

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 ----- farms..	3 353	3 789	Estimated quantity of irrigation water applied..... acre-feet..	955 084	876 068
Proportion of farms ----- percent.....	18.1	18.8	Average per acre irrigated..... acre-feet..	1.4	1.3
Total land irrigated ----- acres.....	694 984	689 321	Method of irrigation:		
Average per farm ----- acres.....	207.3	181.9	Furrows or ditches ----- farms.....	608	545
Irrigated farms by acres irrigated:			acres.....	91 592	59 479
1 to 9 acres ----- farms.....	262	220	Flooding ----- farms.....	2 539	3 000
10 to 49 acres ----- farms.....	999	933	acres.....	583 257	602 875
50 to 99 acres ----- farms.....	577	628	Self-propelled sprinkler systems ----- farms.....	60	293
100 to 199 acres ----- farms.....	15 376	18 061	acres.....	4 555	16 307
200 to 499 acres ----- farms.....	503	653	Other sprinkler systems ----- farms.....	178	
500 to 999 acres ----- farms.....	35 364	46 815	acres.....	8 158	
1,000 acres and over ----- farms.....	700	966	Subirrigation ----- farms.....	91	104
acres.....	99 174	138 481	acres.....	16 156	15 466
200 to 499 acres ----- farms.....	1 001	1 133	Land in irrigated farms ----- acres.....	2 021 444	2 093 977
500 to 999 acres ----- farms.....	302 262	339 344	Cropland ----- acres.....	1 538 107	1 608 061
1,000 acres and over ----- farms.....	265	170	Harvested cropland ----- acres.....	1 207 794	1 112 268
acres.....	169 732	109 467	Farms not irrigated in 1974 but irrigated between		
acres.....	45	19	1970 and 1973 ----- farms.....	127	(X)
	72 077	36 220	acres irrigated.....	12 140	(X)
Cropland irrigated ----- farms.....	3 337	3 778	Farms with artificial drainage ----- farms.....	2 161	4 609
acres.....	693 485	687 684	Proportion of farms ----- percent.....	11.7	23.0
Harvested cropland irrigated ----- farms.....	3 310	3 739	Land in farms with drainage ----- acres.....	1 687 663	2 888 425
acres.....	684 939	670 642	Land drained ----- acres.....	1 078 099	2 048 043
Cropland pasture irrigated ----- farms.....	59	152	Average per farm ----- acres.....	498.9	444.4
acres.....	5 391	13 720	Land drained by systems installed in census year ----- farms.....	284	206
Other cropland irrigated ----- farms.....	34	33	acres.....	90 609	63 961
acres.....	3 155	3 322	Artificial ponds, pits, reservoirs, and earthen tanks ----- farms.....	3 246	(NA)
Improved pastureland and rangeland irrigated ----- farms.....	18	24	number.....	10 331	(NA)
acres.....	1 499	1 637	acres.....	17 528	(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 ----- farms.....	15 247	17 983	Total chemical costs, including fertilizer and lime—Continued		
\$1,000.....	114 766	51 850	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer ----- farms.....	14 421	16 071	Insects on hay crops ----- farms.....	314	497
acres on which used.....	2 654 075	2 482 972	acres on which used.....	14 269	22 403
\$1,000.....	67 506	30 147	\$1,000.....	78	79
Dry fertilizer ----- farms.....	11 312	14 471	Insects on other crops ----- farms.....	4 622	6 956
tons.....	343 576	334 134	acres on which used.....	1 374 334	1 069 424
Farms by tons used:			\$1,000.....	20 755	8 148
1 to 49 tons ----- farms.....	9 358	12 629	Nematodes in crops ----- farms.....	165	211
50 to 99 tons ----- farms.....	1 187	1 281	acres on which used.....	24 228	16 041
100 to 199 tons ----- farms.....	595	448	\$1,000.....	303	160
200 to 499 tons ----- farms.....	156	108	Diseases in crops and orchards ----- farms.....	333	343
500 to 999 tons ----- farms.....	9	5	acres on which used.....	59 222	33 418
1,000 tons and over ----- farms.....	2		\$1,000.....	754	213
	5		Weeds or grass in crops ----- farms.....	5 026	7 220
Liquid fertilizer ----- farms.....	3 522	3 960	acres on which used.....	1 833 334	1 543 539
tons.....	96 796	68 779	\$1,000.....	20 626	10 204
Farms by tons used:			Weeds or brush in pasture ----- farms.....	610	1 075
1 to 9 tons ----- farms.....	1 655	2 226	acres on which used.....	71 436	117 424
10 to 49 tons ----- farms.....	1 338	1 428	\$1,000.....	238	204
50 to 99 tons ----- farms.....	332	212	Weeds on other land ----- farms.....	621	(NA)
100 to 199 tons ----- farms.....	150	71	acres on which used.....	25 447	(NA)
200 to 499 tons ----- farms.....	41	21	\$1,000.....	135	(NA)
500 tons and over ----- farms.....	6	2	Chemicals for defoliation or for growth control of crops		
Lime ----- farms.....	1 213	2 528	or thinning of fruit ----- farms.....	1 392	1 885
acres on which used.....	72 051	155 814	acres on which used.....	307 706	204 634
tons.....	101 416	221 536	\$1,000.....	1 595	716
\$1,000.....	1 110	1 512	Insect control on livestock and poultry ----- farms.....	1 047	3 411
Farms by tons used:			\$1,000.....	240	399
1 to 49 tons ----- farms.....	635	1 209	Other chemicals (see text) ----- farms.....	1 608	(NA)
50 to 99 tons ----- farms.....	314	648	\$1,000.....	1 426	(NA)
100 to 199 tons ----- farms.....	162	418			
200 to 499 tons ----- farms.....	70	213			
500 to 999 tons ----- farms.....	24	26			
1,000 tons and over ----- farms.....	8	14			