

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	1 052	1 034	Estimated quantity of irrigation water applied	83 604	61 723
Proportion of farms	1.4	1.3	Average per acre irrigated	0.7	0.6
Total land irrigated	126 924	100 413	Method of irrigation:		
Average per farm	120.7	97.1	Furrows or ditches	40	106
Irrigated farms by acres irrigated:			Flooding	5 105	2 490
1 to 9 acres	283	234	Self-propelled sprinkler systems	2 169	4 199
10 to 49 acres	949	963	Other sprinkler systems	290	904
50 to 99 acres	358	394	Subirrigation	69 794	95 020
100 to 199 acres	8 532	9 340		815	
200 to 499 acres	122	152		52 901	
500 to 999 acres	8 161	10 318		2	6
1,000 acres and over	124	129		55	674
	17 007	17 414	Land in irrigated farms	480 701	464 312
	104	89	Cropland	287 452	259 488
	32 560	26 469	Harvested cropland	240 917	200 740
	48	27			
	32 320	17 662	Farms not irrigated in 1974 but irrigated between		
	13	9	1970 and 1973	54	(X)
	27 395	18 247		2 112	(X)
Cropland irrigated	1 052	1 033	Farms with artificial drainage	10 572	12 944
Harvested cropland irrigated	126 924	100 328	Proportion of farms	14.1	16.8
Cropland pasture irrigated	1 043	1 007	Land in farms with drainage	2 763 288	3 042 658
Other cropland irrigated	123 623	97 193	Land drained	794 661	866 432
	12	35	Average per farm	75.2	67.0
	102	560	Land drained by systems installed in census year	1 670	1 096
	49	66		46 138	37 003
	3 199	2 575	Artificial ponds, pits, reservoirs, and earthen tanks	6 645	(NA)
Improved pastureland and rangeland irrigated	-	2		12 232	(NA)
	-	85		19 852	(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	65 115	67 376	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	159 896	66 414	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	62 891	58 570	Insects on hay crops	3 797	624
acres on which used	4 877 281	3 724 254	acres on which used	156 037	18 564
Dry fertilizer	124 820	48 843	\$1,000	870	82
\$1,000	57 904	58 400	Insects on other crops	16 202	11 451
tons	659 210	529 838	acres on which used	1 367 476	769 906
Farms by tons used:			\$1,000	9 005	3 438
1 to 49 tons	56 290	57 416	Nematodes in crops	375	251
50 to 99 tons	1 163	699	acres on which used	32 423	12 045
100 to 199 tons	323	200	\$1,000	166	58
200 to 499 tons	105	68	Diseases in crops and orchards	820	1 136
500 to 799 tons	17	13	acres on which used	68 085	69 928
800 to 999 tons	3	4	\$1,000	1 141	772
1,000 tons and over	3	4	Weeds or grass in crops	31 080	37 558
Liquid fertilizer	13 094	12 288	acres on which used	2 397 174	1 955 864
tons	101 593	76 754	\$1,000	16 574	9 258
Farms by tons used:			Weeds or brush in pasture	1 099	2 343
1 to 9 tons	10 740	10 559	acres on which used	22 796	40 696
10 to 49 tons	2 106	1 553	\$1,000	103	88
50 to 99 tons	156	123	Weeds on other land	1 266	(NA)
100 to 199 tons	59	34	acres on which used	9 337	(NA)
200 to 499 tons	24	16	\$1,000	79	(NA)
500 tons and over	9	3	Chemicals for defoliation or for growth control of crops or thinning of fruit	596	927
Lime	8 564	10 842	acres on which used	33 058	38 143
acres on which used	300 960	267 864	\$1,000	269	156
tons	654 621	576 329	Insect control on livestock and poultry	10 200	23 950
\$1,000	4 098	2 448	\$1,000	744	1 032
Farms by tons used:			Other chemicals (see text)	11 990	(NA)
1 to 49 tons	4 731	7 262	\$1,000	2 028	(NA)
50 to 99 tons	1 911	2 167			
100 to 199 tons	1 251	979			
200 to 499 tons	567	370			
500 to 999 tons	74	49			
1,000 tons and over	30	15			