

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	1 183	1 214	Estimated quantity of irrigation water applied	acre-feet	123 355	110 569
Proportion of farms	percent	1.4	1.4	Average per acre irrigated	acre-feet	0.8	0.7
Total land irrigated	acres	149 165	153 191	Method of irrigation:			
Average per farm	acres	126.1	126.1	Furrows or ditches	farms	381	396
Irrigated farms by acres irrigated:					acres	58 585	58 853
1 to 9 acres	farms	198	149	Flooding	farms	364	457
10 to 49 acres	acres	593	478		acres	50 628	64 853
50 to 99 acres	farms	268	275	Self-propelled sprinkler systems	farms	205	444
100 to 199 acres	acres	7 220	7 719		acres	25 645	30 213
200 to 499 acres	farms	221	245	Other sprinkler systems	farms	310	
500 to 999 acres	acres	15 485	17 289		acres	14 544	
1,000 acres and over	farms			Subirrigation	farms	7	1
	acres				acres	1 045	(D)
Cropland irrigated	farms	1 180	1 212	Land in irrigated farms	acres	681 758	632 760
Harvested cropland irrigated	acres	148 309	152 756	Cropland	acres	576 459	557 194
	farms	1 162	1 187	Harvested cropland	acres	519 159	454 414
Cropland pasture irrigated	acres	146 015	150 166	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	132	(X)
Other cropland irrigated	farms	30	58		acres irrigated	10 052	(X)
	acres	1 322	1 881	Farms with artificial drainage	farms	4 931	8 079
Improved pastureland and rangeland irrigated	farms	13	16	Proportion of farms	percent	6.0	9.3
	acres	972	709	Land in farms with drainage	acres	2 492 689	3 547 603
	farms	5	3	Land drained	acres	1 113 628	1 798 381
	acres	856	435	Average per farm	acres	225.8	222.6
				Land drained by systems installed in census year	farms	778	621
					acres	61 544	49 734
				Artificial ponds, pits, reservoirs, and earthen tanks	farms	42 664	(NA)
					number	183 582	(NA)
					acres	118 295	(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	62 458	72 344	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	233 238	116 809	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	58 210	60 307	Insects on hay crops	farms	5 419	1 672
	acres on which used	6 920 715	6 084 306		acres on which used	146 375	39 094
Dry fertilizer	farms	176 293	84 225		\$1,000	793	138
	tons	49 200	58 039	Insects on other crops	farms	9 875	12 625
Farms by tons used:					acres on which used	1 412 503	1 199 368
1 to 49 tons		46 024	55 553		\$1,000	8 306	4 071
50 to 99 tons		2 387	1 926	Nematodes in crops	farms	254	264
100 to 199 tons		660	475		acres on which used	25 564	17 930
200 to 499 tons		122	82		\$1,000	193	96
500 to 999 tons		6	3	Diseases in crops and orchards	farms	516	595
1,000 tons and over		1			acres on which used	62 271	42 760
Liquid fertilizer	farms	17 818	19 152		\$1,000	654	445
	tons	190 409	195 545	Weeds or grass in crops	farms	23 294	27 326
Farms by tons used:					acres on which used	4 433 411	3 241 383
1 to 9 tons		12 676	13 700		\$1,000	33 557	15 852
10 to 49 tons		4 567	4 872	Weeds or brush in pasture	farms	2 104	3 934
50 to 99 tons		421	433		acres on which used	107 152	125 829
100 to 199 tons		125	130		\$1,000	424	377
200 to 499 tons		26	16	Weeds on other land	farms	2 401	(NA)
500 tons and over		3	1		acres on which used	28 268	(NA)
Lime	farms	11 702	27 833		\$1,000	153	(NA)
	acres on which used	701 228	966 479	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	1 047	1 588
	tons	1 810 357	2 564 976		acres on which used	108 732	113 832
	\$1,000	8 539	9 819		\$1,000	572	444
Farms by tons used:				Insect control on livestock and poultry	farms	6 383	18 817
1 to 49 tons		3 030	12 155		\$1,000	606	1 136
50 to 99 tons		2 809	7 700	Other chemicals (see text)	farms	6 287	(NA)
100 to 199 tons		3 002	5 044		\$1,000	3 148	(NA)
200 to 499 tons		2 286	2 504				
500 to 999 tons		459	335				
1,000 tons and over		116	95				