

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	288	245	Estimated quantity of irrigation water applied	9 524	7 081
Proportion of farms	1.0	0.8	Average per acre irrigated	0.7	0.7
Total land irrigated	13 160	10 275	Method of irrigation:		
Average per farm	45.7	41.9	Furrows or ditches	9	16
Irrigated farms by acres irrigated:			Flooding	389	451
1 to 9 acres	145	110	Self-propelled sprinkler systems	4	9
10 to 49 acres	432	399	Other sprinkler systems	262	78
50 to 99 acres	80	80	Subirrigation	102	225
100 to 199 acres	1 936	1 793		8 496	9 759
200 to 499 acres	26	28	Land in irrigated farms	175	
500 to 999 acres	1 689	1 922	Cropland	3 974	
1,000 acres and over	17	14	Harvested cropland	1	
Cropland irrigated	2 139	1 686	Farms not irrigated in 1974 but irrigated between 1970 and 1973	47	
Harvested cropland irrigated	16	11		31	(X)
Cropland pasture irrigated	4 253	(D)		1 640	(X)
Other cropland irrigated	5	2	Farms with artificial drainage	826	1 485
Improved pastureland and rangeland irrigated	2 711	(D)	Proportion of farms	2.8	5.0
			Land in farms with drainage	621 719	899 910
			Land drained	112 849	229 707
			Average per farm	136.6	154.7
			Land drained by systems installed in census year	143	151
				4 555	11 316
			Artificial ponds, pits, reservoirs, and earthen tanks	7 293	(NA)
				19 586	(NA)
				30 589	(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	22 687	25 352	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	115 284	59 958	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	22 041	22 709	Insects on hay crops	274	490
acres on which used	2 828 529	2 786 823	acres on which used	11 072	17 099
Dry fertilizer	84 692	45 371	\$1,000	66	81
farms	19 551	23 061	Insects on other crops	4 432	7 242
tons	528 061	611 351	acres on which used	717 981	629 131
Farms by tons used:			\$1,000	13 316	5 870
1 to 49 tons	16 945	19 962	Nematodes in crops	808	548
50 to 99 tons	1 603	1 969	acres on which used	78 277	26 781
100 to 199 tons	699	844	\$1,000	789	235
200 to 499 tons	266	255	Diseases in crops and orchards	819	813
500 to 799 tons	28	24	acres on which used	75 026	47 677
800 to 999 tons	5	7	\$1,000	1 256	421
1,000 tons and over			Weeds or grass in crops	5 946	8 660
Liquid fertilizer	4 944	5 479	acres on which used	926 299	709 179
tons	74 523	55 549	\$1,000	8 738	4 432
Farms by tons used:			Weeds or brush in pasture	463	697
1 to 9 tons	3 327	4 111	acres on which used	35 466	44 234
10 to 49 tons	1 298	1 177	\$1,000	135	90
50 to 99 tons	208	135	Weeds on other land	333	(NA)
100 to 199 tons	81	45	acres on which used	8 344	(NA)
200 to 499 tons	27	9	\$1,000	78	(NA)
500 tons and over	3	2	Chemicals for defoliation or for growth control of crops or thinning of fruit	926	2 115
Lime	4 050	7 023	acres on which used	150 297	164 411
acres on which used	320 888	349 048	\$1,000	757	566
tons	367 677	401 087	Insect control on livestock and poultry	1 947	5 376
\$1,000	3 512	2 383	acres on which used	408	421
Farms by tons used:			\$1,000	2 805	(NA)
1 to 49 tons	2 184	4 662	Other chemicals (see text)	1 537	(NA)
50 to 99 tons	783	1 228			
100 to 199 tons	595	732			
200 to 499 tons	369	341			
500 to 999 tons	89	49			
1,000 tons and over	30	11			