

Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Farms irrigated in census year	farms	8 783	8 842	Estimated quantity of irrigation water applied	acre-feet	3 273 082	3 194 266
Proportion of farms	percent	51.6	52.0	Average per acre irrigated	acre-feet	2.2	2.2
Total land irrigated	acres	1 507 491	1 458 257	Method of irrigation:			
Average per farm	acres	171.6	164.9	Furrows or ditches	farms	2 019	1 940
Irrigated farms by acres irrigated:					acres	302 515	272 200
1 to 9 acres	farms	1 053	902	Flooding	farms	2 201	2 531
10 to 49 acres	acres	4 844	4 451		acres	576 422	682 924
50 to 99 acres	farms	2 895	2 928	Self-propelled sprinkler systems	farms	469	5 870
100 to 199 acres	acres	74 313	77 434		acres	103 613	499 628
200 to 499 acres	farms	1 626	1 759	Other sprinkler systems	farms	5 609	
500 to 999 acres	acres	113 125	122 976		acres	518 442	
1,000 acres and over	farms	1 448	1 550	Subirrigation	farms	179	139
	acres	201 368	214 919		acres	29 005	24 613
Cropland irrigated	farms	8 596	8 733	Land in irrigated farms	acres	10 395 005	10 725 654
Harvested cropland irrigated	acres	1 373 323	1 338 408	Cropland	acres	2 423 013	2 543 676
Cropland pasture irrigated	farms	7 931	7 980	Harvested cropland	acres	1 702 200	1 587 578
Other cropland irrigated	acres	1 167 291	1 071 059	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	329	(X)
Improved pastureland and rangeland irrigated	farms	193 998	245 023		acres irrigated	11 328	(X)
	acres	246	499	Farms with artificial drainage	farms	2 893	4 426
	acres	12 034	22 326	Proportion of farms	percent	17.0	26.0
	acres	642	509	Land in farms with drainage	acres	1 931 979	2 539 413
	acres	134 168	119 849	Land drained	acres	427 013	570 447
				Average per farm	acres	147.6	128.9
				Land drained by systems installed in census year	farms	411	383
					acres	22 509	13 818
				Artificial ponds, pits, reservoirs, and earthen tanks	farms	2 740	(NA)
					number	9 739	(NA)
					acres	10 704	(NA)

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Total chemical costs, including fertilizer and lime	farms	13 012	13 586	Total chemical costs, including fertilizer and lime - Continued			
	\$1,000	87 106	37 164	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	12 002	11 304	Insects on hay crops	farms	581	470
	acres on which used	2 220 918	1 830 286		acres on which used	53 091	36 358
Dry fertilizer	farms	67 151	25 724		\$1,000	343	137
	tons	9 630	10 800	Insects on other crops	farms	2 515	3 256
Farms by tons used:					acres on which used	335 954	223 197
1 to 49 tons	farms	8 304	9 622		\$1,000	6 502	3 734
50 to 99 tons	acres	752	713	Nematodes in crops	farms	324	418
100 to 199 tons	farms	358	322		acres on which used	21 355	17 853
200 to 499 tons	acres	179	123		\$1,000	664	510
500 to 799 tons	farms	13	14	Diseases in crops and orchards	farms	1 292	1 745
800 to 999 tons	acres	5	6		acres on which used	79 038	111 623
1,000 tons and over	farms	19	6		\$1,000	2 024	1 458
Liquid fertilizer	farms	2 382	2 139	Weeds or grass in crops	farms	4 424	5 221
	tons	58 550	42 148		acres on which used	1 259 158	1 099 834
Farms by tons used:					\$1,000	7 417	4 264
1 to 9 tons	farms	1 212	1 177	Weeds or brush in pasture	farms	695	1 052
10 to 49 tons	acres	895	762		acres on which used	38 611	116 729
50 to 99 tons	farms	179	129		\$1,000	166	188
100 to 199 tons	acres	66	52	Weeds on other land	farms	976	(NA)
200 to 499 tons	farms	22	18		acres on which used	19 388	(NA)
500 tons and over	acres	8	1		\$1,000	160	(NA)
Lime	farms	964	1 137	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	420	571
	acres on which used	46 473	31 501		acres on which used	33 287	31 911
	tons	86 339	59 381		\$1,000	334	200
	\$1,000	1 291	655	Insect control on livestock and poultry	farms	1 224	2 906
Farms by tons used:					\$1,000	205	230
1 to 49 tons	farms	587	797	Other chemicals (see text)	farms	1 421	(NA)
50 to 99 tons	acres	149	187		\$1,000	851	(NA)
100 to 199 tons	farms	126	108				
200 to 499 tons	acres	79	37				
500 to 999 tons	farms	13	7				
1,000 tons and over	acres	10	1				