

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	6 498	6 280	Estimated quantity of irrigation water applied	1 640 385	1 038 789
Proportion of farms	31.1	31.2	Average per acre irrigated	1.1	0.8
Total land irrigated	1 540 571	1 347 860	Method of irrigation:		
Average per farm	237.1	214.6	Furrows or ditches	1 509	1 457
Irrigated farms by acres irrigated:			Flooding	728 607	624 804
1 to 9 acres	1 500	1 207	Self-propelled sprinkler systems	81 487	58 231
10 to 49 acres	5 900	5 331	Other sprinkler systems	1 568	4 646
50 to 99 acres	2 503	2 545	Subirrigation	208 362	478 946
100 to 199 acres	58 696	61 088		289 188	
200 to 499 acres	779	842		191	206
500 to 999 acres	53 054	57 823		241 483	211 096
1,000 acres and over	645	613	Land in irrigated farms	5 588 605	5 410 977
	86 488	82 830	Cropland	1 741 015	1 684 492
	585	569	Harvested cropland	1 378 443	1 297 350
	175 964	170 001	Farms not irrigated in 1974 but irrigated between		
	225	253	1970 and 1973	325	(X)
	151 505	171 466		11 921	(X)
	261	253	Farms with artificial drainage	2 087	4 304
	1 008 964	799 321	Proportion of farms	10.0	21.4
Cropland irrigated	6 320	6 149	Land in farms with drainage	4 126 148	5 690 621
Harvested cropland irrigated	1 176 031	1 067 490	Land drained	1 894 793	2 482 471
	6 177	6 069	Average per farm	907.9	576.8
	1 063 972	978 649	Land drained by systems installed in census year	175	224
	296	202		92 617	85 409
	62 397	43 652	Artificial ponds, pits, reservoirs, and earthen tanks	2 694	(NA)
	103	160		17 259	(NA)
	49 662	45 189		12 563	(NA)
Other cropland irrigated					
Improved pastureland and rangeland irrigated	299	258			
	364 540	280 370			

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	17 906	18 279	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	218 128	141 223	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	17 452	16 992	Insects on hay crops	373	289
acres on which used	3 382 055	3 437 003	acres on which used	17 250	11 742
\$1,000	150 066	93 957	\$1,000	97	40
Dry fertilizer	16 102	17 050	Insects on other crops	5 037	6 786
tons	1 224 156	1 541 608	acres on which used	1 179 964	1 257 452
Farms by tons used:			\$1,000	31 051	23 476
1 to 49 tons	12 343	12 462	farms	978	1 064
50 to 99 tons	1 770	2 082	acres on which used	71 643	51 488
100 to 199 tons	949	1 171	\$1,000	1 674	1 214
200 to 499 tons	650	805	Diseases in crops and orchards	2 927	3 849
500 to 999 tons	143	280	acres on which used	670 787	819 445
800 to 999 tons	59		\$1,000	16 249	13 679
1,000 tons and over	188	250	farms	2 394	2 214
Liquid fertilizer	2 824	2 647	acres on which used	778 105	476 006
tons	90 581	76 188	\$1,000	10 905	4 080
Farms by tons used:			Weeds or grass in pasture	197	225
1 to 9 tons	1 886	1 834	acres on which used	79 652	68 166
10 to 49 tons	697	624	\$1,000	473	189
50 to 99 tons	103	86	farms	301	(NA)
100 to 199 tons	52	42	acres on which used	16 527	(NA)
200 to 499 tons	50	33	\$1,000	117	(NA)
500 tons and over	36	28	Chemicals for defoliation or for growth control of crops		
Lime	2 192	4 362	or thinning of fruit	321	413
acres on which used	488 323	499 583	acres on which used	36 678	19 746
tons	579 366	539 831	\$1,000	493	184
\$1,000	4 942	3 717	farms	1 203	2 855
Farms by tons used:			acres on which used	678	681
1 to 49 tons	1 094	2 479	Other chemicals (see text)	2 003	(NA)
50 to 99 tons	386	737		1 383	(NA)
100 to 199 tons	311	574			
200 to 499 tons	241	382			
500 to 999 tons	83	114			
1,000 tons and over	77	76			