

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	13 499	14 189
10 to 49 acres	25 069	22 797	Other sprinkler systems	2 689 768	2 696 227
50 to 99 acres	15 569	16 560	Subirrigation	1 642	1 270
100 to 199 acres	388 309	420 610		160 128	1 261 494
200 to 499 acres	6 009	6 622	Land in irrigated farms	11 382	
500 to 999 acres	416 849	460 635	Cropland	1 246 970	518
1,000 acres and over	4 571	4 798	Harvested cropland	518	91 153
Cropland irrigated	629 964	662 655	Farms not irrigated in 1974 but irrigated between 1970 and 1973	129 940	
Harvested cropland irrigated	3 875	4 167	1970 and 1973	586	(X)
Cropland pasture irrigated	1 189 102	1 286 453	1970 and 1973	26 136	(X)
Other cropland irrigated	1 800	1 714	Farms with artificial drainage	3 221	6 878
Improved pastureland and rangeland irrigated	1 242 072	1 175 746	Proportion of farms	6.3	12.7
	1 445	1 224	Land in farms with drainage	2 590 097	4 684 196
	3 752 961	3 080 112	Land drained	1 195 996	2 115 809
			Average per farm	371.3	307.6
			Land drained by systems installed in census year	370	338
			Artificial ponds, pits, reservoirs, and earthen tanks	60 093	32 707
				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
tons	25 920	35 788	Insects on other crops	16 527	21 693
Farms by tons used:	1 057 540	995 459	acres on which used	3 903 053	3 082 420
1 to 49 tons	21 741	31 744	\$1,000	99 962	63 116
50 to 99 tons	1 944	2 070	Nematodes in crops	2 512	2 995
100 to 199 tons	1 180	1 171	acres on which used	297 812	245 604
200 to 499 tons	773	590	\$1,000	8 050	4 737
500 to 799 tons	148	145	Diseases in crops and orchards	6 802	8 042
800 to 999 tons	40		acres on which used	745 710	577 026
1,000 tons and over	94	68	\$1,000	21 386	11 797
Liquid fertilizer	9 212	10 070	Weeds or grass in crops	11 161	11 940
tons	505 140	394 074	acres on which used	3 474 180	2 241 848
Farms by tons used:			\$1,000	41 335	18 530
1 to 9 tons	4 491	5 697	Weeds or brush in pasture	296	662
10 to 49 tons	2 757	2 692	acres on which used	44 952	56 841
50 to 99 tons	786	795	\$1,000	254	153
100 to 199 tons	603	514	Weeds on other land	2 649	(NA)
200 to 499 tons	418	283	acres on which used	104 022	(NA)
500 tons and over	157	89	\$1,000	868	(NA)
Lime	814	1 859	Chemicals for defoliation or for growth control of crops or thinning of fruit	2 761	3 748
acres on which used	56 216	79 481	acres on which used	913 236	630 483
tons	111 933	131 766	\$1,000	8 461	3 662
\$1,000	1 068	1 038	Insect control on livestock and poultry	1 956	4 516
Farms by tons used:			acres on which used	1 179	1 237
1 to 49 tons	477	1 324	Other chemicals (see text)	4 943	(NA)
50 to 99 tons	123	236	acres on which used	4 011	(NA)
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			