

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 | farms 450 | 496 | Estimated quantity of irrigation water applied | acre-feet 11 283 | 9 458 |
| Proportion of farms | percent 3.9 | 4.2 | Average per acre irrigated | acre-feet 0.5 | 0.4 |
| Total land irrigated | acres 22 381 | 21 280 | Method of irrigation: | | |
| Average per farm | acres 49.7 | 42.9 | Furrows or ditches | farms 24 | 8 |
| Irrigated farms by acres irrigated: | | | | acres 3 319 | 844 |
| 1 to 9 acres | farms 197 | 192 | Flooding | farms 4 | 4 |
| | acres 788 | 871 | | acres 72 | 15 |
| 10 to 49 acres | farms 160 | 214 | Self-propelled sprinkler systems | farms 9 291 | 20 321 |
| | acres 3 772 | 4 481 | | acres 344 | |
| 50 to 99 acres | farms 41 | 47 | Other sprinkler systems | farms 9 892 | |
| | acres 2 821 | 3 176 | | acres 1 | |
| 100 to 199 acres | farms 32 | 26 | Subirrigation | farms 2 | 2 |
| | acres 4 116 | 3 278 | | acres 2 | 111 |
| 200 to 499 acres | farms 11 | 9 | Land in irrigated farms | acres 125 956 | 128 039 |
| | acres 3 260 | 2 865 | Cropland | acres 89 069 | 91 975 |
| 500 to 999 acres | farms 7 | 5 | Harvested cropland | acres 81 899 | 74 340 |
| | acres 4 248 | 3 250 | Farms not irrigated in 1974 but irrigated between | | |
| 1,000 acres and over | farms 2 | 3 | 1970 and 1973 | farms 39 | (X) |
| | acres 3 376 | 3 359 | | acres irrigated 1 154 | (X) |
| Cropland irrigated | farms 449 | 496 | Farms with artificial drainage | farms 1 218 | 1 773 |
| | acres 22 377 | 21 280 | Proportion of farms | percent 10.5 | 15.3 |
| Harvested cropland irrigated | farms 446 | 485 | Land in farms with drainage | acres 435 231 | 484 185 |
| | acres 22 230 | 20 281 | Land drained | acres 157 049 | 192 987 |
| Cropland pasture irrigated | farms 8 | 12 | Average per farm | acres 128.9 | 108.8 |
| | acres 112 | 301 | Land drained by systems installed in census year | farms 180 | 152 |
| Other cropland irrigated | farms 3 | 14 | | acres 5 916 | 5 890 |
| | acres 35 | 698 | Artificial ponds, pits, reservoirs, and earthen tanks | farms 2 104 | (NA) |
| Improved pastureland and rangeland irrigated | farms 1 | - | | number 3 696 | (NA) |
| | acres 4 | - | | acres 3 343 | (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 | farms 9 756 | 10 060 | Total chemical costs, including fertilizer and lime—Continued | | |
| | \$1,000 58 595 | 24 112 | Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds: | | |
| Commercial fertilizer | farms 9 490 | 9 376 | Insects on hay crops | farms 640 | 583 |
| acres on which used | 1 186 175 | 999 137 | | acres on which used 19 163 | 16 564 |
| | \$1,000 45 961 | 18 976 | | \$1,000 115 | 61 |
| Dry fertilizer | farms 8 985 | 9 318 | Insects on other crops | farms 2 793 | 1 958 |
| tons 255 480 | 235 191 | | | acres on which used 344 912 | 128 369 |
| Farms by tons used: | | | | \$1,000 2 993 | 808 |
| 1 to 49 tons | 7 713 | 8 194 | Nematodes in crops | farms 121 | 83 |
| 50 to 99 tons | 788 | 757 | | acres on which used 5 670 | 1 989 |
| 100 to 199 tons | 341 | 259 | | \$1,000 84 | 28 |
| 200 to 499 tons | 125 | 99 | Diseases in crops and orchards | farms 249 | 300 |
| 500 to 799 tons | 14 | 8 | | acres on which used 22 434 | 26 035 |
| 800 to 999 tons | 1 | | | \$1,000 535 | 381 |
| 1,000 tons and over | 3 | 1 | Weeds or grass in crops | farms 4 209 | 4 021 |
| Liquid fertilizer | farms 2 384 | 1 585 | | acres on which used 664 360 | 446 168 |
| tons 45 487 | 20 350 | | | \$1,000 5 931 | 1 935 |
| Farms by tons used: | | | Weeds or brush in pasture | farms 135 | 300 |
| 1 to 9 tons | 1 571 | 1 184 | | acres on which used 4 791 | 8 377 |
| 10 to 49 tons | 611 | 324 | | \$1,000 20 | 21 |
| 50 to 99 tons | 106 | 48 | Weeds on other land | farms 275 | (NA) |
| 100 to 199 tons | 64 | 20 | | acres on which used 2 020 | (NA) |
| 200 to 499 tons | 27 | 6 | | \$1,000 15 | (NA) |
| 500 to 999 tons | 5 | 3 | Chemicals for defoliation or for growth control of crops or thinning of fruit | farms 179 | 178 |
| 1,000 tons and over | | | | acres on which used 9 041 | 4 563 |
| Lime | farms 2 774 | 4 020 | | \$1,000 90 | 32 |
| acres on which used | 189 784 | 187 499 | Insect control on livestock and poultry | farms 697 | 1 803 |
| tons 203 210 | 196 357 | | | \$1,000 98 | 131 |
| \$1,000 2 434 | 1 700 | | Other chemicals (see text) | farms 1 124 | (NA) |
| Farms by tons used: | | | | \$1,000 319 | (NA) |
| 1 to 49 tons | 1 621 | 2 855 | | | |
| 50 to 99 tons | 559 | 723 | | | |
| 100 to 199 tons | 379 | 293 | | | |
| 200 to 499 tons | 179 | 124 | | | |
| 500 to 999 tons | 26 | 18 | | | |
| 1,000 tons and over | 10 | 7 | | | |