

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 1 448	farms 1 426	Estimated quantity of irrigation water applied	acre-feet 1 826 929	acre-feet 1 687 823
Proportion of farms	percent 89.4	percent 89.9	Average per acre irrigated	acre-feet 2.5	acre-feet 2.4
Total land irrigated	acres 736 926	acres 713 297	Method of irrigation:		
Average per farm	acres 508.9	acres 500.2	Furrows or ditches	farms 590	farms 593
Irrigated farms by acres irrigated:				acres 189 435	acres 171 836
1 to 9 acres	farms 28	farms 21	Flooding	farms 470 433	farms 504 476
10 to 49 acres	acres 152	acres 102	Self-propelled sprinkler systems	acres 33	acres 190
50 to 99 acres	farms 197	farms 190	Other sprinkler systems	farms 10 895	farms 32 416
100 to 199 acres	acres 5 708	acres 5 737	Subirrigation	farms 185	farms 40
200 to 499 acres	farms 227	farms 234		acres 61 405	acres 12 467
500 to 999 acres	acres 16 173	acres 16 648		farms 51	farms 40
1,000 acres and over	farms 293	farms 328		acres 9 589	acres 12 467
	acres 41 151	acres 45 045	Land in irrigated farms	acres 7 181 550	acres 6 980 427
	farms 364	farms 345	Cropland	acres 689 167	acres 685 288
	acres 108 167	acres 106 015	Harvested cropland	acres 523 121	acres 497 095
	farms 181	farms 152			
	acres 119 367	acres 100 610	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms 7	(X)
	farms 158	farms 156		acres 390	(X)
	acres 446 208	acres 439 140			
Cropland irrigated	farms 1 419	farms 1 411	Farms with artificial drainage	farms 164	farms 305
Harvested cropland irrigated	acres 589 254	acres 593 251	Proportion of farms	percent 10.1	percent 19.2
Cropland pasture irrigated	farms 1 373	farms 1 366	Land in farms with drainage	acres 465 556	acres 582 735
Other cropland irrigated	acres 517 141	acres 495 069	Land drained	acres 53 439	acres 87 486
	farms 439	farms 545	Average per farm	acres 325.8	acres 286.8
	acres 69 071	acres 90 149	Land drained by systems installed in census year	farms 9	farms 9
	farms 56	farms 62		acres 1 015	acres 2 428
	acres 3 042	acres 8 033			
Improved pastureland and rangeland irrigated	farms 150	farms 170	Artificial ponds, pits, reservoirs, and earthen tanks	farms 206	(NA)
	acres 147 672	acres 120 046		number 960	(NA)
				acres 2 915	(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 822	farms 895	Total chemical costs, including fertilizer and lime—Continued		
	\$1,000 4 577	\$1,000 1 482	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	farms 588	farms 514	Insects on hay crops	farms 362	farms 369
	acres on which used 123 276	acres on which used 69 773		acres on which used 63 311	acres on which used 63 351
Dry fertilizer	\$1,000 3 154	\$1,000 899		\$1,000 258	\$1,000 101
	farms 476	farms 512	Insects on other crops	farms 84	farms 128
	tons 11 248	tons 8 154		acres on which used 29 122	acres on which used 25 765
Farms by tons used:				\$1,000 574	\$1,000 291
1 to 49 tons	423	479	Nematodes in crops	farms 3	farms 11
50 to 99 tons	36	23		acres on which used 231	acres on which used 241
100 to 199 tons	11	7		\$1,000 14	\$1,000 10
200 to 499 tons	6	3	Diseases in crops and orchards	farms 7	farms 15
500 to 799 tons	—	—		acres on which used 4 021	acres on which used 1 504
800 to 999 tons	—	—		\$1,000 47	\$1,000 8
1,000 tons and over	—	—	Weeds or grass in crops	farms 147	farms 126
Liquid fertilizer	farms 76	farms 64		acres on which used 31 575	acres on which used 18 353
	tons 3 327	tons 1 171		\$1,000 213	\$1,000 48
Farms by tons used:			Weeds or brush in pasture	farms 23	farms 44
1 to 9 tons	49	45		acres on which used 2 632	acres on which used 4 505
10 to 49 tons	20	13		\$1,000 12	\$1,000 9
50 to 99 tons	1	3	Weeds on other land	farms 82	(NA)
100 to 199 tons	3	2		acres on which used 4 099	(NA)
200 to 499 tons	2	1		\$1,000 14	(NA)
500 to 999 tons	1	—	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms 38	farms 50
1,000 tons and over	—	—		acres on which used 10 716	acres on which used 13 014
Lime	farms —	farms —		\$1,000 82	\$1,000 61
	acres on which used —	acres on which used —	Insect control on livestock and poultry	farms 130	farms 300
	tons —	tons —		\$1,000 38	\$1,000 53
	\$1,000 —	\$1,000 —	Other chemicals (see text)	farms 84	(NA)
Farms by tons used:				\$1,000 170	(NA)
1 to 49 tons	—	—			
50 to 99 tons	—	—			
100 to 199 tons	—	—			
200 to 499 tons	—	—			
500 to 999 tons	—	—			
1,000 tons and over	—	—			