

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	7 281	7 055	Estimated quantity of irrigation water applied	2 041 682	2 367 974
Proportion of farms	83.3	83.8	Average per acre irrigated	2.3	2.5
Total land irrigated	897 192	934 029	Method of irrigation:		
Average per farm	123.2	132.3	Furrows or ditches	4 270	4 352
Irrigated farms by acres irrigated:			Flooding	367 249	439 126
1 to 9 acres	404	304		3 945	3 919
10 to 49 acres	2 038	1 547	Self-propelled sprinkler systems	420 813	431 912
50 to 99 acres	2 289	1 883		85	952
100 to 199 acres	65 042	54 266	Other sprinkler systems	11 688	71 959
200 to 499 acres	1 831	1 850		1 055	
500 to 999 acres	129 401	132 003	Subirrigation	103 465	203
1,000 acres and over	1 520	1 709		249	11 695
	210 474	235 588	Land in irrigated farms	6 853 010	7 577 064
	1 030	1 082	Cropland	1 341 941	1 368 321
	298 786	309 369	Harvested cropland	846 636	791 970
	150	175	Farms not irrigated in 1974 but irrigated between		
	98 245	116 984	1970 and 1973	26	(X)
	57	52	acres irrigated	1 462	(X)
	93 206	84 272	Farms with artificial drainage	1 118	1 851
Cropland irrigated	7 211	6 997	Proportion of farms	12.8	22.0
Harvested cropland irrigated	840 085	842 309	Land in farms with drainage	584 587	1 052 975
	7 021	6 791	Land drained	102 254	173 558
Cropland pasture irrigated	707 678	678 872	Average per farm	91.5	93.8
	2 141	2 745	Land drained by systems installed in census year	101	74
Other cropland irrigated	123 785	156 968		5 307	2 754
	263	281	Artificial ponds, pits, reservoirs, and earthen tanks	1 352	(NA)
	8 622	6 469	number	5 895	(NA)
Improved pastureland and rangeland irrigated	479	702	acres	6 529	(NA)
	57 107	91 720			

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	5 886	5 945	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	11 369	4 860	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	4 741	4 215	Insects on hay crops	1 911	1 570
acres on which used	347 888	296 697	acres on which used	125 058	95 749
\$1,000	8 987	3 722	\$1,000	459	201
Dry fertilizer	4 136	4 266	Insects on other crops	1 048	687
tons	49 826	41 345	acres on which used	72 535	26 681
Farms by tons used:			\$1,000	632	224
1 to 49 tons	3 968	4 149	Nematodes in crops	155	212
50 to 99 tons	123	91	acres on which used	5 651	5 649
100 to 199 tons	34	23	\$1,000	178	170
200 to 499 tons	10	2	Diseases in crops and orchards	168	184
500 to 799 tons	1	1	acres on which used	6 639	7 102
800 to 999 tons	-	-	\$1,000	95	64
1,000 tons and over	-	-	Weeds or grass in crops	1 713	2 126
Liquid fertilizer	172	127	acres on which used	145 670	109 007
tons	1 228	747	\$1,000	571	289
Farms by tons used:			Weeds or brush in pasture	117	270
1 to 9 tons	136	110	acres on which used	18 068	11 353
10 to 49 tons	33	15	\$1,000	64	19
50 to 99 tons	2	2	Weeds on other land	630	(NA)
100 to 199 tons	1	-	acres on which used	7 808	(NA)
200 to 499 tons	-	-	\$1,000	35	(NA)
500 to 999 tons	-	-	Chemicals for defoliation or for growth control of crops		
1,000 tons and over	-	-	or thinning of fruit	85	115
Lime	-	-	acres on which used	3 195	3 828
acres on which used	-	-	\$1,000	28	23
tons	-	-	Insect control on livestock and poultry	766	1 911
\$1,000	-	-	\$1,000	98	122
Farms by tons used:			Other chemicals (see text)	776	(NA)
1 to 49 tons	-	-	acres on which used	222	(NA)
50 to 99 tons	-	-			
100 to 199 tons	-	-			
200 to 499 tons	-	-			
500 to 999 tons	-	-			
1,000 tons and over	-	-			