

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	333	212	Estimated quantity of irrigation water applied	26 309	10 558
Proportion of farms	0.3	0.1	Average per acre irrigated	0.7	0.6
Total land irrigated	39 239	19 212	Method of irrigation:		
Average per farm	117.8	90.6	Furrows or ditches	77	46
Irrigated farms by acres irrigated:			Flooding	10 422	6 317
1 to 9 acres	71	54	Self-propelled sprinkler systems	7 601	2 953
10 to 49 acres	181	172	Other sprinkler systems	108	157
50 to 99 acres	62	66	Subirrigation	12 727	10 150
100 to 199 acres	1 623	1 524			
200 to 499 acres	58	30	Land in irrigated farms	164 027	87 181
500 to 999 acres	4 150	2 040	Cropland	144 800	78 070
1,000 acres and over	78	34	Harvested cropland	129 859	57 328
	10 931	4 663	Farms not irrigated in 1974 but irrigated between 1970 and 1973	20	(X)
	57	21	acres irrigated	877	(X)
	16 399	6 088	Farms with artificial drainage	31 416	41 289
	4	7	Proportion of farms	26.8	33.4
	2 386	4 725	Land in farms with drainage	10 406 018	12 055 270
	3	-	Land drained	5 743 620	6 872 534
	3 569	-	Average per farm	182.8	166.4
Cropland irrigated	331	212	Land drained by systems installed in census year	4 210	2 983
Harvested cropland irrigated	39 079	19 172		177 955	122 920
Cropland pasture irrigated	331	206	Artificial ponds, pits, reservoirs, and earthen tanks	18 311	(NA)
Other cropland irrigated	38 886	18 741		47 404	(NA)
	1	9		44 555	(NA)
	10	416			
	7	2			
	183	15			
Improved pastureland and rangeland irrigated	3	1			
	160	40			

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	99 365	109 146	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	533 065	201 604	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	93 115	93 053	Insects on hay crops	4 282	1 715
acres on which used	12 778 913	10 075 820	acres on which used	114 440	36 445
Dry fertilizer	393 735	145 435	\$1,000	736	164
tons	79 167	85 535	Insects on other crops	32 439	37 981
Farms by tons used:	1 375 146	1 037 846	acres on which used	5 193 407	3 996 496
1 to 49 tons	74 085	83 006	\$1,000	29 080	12 423
50 to 99 tons	3 982	2 022	Nematodes in crops	391	532
100 to 199 tons	904	438	acres on which used	52 931	44 809
200 to 499 tons	188	65	\$1,000	315	182
500 to 999 tons	6	4	Diseases in crops and orchards	604	903
800 to 999 tons	1	-	acres on which used	83 995	74 320
1,000 tons and over	1	-	\$1,000	710	363
Liquid fertilizer	54 052	58 441	Weeds or grass in crops	57 793	65 519
tons	594 688	532 068	acres on which used	11 646 030	7 547 716
Farms by tons used:			\$1,000	89 493	32 898
1 to 9 tons	35 481	42 527	Weeds or brush in pasture	4 662	7 854
10 to 49 tons	17 139	14 886	acres on which used	178 711	217 523
50 to 99 tons	1 105	794	\$1,000	566	424
100 to 199 tons	282	201	Weeds on other land	9 667	(NA)
200 to 499 tons	41	32	acres on which used	98 931	(NA)
500 tons and over	4	1	\$1,000	431	(NA)
Lime	11 900	17 852	Chemicals for defoliation or for growth control of crops		
acres on which used	700 236	733 145	or thinning of fruit	682	1 249
tons	1 634 535	1 681 284	acres on which used	47 107	72 024
\$1,000	8 380	6 677	\$1,000	387	309
Farms by tons used:			Insect control on livestock and poultry	10 975	29 609
1 to 49 tons	2 881	6 354	acres on which used	1 202	2 319
50 to 99 tons	3 329	5 853	Other chemicals (see text)	12 392	(NA)
100 to 199 tons	3 301	3 849	\$1,000	8 029	(NA)
200 to 499 tons	2 017	1 583			
500 to 999 tons	299	195			
1,000 tons and over	73	18			