

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
acres	1 001	1 133	Land in irrigated farms ----- acres	2 021 444	2 093 977
acres	302 262	339 344	Cropland ----- acres	1 538 107	1 608 061
acres	500 to 999 acres ----- farms	265	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)
acres	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 -----	9 358	12 629	farms	165	211
50 to 99 tons -----	1 187	1 281	acres on which used -----	24 228	16 041
100 to 199 tons -----	595	448	\$1,000 -----	303	160
200 to 499 tons -----	156	108	Diseases in crops and orchards ----- farms	333	343
500 to 999 tons -----	9	5	acres on which used -----	59 222	33 418
1,000 tons and over -----	2		\$1,000 -----	754	213
	5		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 -----	1 655	2 226	acres on which used -----	71 436	117 424
10 to 49 tons -----	1 338	1 428	\$1,000 -----	238	204
50 to 99 tons -----	332	212	farms	621	(NA)
100 to 199 tons -----	150	71	acres on which used -----	25 447	(NA)
200 to 499 tons -----	41	21	\$1,000 -----	135	(NA)
500 tons and over -----	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	farms	1 047	3 411
Farms by tons used:			acres on which used -----	1 047	3 411
1 to 49 tons -----	635	1 209	\$1,000 -----	240	399
50 to 99 tons -----	314	648	farms	1 608	(NA)
100 to 199 tons -----	162	418	acres on which used -----	1 426	(NA)
200 to 499 tons -----	70	213	Other chemicals (see text) ----- farms		
500 to 999 tons -----	24	26			
1,000 tons and over -----	8	14			