

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	1 991	3 409	Estimated quantity of irrigation water applied	acre-feet	80 299	44 314
Proportion of farms	percent	5.6	9.0	Average per acre irrigated	acre-feet	0.7	0.6
Total land irrigated	acres	111 500	77 927	Method of irrigation:			
Average per farm	acres	56.0	22.8	Furrows or ditches	farms	85	20
Irrigated farms by acres irrigated:					acres	2 006	549
1 to 9 acres	farms	802	1 833	Flooding	farms	17	28
	acres	3 818	8 995		acres	538	428
10 to 49 acres	farms	709	1 236	Self-propelled sprinkler systems	farms	731	3 359
	acres	14 200	23 975		acres	75 861	76 526
50 to 99 acres	farms	167	199	Other sprinkler systems	farms	1 185	
	acres	11 573	13 252		acres	33 755	
100 to 199 acres	farms	157	85	Subirrigation	farms	10	17
	acres	21 292	11 133		acres	311	470
200 to 499 acres	farms	125	42	Land in irrigated farms	acres	1 093 298	1 403 528
	acres	37 133	11 654	Cropland	acres	592 096	708 533
500 to 999 acres	farms	28	13	Harvested cropland	acres	475 701	484 464
	acres	19 102	(D)				
1,000 acres and over	farms	3	(D)	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	598	(X)
	acres	4 382	(D)		acres irrigated	11 301	(X)
Cropland irrigated	farms	1 984	3 403	Farms with artificial drainage	farms	1 936	2 750
	acres	110 662	77 535	Proportion of farms	percent	5.4	7.3
Harvested cropland irrigated	farms	1 962	3 341	Land in farms with drainage	acres	1 172 532	1 424 280
	acres	107 479	75 591	Land drained	acres	131 895	193 486
Cropland pasture irrigated	farms	49	88	Average per farm	acres	68.1	70.4
	acres	1 824	1 372	Land drained by systems installed in census year	farms	456	346
Other cropland irrigated	farms	24	65		acres	13 853	9 631
	acres	1 359	572	Artificial ponds, pits, reservoirs, and earthen tanks	farms	9 661	(NA)
Improved pastureland and rangeland irrigated	farms	20	19		number	22 436	(NA)
	acres	838	392		acres	60 084	(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	28 851	31 991	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	233 287	110 721	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	28 091	29 280	Insects on hay crops	farms	263	350
	acres on which used	4 094 260	3 694 559		acres on which used	9 067	8 205
	\$1,000	175 127	81 931		\$1,000	56	48
Dry fertilizer	farms	25 490	29 064	Insects on other crops	farms	9 276	14 672
	tons	965 018	951 142		acres on which used	1 249 636	940 229
Farms by tons used:					\$1,000	25 899	13 041
1 to 49 tons		20 311	23 934	Nematodes in crops	farms	2 379	3 132
50 to 99 tons		2 931	3 139		acres on which used	116 664	52 802
100 to 199 tons		1 564	1 452		\$1,000	1 822	693
200 to 499 tons		605	497	Diseases in crops and orchards	farms	1 451	1 350
500 to 799 tons		63	36		acres on which used	144 135	101 533
800 to 999 tons		5			\$1,000	3 281	1 495
1,000 tons and over		11	6	Weeds or grass in crops	farms	8 127	9 833
Liquid fertilizer	farms	12 910	13 737		acres on which used	1 502 894	882 476
	tons	243 833	194 090		\$1,000	15 253	6 269
Farms by tons used:				Weeds or brush in pasture	farms	717	1 066
1 to 9 tons		7 404	8 833		acres on which used	45 268	45 017
10 to 49 tons		4 419	4 146		\$1,000	181	118
50 to 99 tons		719	502	Weeds on other land	farms	597	(NA)
100 to 199 tons		260	204		acres on which used	8 627	(NA)
200 to 499 tons		97	48		\$1,000	53	(NA)
500 to 999 tons		11	4	Chemicals for defoliation or for growth control of crops			
1,000 tons and over				or thinning of fruit	farms	1 589	4 391
Lime	farms	6 828	11 619		acres on which used	145 460	201 812
	acres on which used	627 678	667 907		\$1,000	1 000	1 017
	tons	638 216	653 810	Insect control on livestock and poultry	farms	2 460	6 949
	\$1,000	7 987	5 165		\$1,000	563	828
Farms by tons used:				Other chemicals (see text)	farms	3 292	(NA)
1 to 49 tons		3 526	7 509		\$1,000	2 063	(NA)
50 to 99 tons		1 380	2 187				
100 to 199 tons		1 073	1 291				
200 to 499 tons		660	542				
500 to 999 tons		135	73				
1,000 tons and over		54	17				