

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	10 749	10 692	Estimated quantity of irrigation water applied	3 118 541	2 956 673
Proportion of farms	51.0	49.0	Average per acre irrigated	2.4	2.5
Total land irrigated	1 279 970	1 179 963	Method of irrigation:		
Average per farm	119.1	110.3	Furrows or ditches	4 152	4 766
Irrigated farms by acres irrigated:			Flooding	479 379	510 367
1 to 9 acres	1 609	1 212	Self-propelled sprinkler systems	39 533	500
10 to 49 acres	8 341	6 909	Other sprinkler systems	605	47 401
50 to 99 acres	4 229	4 366	Subirrigation	160 370	7 549
100 to 199 acres	105 434	111 298		7 715	632 895
200 to 499 acres	1 797	1 919	Land in irrigated forms	610 811	
500 to 999 acres	123 607	133 405	Cropland	156	123
1,000 acres and over	1 435	1 619	Harvested cropland	5 482	6 065
Cropland irrigated	198 429	228 869	Farms not irrigated in 1974 but irrigated between 1970 and 1973	323	(X)
Harvested cropland irrigated	1 229	1 207		12 188	(X)
Cropland pasture irrigated	370 888	356 764	Farms with artificial drainage	2 587	4 493
Other cropland irrigated	327	281	Proportion of farms	12.3	20.6
Improved pastureland and rangeland irrigated	220 308	185 734	Land in farms with drainage	1 086 516	1 649 723
	123	88	Land drained	243 785	376 174
	252 963	156 984	Average per farm	94.2	83.7
			Land drained by systems installed in census year	416	331
			Artificial ponds, pits, reservoirs, and earthen tanks	22 593	14 976
				2 042	(NA)
				5 068	(NA)
				3 793	(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	16 674	17 756	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	132 892	55 002	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	15 504	15 303	Insects on hay crops	624	390
Dry fertilizer	3 942 276	3 257 029	Insects on other crops	45 564	32 355
Farms by tons used:			Nematodes in crops	286	155
1 to 49 tons	9 732	11 413	Diseases in crops and orchards	4 851	5 521
50 to 99 tons	746	605	Weeds or grass in crops	957 896	421 894
100 to 199 tons	352	299	Weeds or brush in pasture	14 382	8 203
200 to 499 tons	172	96	Weeds on other land	269	248
500 to 799 tons	26	12	Chemicals for defoliation or for growth control of crops or thinning of fruit	24 121	15 297
800 to 999 tons	5	12	Insect control on livestock and poultry	853	399
1,000 tons and over	14	4	Other chemicals (see text)	1 630	1 763
Liquid fertilizer	5 362	5 656		111 398	98 919
Farms by tons used:				2 944	1 762
1 to 9 tons	1 956	2 532		6 240	7 284
10 to 49 tons	2 537	2 489		2 367 740	2 051 774
50 to 99 tons	527	392		11 761	5 706
100 to 199 tons	230	172		509	813
200 to 499 tons	86	61		20 675	26 899
500 tons and over	26	10		97	94
Lime	520	639		1 306	(NA)
Farms by tons used:				40 397	(NA)
1 to 49 tons	367	490		241	(NA)
50 to 99 tons	74	78			
100 to 199 tons	28	42			
200 to 499 tons	40	21			
500 to 999 tons	7	5			
1,000 tons and over	4	3			