

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	2 984	2 894	Estimated quantity of irrigation water applied	acre-feet	4 779 771	4 879 204
Proportion of farms	percent	69.1	68.0	Average per acre irrigated	acre-feet	4.3	4.3
Total land irrigated	acres	1 109 978	1 128 696	Method of irrigation:			
Average per farm	acres	372.0	390.0	Furrows or ditches	farms	1 835	1 899
Irrigated farms by acres irrigated:				Flooding	farms	754 091	810 759
1 to 9 acres	farms	210	184		acres	1 358	1 303
10 to 49 acres	farms	981	928	Self-propelled sprinkler systems	farms	309 849	300 888
50 to 99 acres	farms	838	729		acres	74	174
100 to 199 acres	farms	20 903	18 282	Other sprinkler systems	farms	18 809	31 931
200 to 499 acres	farms	404	372		acres	165	
500 to 999 acres	farms	28 641	25 776	Subirrigation	farms	20 481	
1,000 acres and over	farms	405	406		acres	70	13
	acres	56 255	57 085	Land in irrigated farms	acres	18 419	1 113
	acres	505	568	Cropland	acres	5 318 308	5 839 090
	acres	164 528	185 905	Harvested cropland	acres	1 301 536	1 420 256
	acres	357	360		acres	1 051 228	1 030 467
	acres	251 375	248 835	Farms not irrigated in 1974 but irrigated between			
	acres	265	275	1970 and 1973	farms	26	(X)
	acres	587 295	591 885		acres irrigated	1 654	(X)
Cropland irrigated	farms	2 938	2 868	Farms with artificial drainage	farms	120	278
Harvested cropland irrigated	acres	1 098 836	1 118 638	Proportion of farms	percent	2.8	6.5
	farms	2 758	2 692	Land in farms with drainage	acres	109 309	504 678
Cropland pasture irrigated	acres	1 048 819	1 028 599	Land drained	acres	68 793	151 524
	farms	435	555	Average per farm	acres	573.3	545.0
Other cropland irrigated	acres	31 172	41 940	Land drained by systems installed in census year	farms	7	19
	farms	139	273		acres	3 470	3 199
	acres	18 845	48 099	Artificial ponds, pits, reservoirs, and earthen tanks	farms	880	(NA)
Improved pastureland and rangeland irrigated	farms	98	87		number	6 008	(NA)
	acres	11 142	10 058		acres	9 366	(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	2 706	2 861	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	62 212	34 239	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	2 458	2 400	Insects on hay crops	farms	320	186
	acres on which used	951 769	929 311		acres on which used	82 478	42 160
	\$1,000	39 248	17 776		\$1,000	796	364
Dry fertilizer	farms	1 806	1 957	Insects on other crops	farms	1 177	1 470
	tons	122 038	113 758		acres on which used	546 156	510 149
Farms by tons used:					\$1,000	15 025	11 625
1 to 49 tons	farms	1 302	1 470	Nematodes in crops	farms	96	142
50 to 99 tons	farms	221	232		acres on which used	26 023	21 571
100 to 199 tons	farms	152	136		\$1,000	480	296
200 to 499 tons	farms	87	83	Diseases in crops and orchards	farms	151	170
500 to 799 tons	farms	21	25		acres on which used	51 967	35 934
800 to 999 tons	farms	8	11		\$1,000	746	248
1,000 tons and over	farms	15	11	Weeds or grass in crops	farms	698	899
Liquid fertilizer	farms	1 466	1 629		acres on which used	380 371	324 637
	tons	79 184	71 050		\$1,000	3 734	2 599
Farms by tons used:				Weeds or brush in pasture	farms	32	38
1 to 9 tons	farms	609	701		acres on which used	5 121	12 613
10 to 49 tons	farms	533	625		\$1,000	34	67
50 to 99 tons	farms	173	155	Weeds on other land	farms	295	(NA)
100 to 199 tons	farms	89	87		acres on which used	20 405	(NA)
200 to 499 tons	farms	45	49		\$1,000	185	(NA)
500 tons and over	farms	17	12	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	459	684
Lime	farms	—	—		acres on which used	208 735	202 612
	acres on which used	—	—		\$1,000	1 478	1 089
	tons	—	—	Insect control on livestock and poultry	farms	277	459
	\$1,000	—	—		\$1,000	253	167
Farms by tons used:				Other chemicals (see text)	farms	255	(NA)
1 to 49 tons	farms	—	—		\$1,000	234	(NA)
50 to 99 tons	farms	—	—				
100 to 199 tons	farms	—	—				
200 to 499 tons	farms	—	—				
500 to 999 tons	farms	—	—				
1,000 tons and over	farms	—	—				