

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	535	428	Estimated quantity of irrigation water applied	21 144	14 027
Proportion of farms	0.8	0.6	Average per acre irrigated	0.6	0.5
Total land irrigated	32 540	28 684	Method of irrigation:		
Average per farm	60.8	67.0	Furrows or ditches	24	12
Irrigated farms by acres irrigated:			Flooding	1 724	2 498
1 to 9 acres	271	202	Self-propelled sprinkler systems	10	6
10 to 49 acres	845	580	Other sprinkler systems	632	393
50 to 99 acres	108	116	Subirrigation	153	396
100 to 199 acres	2 445	2 687		14 897	19 735
200 to 499 acres	59	48	Land in irrigated farms	12 311	
500 to 999 acres	4 038	3 330	Cropland	15	22
1,000 acres and over	53	30	Harvested cropland	3 163	6 559
	6 945	4 031	Farms not irrigated in 1974 but irrigated between		
	35	22	1970 and 1973	51	(X)
	9 707	6 056	1970 and 1973	1 200	(X)
	6	5	Farms with artificial drainage	22 173	32 973
	4 465	3 155	Proportion of farms	31.3	49.0
	3	5	Land in farms with drainage	6 535 173	8 593 785
	4 095	8 845	Land drained	4 485 748	5 964 016
Cropland irrigated	534	428	Average per farm	202.3	180.9
Harvested cropland irrigated	32 430	28 672	Land drained by systems installed in census year	2 294	1 802
Cropland pasture irrigated	527	417		115 682	75 943
Other cropland irrigated	31 972	27 961	Artificial ponds, pits, reservoirs, and earthen tanks		
Improved pastureland and rangeland irrigated	8	10		11 252	(NA)
	129	113		25 073	(NA)
	7	15		19 543	(NA)
	329	598			

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	62 408	60 988	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	347 463	129 909	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	60 706	56 100	Insects on hay crops	1 625	2 201
acres on which used	8 231 735	6 492 027	acres on which used	41 308	52 717
\$1,000	279 822	102 255	\$1,000	222	201
Dry fertilizer	54 725	54 463	Insects on other crops	10 686	11 489
tons	1 085 941	881 433	acres on which used	1 761 436	1 290 044
Farms by tons used:			\$1,000	10 729	3 904
1 to 49 tons	49 639	51 275	Nematodes in crops	288	337
50 to 99 tons	3 822	2 551	acres on which used	25 395	18 878
100 to 199 tons	1 069	540	\$1,000	183	149
200 to 499 tons	182	87	Diseases in crops and orchards	669	815
500 to 799 tons	5	6	acres on which used	54 330	59 257
800 to 999 tons	1		\$1,000	953	671
1,000 tons and over	7	4	Weeds or grass in crops	31 786	34 785
Liquid fertilizer	29 335	25 154	acres on which used	5 863 419	4 330 896
tons	465 349	328 958	\$1,000	47 338	18 388
Farms by tons used:			Weeds or brush in pasture	639	2 286
1 to 9 tons	18 172	16 637	acres on which used	13 647	33 431
10 to 49 tons	9 065	7 275	\$1,000	85	117
50 to 99 tons	1 455	872	Weeds on other land	3 913	(NA)
100 to 199 tons	510	302	acres on which used	28 239	(NA)
200 to 499 tons	121	62	\$1,000	228	(NA)
500 tons and over	12	6	Chemicals for defoliation or for growth control of crops or thinning of fruit	435	744
Lime	6 659	9 741	acres on which used	26 395	31 755
acres on which used	332 621	362 992	\$1,000	221	180
tons	744 479	834 462	Insect control on livestock and poultry	3 838	11 305
\$1,000	3 728	3 185	acres on which used	352	676
Farms by tons used:			\$1,000	7 433	(NA)
1 to 49 tons	2 494	4 361	Other chemicals (see text)	3 603	(NA)
50 to 99 tons	1 745	2 652			
100 to 199 tons	1 401	1 837			
200 to 499 tons	842	775			
500 to 999 tons	147	19			
1,000 tons and over	30	19			