

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 | 3 975 | 3 904 | Estimated quantity of irrigation water applied | 1 888 398 | 1 787 043 |
| Proportion of farms | 51.4 | 50.6 | Average per acre irrigated | 2.3 | 2.3 |
| Total land irrigated | 810 754 | 763 537 | Method of irrigation: | | |
| Average per farm | 204.0 | 195.5 | Furrows or ditches | 2 448 | 2 527 |
| Irrigated farms by acres irrigated: | | | Flooding | 478 131 | 468 842 |
| 1 to 9 acres | 225 | 180 | Self-propelled sprinkler systems | 1 404 | 1 526 |
| 10 to 49 acres | 1 069 | 962 | Other sprinkler systems | 189 900 | 208 761 |
| 50 to 99 acres | 1 125 | 862 | Subirrigation | 284 | 507 |
| 100 to 199 acres | 31 336 | 24 122 | | 91 400 | 91 222 |
| 200 to 499 acres | 713 | 830 | Land in irrigated farms | 58 481 | |
| 500 to 999 acres | 50 469 | 57 870 | Cropland | 36 | 37 |
| 1,000 acres and over | 740 | 858 | Harvested cropland | 6 551 | 3 200 |
| Cropland irrigated | 101 467 | 121 617 | Farms not irrigated in 1974 but irrigated between 1970 and 1973 | | |
| Harvested cropland irrigated | 101 467 | 121 617 | | 61 | (X) |
| Cropland pasture irrigated | 239 136 | 251 359 | | 5 889 | (X) |
| Other cropland irrigated | 281 | 253 | Farms with artificial drainage | 123 | 505 |
| Improved pastureland and rangeland irrigated | 191 901 | 165 397 | Proportion of farms | 1.6 | 6.5 |
| | 114 | 87 | Land in farms with drainage | 341 768 | 1 343 233 |
| | 195 376 | 142 210 | Land drained | 34 314 | 111 791 |
| | | | Average per farm | 279.0 | 221.4 |
| | | | Land drained by systems installed in census year | .9 | 15 |
| | | | | 921 | 3 049 |
| | | | Artificial ponds, pits, reservoirs, and earthen tanks | | |
| | | | | 2 303 | (NA) |
| | | | | 14 080 | (NA) |
| | | | | 17 967 | (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 | 3 588 | 4 422 | Total chemical costs, including fertilizer and lime—Continued | | |
| \$1,000 | 19 527 | 9 927 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | |
| Commercial fertilizer | 2 915 | 2 984 | Insects on hay crops | 255 | 385 |
| acres on which used | 574 975 | 522 201 | acres on which used | 29 745 | 31 534 |
| \$1,000 | 15 812 | 7 160 | \$1,000 | 147 | 130 |
| Dry fertilizer | 2 260 | 2 645 | Insects on other crops | 856 | 1 227 |
| tons | 58 197 | 48 899 | acres on which used | 228 553 | 215 956 |
| Farms by tons used: | | | \$1,000 | 1 923 | 1 411 |
| 1 to 49 tons | 1 968 | 2 427 | Nematodes in crops | 71 | 148 |
| 50 to 99 tons | 176 | 152 | acres on which used | 4 622 | 9 825 |
| 100 to 199 tons | 82 | 50 | \$1,000 | 63 | 89 |
| 200 to 499 tons | 31 | 13 | Diseases in crops and orchards | 51 | 146 |
| 500 to 799 tons | 3 | 3 | acres on which used | 4 975 | 11 401 |
| 800 to 999 tons | - | - | \$1,000 | 37 | 75 |
| 1,000 tons and over | - | - | Weeds or grass in crops | 919 | 1 351 |
| Liquid fertilizer | 1 139 | 1 457 | acres on which used | 183 502 | 206 566 |
| tons | 26 192 | 25 254 | \$1,000 | 1 040 | 729 |
| Farms by tons used: | | | Weeds or brush in pasture | 29 | 92 |
| 1 to 9 tons | 609 | 794 | acres on which used | 18 710 | 56 510 |
| 10 to 49 tons | 394 | 543 | \$1,000 | 52 | 93 |
| 50 to 99 tons | 85 | 95 | Weeds on other land | 188 | (NA) |
| 100 to 199 tons | 39 | 21 | acres on which used | 7 499 | (NA) |
| 200 to 499 tons | 12 | 3 | \$1,000 | 50 | (NA) |
| 500 to 999 tons | - | - | Chemicals for defoliation or for growth control of crops or thinning of fruit | | |
| 1,000 tons and over | - | - | | 60 | 111 |
| Lime | - | - | acres on which used | 7 659 | 8 596 |
| acres on which used | - | - | \$1,000 | 61 | 34 |
| tons | - | - | Insect control on livestock and poultry | 593 | 1 387 |
| \$1,000 | - | - | \$1,000 | 178 | 188 |
| Farms by tons used: | | | Other chemicals (see text) | 335 | (NA) |
| 1 to 49 tons | - | - | | 162 | (NA) |
| 50 to 99 tons | - | - | | | |
| 100 to 199 tons | - | - | | | |
| 200 to 499 tons | - | - | | | |
| 500 to 999 tons | - | - | | | |
| 1,000 tons and over | - | - | | | |