

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 | 323 | 594 | Estimated quantity of irrigation water applied | 8 066 | 9 088 |
| Proportion of farms | 1.8 | 3.4 | Average per acre irrigated | 0.9 | 0.6 |
| Total land irrigated | 9 429 | 14 374 | Method of irrigation: | | |
| Average per farm | 29.2 | 24.1 | Furrows or ditches | 39 | 17 |
| Irrigated farms by acres irrigated: | | | acres | 1 024 | 251 |
| 1 to 9 acres | 160 | 295 | Flooding | 9 | 9 |
| 10 to 49 acres | 585 | 1 387 | acres | 1 054 | 1 126 |
| 50 to 99 acres | 129 | 243 | Self-propelled sprinkler systems | 101 | 569 |
| 100 to 199 acres | 2 760 | 5 047 | acres | 3 287 | 12 074 |
| 200 to 499 acres | 19 | 32 | Other sprinkler systems | 182 | |
| 500 to 999 acres | 1 185 | 1 957 | acres | 4 024 | |
| 1,000 acres and over | 3 | 15 | Subirrigation | 3 | 5 |
| acres | 392 | 1 982 | acres | 128 | 955 |
| Cropland irrigated | 10 | 6 | Land in irrigated farms | 114 476 | 269 438 |
| Harvested cropland irrigated | 2 632 | 1 578 | Cropland | 63 635 | 135 677 |
| Cropland pasture irrigated | 1 | 3 | Harvested cropland | 55 244 | 94 853 |
| Other cropland irrigated | 600 | 2 423 | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | 178 | (X) |
| Improved pastureland and rangeland irrigated | 1 | | acres irrigated | 4 969 | (X) |
| acres | 1 275 | | Farms with artificial drainage | 2 466 | 4 913 |
| | | | Proportion of farms | 14.1 | 28.2 |
| | | | Land in farms with drainage | 1 180 254 | 1 933 481 |
| | | | Land drained | 444 741 | 711 229 |
| | | | Average per farm | 180.3 | 144.7 |
| | | | Land drained by systems installed in census year | 299 | 361 |
| | | | acres | 19 473 | 21 244 |
| | | | Artificial ponds, pits, reservoirs, and earthen tanks | 3 597 | (NA) |
| | | | number | 9 234 | (NA) |
| | | | acres | 16 328 | (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 | 15 648 | 16 597 | Total chemical costs, including fertilizer and lime—Continued | | |
| \$1,000 | 111 751 | 55 442 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | |
| Commercial fertilizer | 15 302 | 15 843 | Insects on hay crops | 127 | 145 |
| acres on which used | 2 000 735 | 1 819 657 | acres on which used | 5 618 | 6 741 |
| \$1,000 | 81 099 | 40 259 | \$1,000 | 36 | 23 |
| Dry fertilizer | 14 054 | 15 714 | Insects on other crops | 5 513 | 9 832 |
| tons | 482 328 | 503 589 | acres on which used | 805 876 | 714 757 |
| Farms by tons used: | | | \$1,000 | 14 987 | 8 246 |
| 1 to 49 tons | 11 742 | 13 278 | Nematodes in crops | 1 552 | 2 021 |
| 50 to 99 tons | 1 294 | 1 352 | acres on which used | 147 034 | 41 382 |
| 100 to 199 tons | 614 | 714 | \$1,000 | 1 448 | 525 |
| 200 to 499 tons | 337 | 332 | Diseases in crops and orchards | 339 | 489 |
| 500 to 999 tons | 47 | 30 | acres on which used | 41 184 | 36 169 |
| 800 to 999 tons | 7 | 8 | \$1,000 | 838 | 469 |
| 1,000 tons and over | 13 | | Weeds or grass in crops | 4 199 | 4 759 |
| Liquid fertilizer | 5 522 | 5 111 | acres on which used | 888 639 | 571 634 |
| tons | 98 612 | 99 796 | \$1,000 | 8 059 | 3 140 |
| Farms by tons used: | | | Weeds or brush in pasture | 300 | 471 |
| 1 to 9 tons | 3 505 | 3 161 | acres on which used | 18 214 | 25 542 |
| 10 to 49 tons | 1 550 | 1 473 | \$1,000 | 61 | 54 |
| 50 to 99 tons | 286 | 301 | Weeds on other land | 243 | (NA) |
| 100 to 199 tons | 130 | 120 | acres on which used | 4 495 | (NA) |
| 200 to 499 tons | 46 | 45 | \$1,000 | 30 | (NA) |
| 500 tons and over | 5 | 11 | Chemicals for defoliation or for growth control of crops or thinning of fruit | 945 | 2 732 |
| Lime | 2 807 | 3 947 | acres on which used | 131 789 | 160 504 |
| acres on which used | 295 942 | 269 899 | \$1,000 | 814 | 641 |
| tons | 283 273 | 256 122 | Insect control on livestock and poultry | 829 | 2 160 |
| \$1,000 | 3 309 | 1 812 | acres on which used | 182 | 200 |
| Farms by tons used: | | | Other chemicals (see text) | 2 089 | (NA) |
| 1 to 49 tons | 1 461 | 2 402 | \$1,000 | 888 | (NA) |
| 50 to 99 tons | 545 | 754 | | | |
| 100 to 199 tons | 397 | 504 | | | |
| 200 to 499 tons | 289 | 239 | | | |
| 500 to 999 tons | 89 | 36 | | | |
| 1,000 tons and over | 26 | 12 | | | |