

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	7 528	7 951	Estimated quantity of irrigation water applied	acre-feet	2 985 625	3 552 645
Proportion of farms	percent	37.3	38.5	Average per acre irrigated	acre-feet	1.7	2.0
Total land irrigated	acres	1 717 764	1 800 321	Method of irrigation:			
Average per farm	acres	228.2	226.4	Furrows or ditches	farms	3 012	3 245
Irrigated farms by acres irrigated:					acres	532 523	616 071
1 to 9 acres	farms	202	147	Flooding	farms	4 253	4 910
	acres	1 006	705		acres	906 762	1 032 684
10 to 49 acres	farms	1 255	1 249	Self-propelled sprinkler systems	farms	290	1 377
	acres	36 184	37 378		acres	61 581	147 910
50 to 99 acres	farms	1 499	1 599	Other sprinkler systems	farms	1 746	
	acres	106 873	114 008		acres	209 298	
100 to 199 acres	farms	1 957	2 285	Subirrigation	farms	514	311
	acres	271 613	319 619		acres	50 894	36 768
200 to 499 acres	farms	1 931	1 969	Land in irrigated farms	acres	22 336 694	24 047 219
	acres	573 835	583 024	Cropland	acres	3 837 048	4 114 175
500 to 999 acres	farms	463	493	Harvested cropland	acres	2 379 838	2 349 192
	acres	304 275	325 094	Farms not irrigated in 1974 but irrigated between			
1,000 acres and over	farms	221	209	1970 and 1973	farms	252	(X)
	acres	423 978	420 493		acres irrigated	19 411	(X)
Cropland irrigated	farms	7 424	7 871	Farms with artificial drainage	farms	962	1 955
	acres	1 606 798	1 641 728	Proportion of farms	percent	4.8	9.4
Harvested cropland irrigated	farms	7 183	7 590	Land in farms with drainage	acres	2 842 495	4 444 711
	acres	1 367 432	1 370 809	Land drained	acres	134 042	257 292
Cropland pasture irrigated	farms	2 152	2 797	Average per farm	acres	139.3	131.5
	acres	226 404	252 254	Land drained by systems installed in census year	farms	65	99
Other cropland irrigated	farms	220	381		acres	3 550	6 679
	acres	12 962	18 665	Artificial ponds, pits, reservoirs, and earthen tanks	farms	6 548	(NA)
Improved pastureland and rangeland irrigated	farms	648	829		number	36 014	(NA)
	acres	110 966	158 593		acres	78 666	(NA)

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	13 665	14 492	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	51 161	17 862	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	10 155	9 726	Insects on hay crops	farms	931	626
	acres on which used	3 623 887	3 023 844		acres on which used	89 483	56 000
	\$1,000	38 685	13 945		\$1,000	300	115
Dry fertilizer	farms	8 859	9 650	Insects on other crops	farms	2 086	506
	tons	197 391	142 807		acres on which used	782 090	98 517
Farms by tons used:					\$1,000	3 880	176
1 to 49 tons	farms	7 953	9 205	Nematodes in crops	farms	109	41
	acres	650	319		acres on which used	19 523	1 379
50 to 99 tons	farms	201	107		\$1,000	301	19
	acres	28	17	Diseases in crops and orchards	farms	279	382
100 to 199 tons	farms	10	9		acres on which used	123 475	168 237
	acres	4	1		\$1,000	304	197
200 to 499 tons	farms	7	1	Weeds or grass in crops	farms	6 977	8 132
	acres	1	1		acres on which used	3 466 308	2 903 493
500 to 999 tons	farms	1	1		\$1,000	6 659	2 720
1,000 tons and over	farms	1	1	Weeds or brush in pasture	farms	514	970
	acres	1	1		acres on which used	68 097	86 872
Liquid fertilizer	farms	423	574		\$1,000	238	177
	tons	8 276	7 747	Weeds on other land	farms	1 044	(NA)
Farms by tons used:					acres on which used	39 622	(NA)
1 to 9 tons	farms	241	367		\$1,000	150	(NA)
	acres	140	180	Chemicals for defoliation or for growth control of crops			
50 to 99 tons	farms	28	17	or thinning of fruit	farms	101	150
	acres	10	9		acres on which used	9 431	18 571
200 to 499 tons	farms	4	1		\$1,000	52	41
	acres	1	1	Insect control on livestock and poultry	farms	1 740	4 402
500 to 999 tons	farms	1	1		\$1,000	242	394
1,000 tons and over	farms	1	1	Other chemicals (see text)	farms	1 141	(NA)
	acres	1	1		\$1,000	350	(NA)