

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	717	560	Estimated quantity of irrigation water applied	acre-feet	904 784	1 236 406
Proportion of farms	percent	34.3	24.5	Average per acre irrigated	acre-feet	6.4	8.5
Total land irrigated	acres	141 134	144 900	Method of irrigation:			
Average per farm	acres	196.8	258.7	Furrows or ditches	farms	204	216
Irrigated farms by acres irrigated:					acres	102 630	115 372
1 to 9 acres	farms	553	420	Flooding	farms	96	53
10 to 49 acres	farms	1 619	1 390		acres	1 948	3 829
50 to 99 acres	farms	130	109	Self-propelled sprinkler systems	farms	62	341
100 to 199 acres	farms	2 354	1 828		acres	8 916	26 543
200 to 499 acres	farms	8	1	Other sprinkler systems	farms	378	
500 to 999 acres	farms	506	50		acres	23 501	
1,000 acres and over	farms	3	6	Subirrigation	farms	42	12
	acres	355	(0)		acres	4 240	20
Cropland irrigated	farms	5	1	Land in irrigated farms	acres	646 174	706 124
Harvested cropland irrigated	farms	1 179	(0)	Cropland	acres	217 560	246 563
Cropland pasture irrigated	farms	1	2	Harvested cropland	acres	104 801	129 283
Other cropland irrigated	farms	569	(0)	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	6	(X)
Improved pastureland and rangeland irrigated	farms	17	21		acres irrigated	1 534	(X)
	acres	134 552	139 151	Farms with artificial drainage	farms	46	115
				Proportion of farms	percent	2.2	5.0
				Land in farms with drainage	acres	180 445	147 834
				Land drained	acres	13 654	39 628
				Average per farm	acres	296.8	344.5
				Land drained by systems installed in census year	farms	8	19
					acres	55	2 140
				Artificial ponds, pits, reservoirs, and earthen tanks	farms	125	(NA)
					number	680	(NA)
					acres	1 167	(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	1 794	1 948	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	26 934	22 038	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	1 644	1 687	Insects on hay crops	farms	1	1
	acres on which used	254 422	260 799		acres on which used	3	6
	\$1,000	18 631	14 289		\$1,000	(2)	2
Dry fertilizer	farms	1 578	1 737	Insects on other crops	farms	859	655
	tons	103 993	135 721		acres on which used	70 792	51 521
Farms by tons used:					\$1,000	1 545	398
1 to 49 tons		1 477	1 615	Nematodes in crops	farms	154	166
50 to 99 tons		52	64		acres on which used	10 257	16 024
100 to 199 tons		18	19		\$1,000	653	983
200 to 499 tons		10	6	Diseases in crops and orchards	farms	276	285
500 to 799 tons		3	4		acres on which used	18 140	6 369
800 to 999 tons		1	—		\$1,000	540	143
1,000 tons and over		17	29	Weeds or grass in crops	farms	886	993
Liquid fertilizer	farms	65	75		acres on which used	205 660	237 883
	tons	33 965	73 047		\$1,000	4 572	5 737
Farms by tons used:				Weeds or brush in pasture	farms	84	76
1 to 9 tons		48	52		acres on which used	37 889	23 885
10 to 49 tons		3	6		\$1,000	171	254
50 to 99 tons		2	1	Weeds on other land	farms	110	(NA)
100 to 199 tons		—	—		acres on which used	12 178	(NA)
200 to 499 tons		1	—		\$1,000	306	(NA)
500 to 999 tons		11	16	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	34	52
1,000 tons and over		—	—		acres on which used	29 848	28 386
Lime	farms	138	200		\$1,000	305	81
	acres on which used	15 812	10 139	Insect control on livestock and poultry	farms	103	163
	tons	9 401	13 992		\$1,000	65	33
	\$1,000	78	101	Other chemicals (see text)	farms	116	(NA)
Farms by tons used:					\$1,000	67	(NA)
1 to 49 tons		127	188				
50 to 99 tons		6	3				
100 to 199 tons		3	3				
200 to 499 tons		—	1				
500 to 999 tons		—	2				
1,000 tons and over		2	3				