

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 10 749	10 692	Estimated quantity of irrigation water applied	acre-feet 3 118 541	2 956 673
Proportion of farms	percent 51.0	49.0	Average per acre irrigated	acre-feet 2.4	2.5
Total land irrigated	acres 1 279 970	1 179 963	Method of irrigation:		
Average per farm	acres 119.1	110.3	Furrows or ditches	farms 4 152	4 766
Irrigated farms by acres irrigated:			Flooding	farms 479 379	510 367
1 to 9 acres	farms 1 609	1 212	Self-propelled sprinkler systems	farms 391	500
10 to 49 acres	acres 8 341	6 909	Other sprinkler systems	acres 39 533	47 401
50 to 99 acres	farms 4 229	4 366	Subirrigation	farms 605	7 549
100 to 199 acres	acres 105 434	111 298		acres 160 370	632 895
200 to 499 acres	farms 1 797	1 919	Land in irrigated forms	farms 610 811	
500 to 999 acres	acres 123 607	133 405	Cropland	farms 156	123
1,000 acres and over	farms 1 435	1 619	Harvested cropland	acres 5 286 390	5 721 226
Cropland irrigated	acres 198 429	228 869	Farms not irrigated in 1974 but irrigated between 1970 and 1973	acres 2 335 853	2 395 083
Harvested cropland irrigated	farms 1 229	1 207		acres 1 683 957	1 485 761
Cropland pasture irrigated	acres 370 888	356 764	Farms with artificial drainage	farms 2 587	4 493
Other cropland irrigated	farms 327	281	Proportion of farms	percent 12.3	20.6
Improved pastureland and rangeland irrigated	acres 220 308	185 734	Land in farms with drainage	acres 1 086 516	1 649 723
	farms 123	88	Land drained	acres 243 785	376 174
	acres 252 963	156 984	Average per farm	acres 94.2	83.7
			Land drained by systems installed in census year	farms 416	331
			Artificial ponds, pits, reservoirs, and earthen tanks	acres 22 593	14 976
				farms 2 042	(NA)
				number 5 068	(NA)
				acres 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	farms 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	farms 15 504	15 303	Insects on hay crops	farms 424	390
Dry fertilizer	acres on which used 3 942 276	3 257 029		acres on which used 45 564	32 355
	\$1,000 99 505	37 379		\$1,000 286	155
	farms 11 047	12 429	Insects on other crops	farms 4 851	5 521
	tons 290 981	221 541		acres on which used 957 896	421 894
Farms by tons used:			Nematodes in crops	\$1,000 14 382	8 203
1 to 49 tons	9 732	11 413		farms 269	248
50 to 99 tons	746	605		acres on which used 24 121	15 297
100 to 199 tons	352	299		\$1,000 853	399
200 to 499 tons	172	96	Diseases in crops and orchards	farms 1 630	1 763
500 to 799 tons	26	12		acres on which used 111 398	98 919
800 to 999 tons	5			\$1,000 2 944	1 762
1,000 tons and over	14	4	Weeds or grass in crops	farms 6 240	7 284
Liquid fertilizer	farms 5 362	5 656		acres on which used 2 367 740	2 051 774
	tons 182 586	140 536		\$1,000 11 761	5 706
Farms by tons used:			Weeds or brush in pasture	farms 509	813
1 to 9 tons	1 956	2 532		acres on which used 20 675	26 899
10 to 49 tons	2 537	2 489		\$1,000 97	94
50 to 99 tons	527	392	Weeds on other land	farms 1 306	(NA)
100 to 199 tons	230	172		acres on which used 40 397	(NA)
200 to 499 tons	86	61		\$1,000 241	(NA)
500 tons and over	26	10	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms 1 130	1 321
Lime	farms 520	639		acres on which used 71 042	79 780
	acres on which used 24 257	20 386		\$1,000 797	601
	tons 36 605	32 397	Insect control on livestock and poultry	farms 1 210	3 144
	\$1,000 438	361		\$1,000 198	253
Farms by tons used:			Other chemicals (see text)	farms 2 102	(NA)
1 to 49 tons	367	490		\$1,000 1 389	(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			