

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
	acres	2 354	1 828		acres	8 916	26 543
	farms	8	1	Other sprinkler systems	farms	378	
	acres	506	50		acres	23 501	
100 to 199 acres	farms	3	6	Subirrigation	farms	42	12
	acres	355	(0)		acres	4 240	20
200 to 499 acres	farms	5	1	Land in irrigated farms	acres	646 174	706 124
	acres	1 179	(0)	Cropland	acres	217 560	246 563
500 to 999 acres	farms	1	2	Harvested cropland	acres	104 801	129 283
	acres	569	(0)	Farms not irrigated in 1974 but irrigated between			
1,000 acres and over	farms	17	21	1970 and 1973	farms	6	(X)
	acres	134 552	139 151		acres irrigated	1 534	(X)
Cropland irrigated	farms	710	555	Farms with artificial drainage	farms	46	115
	acres	140 005	142 191	Proportion of farms	percent	2.2	5.0
Harvested cropland irrigated	farms	701	550	Land in farms with drainage	acres	180 445	147 834
	acres	67 143	69 967	Land drained	acres	13 654	39 628
Cropland pasture irrigated	farms	9	8	Average per farm	acres	296.8	344.5
	acres	1 542	181	Land drained by systems installed in census year	farms	8	19
Other cropland irrigated	farms	45	28		acres	55	2 140
	acres	71 320	72 043	Artificial ponds, pits, reservoirs, and earthen tanks	farms	125	(NA)
Improved pastureland and rangeland irrigated	farms	12	7		number	680	(NA)
	acres	1 129	2 709		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			
1,000 tons and over		—	—	or thinning of fruit	farms	34	52
Lime	farms	138	200		acres on which used	29 848	28 386
	acres on which used	15 812	10 139		\$1,000	305	81
	tons	9 401	13 992	Insect control on livestock and poultry	farms	103	163
	\$1,000	78	101		\$1,000	65	33
Farms by tons used:				Other chemicals (see text)	farms	116	(NA)
1 to 49 tons		127	188		\$1,000	67	(NA)
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				