

Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Farms irrigated in census year	farms	4 195	4 464	Estimated quantity of irrigation water applied	acre-feet	2 754 152	2 854 697
Proportion of farms	percent	60.9	62.1	Average per acre irrigated	acre-feet	1.9	1.9
Total land irrigated	acres	1 426 725	1 496 451	Method of irrigation:			
Average per farm	acres	340.1	335.2	Furrows or ditches	farms	2 218	2 430
Irrigated farms by acres irrigated:					acres	572 568	611 815
1 to 9 acres	farms	72	31	Flooding	farms	2 249	2 576
	acres	328	167		acres	738 347	831 796
10 to 49 acres	farms	472	367	Self-propelled sprinkler systems	farms	228	473
	acres	14 454	11 351		acres	58 679	60 103
50 to 99 acres	farms	603	648	Other sprinkler systems	farms	499	
	acres	44 161	47 204		acres	49 197	
100 to 199 acres	farms	1 087	1 230	Subirrigation	farms	270	160
	acres	150 665	176 626		acres	34 284	24 766
200 to 499 acres	farms	1 291	1 475	Land in irrigated farms	acres	16 465 512	17 310 897
	acres	387 353	441 370	Cropland	acres	1 692 464	1 789 071
500 to 999 acres	farms	427	466	Harvested cropland	acres	1 196 522	1 217 059
	acres	289 295	313 586	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	48	(X)
1,000 acres and over	farms	243	247		acres irrigated	3 688	(X)
	acres	540 469	506 147	Farms with artificial drainage	farms	577	1 073
Cropland irrigated	farms	4 137	4 407	Proportion of farms	percent	8.4	14.9
	acres	1 255 062	1 342 370	Land in farms with drainage	acres	2 010 278	2 168 682
Harvested cropland irrigated	farms	4 036	4 270	Land drained	acres	95 082	166 097
	acres	1 059 496	1 092 904	Average per farm	acres	164.8	154.8
Cropland pasture irrigated	farms	1 276	1 814	Land drained by systems installed in census year	farms	61	50
	acres	190 732	241 241		acres	4 372	2 820
Other cropland irrigated	farms	121	195	Artificial ponds, pits, reservoirs, and earthen tanks	farms	1 953	(NA)
	acres	4 834	8 225		number	15 529	(NA)
Improved pastureland and rangeland irrigated	farms	362	557		acres	35 589	(NA)
	acres	171 663	154 081				

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Total chemical costs, including fertilizer and lime	farms	3 440	4 169	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	14 283	6 548	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	2 479	2 529	Insects on hay crops	farms	347	405
	acres on which used	478 888	431 571		acres on which used	36 850	36 760
Dry fertilizer	farms	11 653	5 203		\$1,000	142	87
	tons	2 110	2 459	Insects on other crops	farms	328	189
Farms by tons used:					acres on which used	49 622	16 112
1 to 49 tons		1 851	2 228		\$1,000	555	64
50 to 99 tons		167	175	Nematodes in crops	farms	138	105
100 to 199 tons		76	47		acres on which used	11 481	4 103
200 to 499 tons		16	9		\$1,000	388	132
500 to 999 tons		-	-	Diseases in crops and orchards	farms	39	61
800 to 999 tons		-	-		acres on which used	4 896	6 396
1,000 tons and over		-	-		\$1,000	25	21
Liquid fertilizer	farms	481	425	Weeds or grass in crops	farms	1 218	1 750
	tons	6 086	3 966		acres on which used	165 790	183 418
Farms by tons used:					\$1,000	979	655
1 to 9 tons		323	307	Weeds or brush in pasture	farms	260	562
10 to 49 tons		135	110		acres on which used	66 509	79 178
50 to 99 tons		12	6		\$1,000	217	149
100 to 199 tons		11	2	Weeds on other land	farms	545	(NA)
200 to 499 tons		-	-		acres on which used	20 442	(NA)
500 to 999 tons		-	-		\$1,000	77	(NA)
1,000 tons and over		-	-	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	23	44
Lime	farms	-	-		acres on which used	2 098	2 764
	acres on which used	-	-		\$1,000	18	8
	tons	-	-	Insect control on livestock and poultry	farms	751	1 839
	\$1,000	-	-		\$1,000	150	213
Farms by tons used:				Other chemicals (see text)	farms	263	(NA)
1 to 49 tons		-	-		\$1,000	81	(NA)
50 to 99 tons		-	-				
100 to 199 tons		-	-				
200 to 499 tons		-	-				
500 to 999 tons		-	-				
1,000 tons and over		-	-				