

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	863	745	Estimated quantity of irrigation water applied	10 255	8 777
Proportion of farms	2.3	1.9	Average per acre irrigated	0.6	0.5
Total land irrigated	16 571	16 798	Method of irrigation:		
Average per farm	19.2	22.5	Furrows or ditches	28	5
Irrigated farms by acres irrigated:			Flooding	430	445
1 to 9 acres	531	387	Self-propelled sprinkler systems	52	5
10 to 49 acres	1 454	1 216	Other sprinkler systems	127	214
50 to 99 acres	5 469	5 641	Subirrigation	711	735
100 to 199 acres	56	68	Land in irrigated forms	13 803	16 136
200 to 499 acres	3 775	4 183	Cropland	2	4
500 to 999 acres	13	24	Harvested cropland	2	30
1,000 acres and over	1 620	2 853	Farms not irrigated in 1974 but irrigated between 1970 and 1973	143 890	147 748
Cropland irrigated	9	8	Farms with artificial drainage	102 982	101 333
Harvested cropland irrigated	2 713	2 240	Land drained	86 269	79 551
Cropland pasture irrigated	2	1	Proportion of farms	5 534	6 632
Other cropland irrigated	1 540	665	Land in farms with drainage	14.7	17.4
Improved pastureland and rangeland irrigated	2	—	Land drained	1 381 929	1 504 222
	33	—	Average per farm	219 378	236 545
			Land drained by systems installed in census year	39.6	35.6
			Artificial ponds, pits, reservoirs, and earthen tanks	1 294	796
				18 851	12 629
				7 563	(NA)
				14 408	(NA)
				9 991	(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	32 836	34 028	Total chemical costs, including fertilizer and lime—Continued		
	96 672	48 910	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	31 794	31 003	Insects on hay crops	4 884	5 020
acres on which used	2 263 706	2 031 982	acres on which used	160 489	145 490
Dry fertilizer	74 501	35 896	\$1,000	868	486
tons	29 793	30 886	Insects on other crops	7 716	5 814
Farms by tons used:	439 112	421 042	acres on which used	7 716	5 814
1 to 49 tons	28 394	29 830	\$1,000	463 135	217 126
50 to 99 tons	1 074	799	Nematodes in crops	5 351	3 050
100 to 199 tons	263	196	acres on which used	204	183
200 to 499 tons	60	58	\$1,000	6 276	4 311
500 to 799 tons	—	2		96	75
800 to 999 tons	—	—	Diseases in crops and orchards	1 295	1 529
1,000 tons and over	2	1	acres on which used	66 860	70 901
Liquid fertilizer	4 924	3 433	\$1,000	2 281	1 563
tons	38 441	22 624	Weeds or grass in crops	15 055	15 960
Farms by tons used:			acres on which used	960 852	723 545
1 to 9 tons	3 974	2 931	\$1,000	7 264	3 291
10 to 49 tons	848	453	Weeds or brush in pasture	354	694
50 to 99 tons	64	33	acres on which used	7 222	10 132
100 to 199 tons	23	12	\$1,000	44	32
200 to 499 tons	15	3	Weeds on other land	626	(NA)
500 tons and over	—	1	acres on which used	5 206	(NA)
Lime	8 927	13 301	\$1,000	51	(NA)
acres on which used	300 349	336 516	Chemicals for defoliation or for growth control of crops or thinning of fruit	531	866
tons	486 142	544 871	acres on which used	22 014	24 730
\$1,000	4 461	3 654	\$1,000	219	196
Farms by tons used:			Insect control on livestock and poultry	3 755	10 077
1 to 49 tons	5 766	9 890	\$1,000	309	558
50 to 99 tons	1 838	2 255	Other chemicals (see text)	4 965	(NA)
100 to 199 tons	937	918		1 228	(NA)
200 to 499 tons	342	216			
500 to 999 tons	38	18			
1,000 tons and over	6	4			