

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	14 669	14 786	Estimated quantity of irrigation water applied	7 524 601	8 292 533
Proportion of farms	75.1	75.8	Average per acre irrigated	2.7	3.1
Total land irrigated	2 800 383	2 670 503	Method of irrigation:		
Average per farm	190.9	180.6	Furrows or ditches	8 699	8 995
Irrigated farms by acres irrigated:			Flooding	1 127 214	1 239 731
1 to 9 acres	441	306	Self-propelled sprinkler systems	594 376	5 693
10 to 49 acres	2 353	1 544	Other sprinkler systems	187 437	731 056
50 to 99 acres	3 453	2 871	Subirrigation	3 927	3 304
100 to 199 acres	101 093	87 197		866 377	691 474
200 to 499 acres	3 465	3 683	Land in irrigated farms	649	485
500 to 999 acres	247 852	266 118	Cropland	85 337	58 127
1,000 acres and over	3 655	4 132	Harvested cropland	8 205 905	8 540 969
Cropland irrigated	513 573	557 493	Farms not irrigated in 1974 but irrigated between 1970 and 1973	3 937 155	3 910 453
Harvested cropland irrigated	2 587	2 878		87	(X)
Cropland pasture irrigated	767 256	846 052		4 287	(X)
Other cropland irrigated	706	651	Farms with artificial drainage	1 300	2 836
Improved pastureland and rangeland irrigated	475 579	431 359	Proportion of farms	6.7	14.5
	362	265	Land in farms with drainage	867 387	1 398 290
	692 677	460 740	Land drained	145 586	342 065
			Average per farm	112.0	120.6
			Land drained by systems installed in census year	143	124
			Artificial ponds, pits, reservoirs, and earthen tanks	9 542	8 773
				2 327	(NA)
				6 751	(NA)
				7 904	(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	14 597	15 538	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	109 060	40 532	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	13 292	13 121	Insects on hay crops	1 878	991
acres on which used	2 720 724	2 011 484	acres on which used	136 442	52 180
\$1,000	91 020	32 362	\$1,000	711	187
Dry fertilizer	11 245	12 474	Insects on other crops	3 059	3 560
tons	355 277	281 317	acres on which used	530 933	381 281
Farms by tons used:			\$1,000	6 094	2 930
1 to 49 tons	9 688	11 298	Nematodes in crops	239	174
50 to 99 tons	865	694	acres on which used	16 992	9 442
100 to 199 tons	381	308	\$1,000	492	169
200 to 499 tons	246	144	Diseases in crops and orchards	356	480
500 to 799 tons	37	22	acres on which used	79 175	74 252
800 to 999 tons	16	8	\$1,000	779	497
1,000 tons and over	12	8	Weeds or grass in crops	6 146	7 265
Liquid fertilizer	3 883	3 115	acres on which used	1 332 253	937 727
tons	87 499	51 766	\$1,000	8 073	3 475
Farms by tons used:			Weeds or brush in pasture	513	1 149
1 to 9 tons	2 244	2 035	acres on which used	20 409	55 209
10 to 49 tons	1 219	872	\$1,000	91	148
50 to 99 tons	260	127	Weeds on other land	2 241	(NA)
100 to 199 tons	106	46	acres on which used	44 477	(NA)
200 to 499 tons	40	30	\$1,000	281	(NA)
500 to 999 tons	14	5	Chemicals for defoliation or for growth control of crops or thinning of fruit	542	647
Lime	-	-	acres on which used	69 373	56 732
acres on which used	-	-	\$1,000	577	324
tons	-	-	Insect control on livestock and poultry	1 631	4 229
\$1,000	-	-	\$1,000	239	359
Farms by tons used:			Other chemicals (see text)	1 380	(NA)
1 to 49 tons	-	-	\$1,000	704	(NA)
50 to 99 tons	-	-			
100 to 199 tons	-	-			
200 to 499 tons	-	-			
500 to 999 tons	-	-			
1,000 tons and over	-	-			