

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

Farms With Sales of \$2,500 and Over			Farms With Sales of \$2,500 and Over		
	1974	1969		1974	1969
Farms irrigated in census year	6 569	6 065	Estimated quantity of irrigation water applied	3 390 094	2 483 314
Proportion of farms	9.5	8.8	Average per acre irrigated	1.7	1.6
Total land irrigated	2 007 801	1 516 724	Method of irrigation:		
Average per farm	305.6	250.0	Furrows or ditches	4 073	4 135
Irrigated farms by acres irrigated:			Flooding	1 169 880	1 034 216
1 to 9 acres	218	110	Self-propelled sprinkler systems	1 475	1 333
10 to 49 acres	892	512	Other sprinkler systems	366 447	233 428
50 to 99 acres	1 095	983	Subirrigation	1 355	1 772
100 to 199 acres	31 813	30 100		391 974	265 794
200 to 499 acres	1 031	1 152	Land in irrigated farms	1 000	
500 to 999 acres	73 540	82 411	Cropland	101 779	
1,000 acres and over	1 361	1 490	Harvested cropland	22	22
	189 189	207 765		5 290	2 424
	1 650	1 517	Farms not irrigated in 1974 but irrigated between 1970 and 1973		
	513 776	474 894		224	(X)
	810	614		12 762	(X)
	549 984	418 107	Farms with artificial drainage	1 935	2 753
	404	199	Proportion of farms	2.8	4.0
	648 607	302 935	Land in farms with drainage	1 353 367	1 859 637
Cropland irrigated	6 564	6 059	Land drained	290 248	389 636
Harvested cropland irrigated	2 000 636	1 510 524	Average per farm	150.0	141.5
	6 519	6 021	Land drained by systems installed in census year	256	280
Cropland pasture irrigated	1 948 650	1 430 356		16 183	24 286
	168	520	Artificial ponds, pits, reservoirs, and earthen tanks		
Other cropland irrigated	12 265	32 974		25 287	(NA)
	307	393		91 912	(NA)
	39 721	47 194		109 715	(NA)
Improved pastureland and rangeland irrigated	35	46			
	7 165	6 200			

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over			Farms With Sales of \$2,500 and Over		
	1974	1969		1974	1969
Total chemical costs, including fertilizer and lime	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	50 546	47 524	Insects on hay crops	11 716	1 019
acres on which used	12 159 466	9 281 055	acres on which used	454 527	34 702
Dry fertilizer	204 433	71 125	\$1,000	2 209	113
\$1,000	37 300	41 273	Insects on other crops	9 593	8 990
tons	582 299	528 167	acres on which used	2 182 838	1 417 715
Farms by tons used:			\$1,000	13 125	3 834
1 to 49 tons	35 227	39 903	farms	155	152
50 to 99 tons	1 552	1 074	acres on which used	14 193	12 789
100 to 199 tons	395	252	\$1,000	77	56
200 to 499 tons	110	42	Diseases in crops and orchards	393	539
500 to 799 tons	10	1	acres on which used	55 022	49 979
800 to 999 tons	2	1	\$1,000	357	255
1,000 tons and over	4	1	farms	18 394	22 345
Liquid fertilizer	27 970	22 244	acres on which used	3 410 857	2 624 429
tons	424 561	291 033	\$1,000	21 206	8 622
Farms by tons used:			Weeds or brush in pasture	5 139	6 880
1 to 9 tons	16 245	13 810	acres on which used	502 702	454 472
10 to 49 tons	10 112	7 499	\$1,000	1 429	747
50 to 99 tons	1 172	694	farms	2 722	(NA)
100 to 199 tons	357	205	acres on which used	55 339	(NA)
200 to 499 tons	75	31	\$1,000	206	(NA)
500 to 999 tons	9	5	Chemicals for defoliation or for growth control of crops or thinning of fruit		
1,000 tons and over				316	505
Lime	2 136	4 331	acres on which used	15 155	31 104
acres on which used	128 714	160 424	\$1,000	84	95
tons	309 909	396 339	farms	6 370	15 400
\$1,000	1 452	1 436	acres on which used	857	1 163
Farms by tons used:			farms	5 608	(NA)
1 to 49 tons	668	1 998	Other chemicals (see text)	1 854	(NA)
50 to 99 tons	531	1 070			
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			