

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	323	594	Estimated quantity of irrigation water applied	8 066	9 088
Proportion of farms	1.8	3.4	Average per acre irrigated	0.9	0.6
Total land irrigated	9 429	14 374	Method of irrigation:		
Average per farm	29.2	24.1	Furrows or ditches	39	17
Irrigated farms by acres irrigated:			acres	1 024	251
1 to 9 acres	160	295	Flooding	9	9
10 to 49 acres	585	1 387	acres	1 054	1 126
50 to 99 acres	129	243	Self-propelled sprinkler systems	101	569
100 to 199 acres	2 760	5 047	acres	3 287	12 074
200 to 499 acres	19	32	Other sprinkler systems	182	
500 to 999 acres	1 185	1 957	acres	4 024	
1,000 acres and over	3	15	Subirrigation	3	5
acres	392	1 982	acres	128	955
Cropland irrigated	10	6	Land in irrigated farms	114 476	269 438
Harvested cropland irrigated	2 632	1 578	Cropland	63 635	135 677
Cropland pasture irrigated	1	3	Harvested cropland	55 244	94 853
Other cropland irrigated	600	2 423	Farms not irrigated in 1974 but irrigated between 1970 and 1973	178	(X)
Improved pastureland and rangeland irrigated	1		acres irrigated	4 969	(X)
acres	1 275		Farms with artificial drainage	2 466	4 913
			Proportion of farms	14.1	28.2
			Land in farms with drainage	1 180 254	1 933 481
			Land drained	444 741	711 229
			Average per farm	180.3	144.7
			Land drained by systems installed in census year	299	361
			acres	19 473	21 244
			Artificial ponds, pits, reservoirs, and earthen tanks	3 597	(NA)
			number	9 234	(NA)
			acres	16 328	(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	15 648	16 597	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	111 751	55 442	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	15 302	15 843	Insects on hay crops	127	145
acres on which used	2 000 735	1 819 657	acres on which used	5 618	6 741
\$1,000	81 099	40 259	\$1,000	36	23
Dry fertilizer	14 054	15 714	Insects on other crops	5 513	9 832
tons	482 328	503 589	acres on which used	805 876	714 757
Farms by tons used:			\$1,000	14 987	8 246
1 to 49 tons	11 742	13 278	Nematodes in crops	1 552	2 021
50 to 99 tons	1 294	1 352	acres on which used	147 034	41 382
100 to 199 tons	614	714	\$1,000	1 448	525
200 to 499 tons	337	332	Diseases in crops and orchards	339	489
500 to 999 tons	47	30	acres on which used	41 184	36 169
800 to 999 tons	7	8	\$1,000	838	469
1,000 tons and over	13		Weeds or grass in crops	4 199	4 759
Liquid fertilizer	5 522	5 111	acres on which used	888 639	571 634
tons	98 612	99 796	\$1,000	8 059	3 140
Farms by tons used:			Weeds or brush in pasture	300	471
1 to 9 tons	3 505	3 161	acres on which used	18 214	25 542
10 to 49 tons	1 550	1 473	\$1,000	61	54
50 to 99 tons	286	301	Weeds on other land	243	(NA)
100 to 199 tons	130	120	acres on which used	4 495	(NA)
200 to 499 tons	46	45	\$1,000	30	(NA)
500 tons and over	5	11	Chemicals for defoliation or for growth control of crops or thinning of fruit	945	2 732
Lime	2 807	3 947	acres on which used	131 789	160 504
acres on which used	295 942	269 899	\$1,000	814	641
tons	283 273	256 122	Insect control on livestock and poultry	829	2 160
\$1,000	3 309	1 812	acres on which used	182	200
Farms by tons used:			Other chemicals (see text)	2 089	(NA)
1 to 49 tons	1 461	2 402	\$1,000	888	(NA)
50 to 99 tons	545	754			
100 to 199 tons	397	504			
200 to 499 tons	289	239			
500 to 999 tons	89	36			
1,000 tons and over	26	12			