

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	38 378	39 523	Estimated quantity of irrigation water applied	23 283 917	20 836 279
Proportion of farms	75.6	73.1	Average per acre irrigated	3.0	2.9
Total land irrigated	7 644 326	7 109 008	Method of irrigation:		
Average per farm	199.2	179.8	Furrows or ditches	18 297	20 133
Irrigated farms by acres irrigated:			Flooding	3 531 435	3 274 224
1 to 9 acres	5 109	4 438	Self-propelled sprinkler systems	2 689 768	2 696 227
10 to 49 acres	25 069	22 797	Other sprinkler systems	1 642	12 708
50 to 99 acres	15 569	16 560	Subirrigation	1 261 494	518
100 to 199 acres	388 309	420 610		129 940	91 153
200 to 499 acres	6 009	6 622	Land in irrigated farms	17 963 882	18 221 744
500 to 999 acres	416 849	460 635	Cropland	8 832 748	8 902 301
1,000 acres and over	4 571	4 798	Harvested cropland	7 534 866	6 825 465
Cropland irrigated	629 964	662 655	Farms not irrigated in 1974 but irrigated between 1970 and 1973	586	(X)
Harvested cropland irrigated	3 875	4 167		26 136	(X)
Cropland pasture irrigated	1 189 102	1 286 453	Farms with artificial drainage	3 221	6 878
Other cropland irrigated	1 800	1 714	Proportion of farms	6.3	12.7
Improved pastureland and rangeland irrigated	1 242 072	1 175 746	Land in farms with drainage	2 590 097	4 684 196
	1 445	1 224	Land drained	1 195 996	2 115 809
	3 752 961	3 080 112	Average per farm	371.3	307.6
			Land drained by systems installed in census year	370	338
				60 093	32 707
			Artificial ponds, pits, reservoirs, and earthen tanks	4 679	(NA)
				15 156	(NA)
				27 141	(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	37 627	43 656	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	482 904	228 876	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	32 865	36 337	Insects on hay crops	2 770	1 924
acres on which used	6 599 549	5 892 324	acres on which used	566 037	379 961
Dry fertilizer	290 455	121 905	\$1,000	5 876	2 498
acres	25 920	35 788	Insects on other crops	16 527	21 693
tons	1 057 540	995 459	acres on which used	3 903 053	3 082 420
Farms by tons used:			\$1,000	99 962	63 116
1 to 49 tons	21 741	31 744	Nematodes in crops	2 512	2 995
50 to 99 tons	1 944	2 070	acres on which used	297 812	245 604
100 to 199 tons	1 180	1 171	\$1,000	8 050	4 737
200 to 499 tons	773	590	Diseases in crops and orchards	6 802	8 042
500 to 799 tons	148	145	acres on which used	745 710	577 026
800 to 999 tons	40	145	\$1,000	21 386	11 797
1,000 tons and over	94	68	Weeds or grass in crops	11 161	11 940
Liquid fertilizer	9 212	10 070	acres on which used	3 474 180	2 241 848
acres	505 140	394 074	\$1,000	41 335	18 530
Farms by tons used:			Weeds or brush in pasture	296	662
1 to 9 tons	4 491	5 697	acres on which used	44 952	56 841
10 to 49 tons	2 757	2 692	\$1,000	254	153
50 to 99 tons	786	795	Weeds on other land	2 649	(NA)
100 to 199 tons	603	514	acres on which used	104 022	(NA)
200 to 499 tons	418	283	\$1,000	868	(NA)
500 to 999 tons	157	89	Chemicals for defoliation or for growth control of crops or thinning of fruit	2 761	3 748
Lime	814	1 859	acres on which used	913 236	630 483
acres on which used	56 216	79 481	\$1,000	8 461	3 662
tons	111 933	131 766	Insect control on livestock and poultry	1 956	4 516
\$1,000	1 068	1 038	acres	1 179	1 237
Farms by tons used:			Other chemicals (see text)	4 943	(NA)
1 to 49 tons	477	1 324	acres	4 011	(NA)
50 to 99 tons	123	236			
100 to 199 tons	79	153			
200 to 499 tons	87	108			
500 to 999 tons	30	27			
1,000 tons and over	18	12			