tons and over | acres | 10 | 1 | | | | |