

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	6 569	6 065	Estimated quantity of irrigation water applied	acre-feet	3 390 094	2 483 314
Proportion of farms	percent	9.5	8.8	Average per acre irrigated	acre-feet	1.7	1.6
Total land irrigated	acres	2 007 801	1 516 724	Method of irrigation:			
Average per farm	acres	305.6	250.0	Furrows or ditches	farms	4 073	4 135
Irrigated farms by acres irrigated:					acres	1 169 880	1 034 216
1 to 9 acres	farms	218	110	Flooding	farms	1 475	1 333
	acres	892	512		acres	366 447	233 428
10 to 49 acres	farms	1 095	983	Self-propelled sprinkler systems	farms	1 355	1 772
	acres	31 813	30 100		acres	391 974	265 794
50 to 99 acres	farms	1 031	1 152	Other sprinkler systems	farms	1 000	
	acres	73 540	82 411		acres	101 779	
100 to 199 acres	farms	1 361	1 490	Subirrigation	farms	22	22
	acres	189 189	207 765		acres	5 290	2 424
200 to 499 acres	farms	1 650	1 517	Land in irrigated farms	acres	9 061 398	8 086 507
	acres	513 776	474 894	Cropland	acres	6 238 630	5 695 484
500 to 999 acres	farms	810	614	Harvested cropland	acres	4 293 676	3 197 503
	acres	549 984	418 107				
1,000 acres and over	farms	404	199	Farms not irrigated in 1974 but irrigated between	farms	224	(X)
	acres	648 607	302 935	1970 and 1973	acres irrigated	12 762	(X)
Cropland irrigated	farms	6 564	6 059	Farms with artificial drainage	farms	1 935	2 753
	acres	2 000 636	1 510 524	Proportion of farms	percent	2.8	4.0
Harvested cropland irrigated	farms	6 519	6 021	Land in farms with drainage	acres	1 353 367	1 859 637
	acres	1 948 650	1 430 356	Land drained	acres	290 248	389 636
Cropland pasture irrigated	farms	168	520	Average per farm	acres	150.0	141.5
	acres	12 265	32 974	Land drained by systems installed in census year	farms	256	280
Other cropland irrigated	farms	307	393		acres	16 183	24 286
	acres	39 721	47 194	Artificial ponds, pits, reservoirs, and earthen tanks	farms	25 287	(NA)
Improved pastureland and rangeland irrigated	farms	35	46		number	91 912	(NA)
	acres	7 165	6 200		acres	109 715	(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	53 675	55 200	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	247 289	87 686	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	50 546	47 524	Insects on hay crops	farms	11 716	1 019
	acres on which used	12 159 466	9 281 055		acres on which used	454 527	34 702
Dry fertilizer	farms	37 300	41 273		\$1,000	2 209	113
	tons	582 299	528 167	Insects on other crops	farms	9 593	8 990
Farms by tons used:					acres on which used	2 182 838	1 417 715
1 to 49 tons		35 227	39 903		\$1,000	13 125	3 834
50 to 99 tons		1 552	1 074	Nematodes in crops	farms	155	152
100 to 199 tons		395	252		acres on which used	14 193	12 789
200 to 499 tons		110	42		\$1,000	77	56
500 to 799 tons		10	1	Diseases in crops and orchards	farms	393	539
800 to 999 tons		2	1		acres on which used	55 022	49 979
1,000 tons and over		4	1		\$1,000	357	255
Liquid fertilizer	farms	27 970	22 244	Weeds or grass in crops	farms	18 394	22 345
	tons	424 561	291 033		acres on which used	3 410 857	2 624 429
Farms by tons used:					\$1,000	21 206	8 622
1 to 9 tons		16 245	13 810	Weeds or brush in pasture	farms	5 139	6 880
10 to 49 tons		10 112	7 499		acres on which used	502 702	454 472
50 to 99 tons		1 172	694		\$1,000	1 429	747
100 to 199 tons		357	205	Weeds on other land	farms	2 722	(NA)
200 to 499 tons		75	31		acres on which used	55 339	(NA)
500 tons and over		9	5		\$1,000	206	(NA)
Lime	farms	2 136	4 331	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	316	505
	acres on which used	128 714	160 424		acres on which used	15 155	31 104
	tons	309 909	396 339	Insect control on livestock and poultry	farms	84	95
	\$1,000	1 452	1 436		\$1,000	6 370	15 400
Farms by tons used:				Other chemicals (see text)	farms	857	1 163
1 to 49 tons		668	1 998		acres on which used	5 608	(NA)
50 to 99 tons		531	1 070		\$1,000	1 854	(NA)
100 to 199 tons		484	764				
200 to 499 tons		346	427				
500 to 999 tons		82	61				
1,000 tons and over		25	12				