

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
Cropland pasture irrigated	6 519	6 021	Land drained by systems installed in census year	256	280
Other cropland irrigated	1 948 650	1 430 356	Artificial ponds, pits, reservoirs, and earthen tanks	16 183	24 286
	168	520		25 287	(NA)
	12 265	32 974		91 912	(NA)
	307	393		109 715	(NA)
	39 721	47 194			
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
tons	37 300	41 273	Insects on other crops	9 593	8 990
Farms by tons used:	582 299	528 167	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	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	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	27 970	22 244	Weeds or grass in crops	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	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	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	2 136	4 331	Chemicals for defoliation or for growth control of crops or thinning of fruit	316	505
acres on which used	128 714	160 424	acres on which used	15 155	31 104
tons	309 909	396 339	\$1,000	84	95
\$1,000	1 452	1 436	Insect control on livestock and poultry	6 370	15 400
Farms by tons used:			\$1,000	857	1 163
1 to 49 tons	668	1 998	farms	5 608	(NA)
50 to 99 tons	531	1 070	Other chemicals (see text)	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			