

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

Farms With Sales of \$2,500 and Over

	1974	1969
Farms irrigated in census year	2 984	2 894
Proportion of farms	69.1	68.0
Total land irrigated	1 109 978	1 128 696
Average per farm	372.0	390.0
Irrigated farms by acres irrigated:		
1 to 9 acres	210	184
10 to 49 acres	981	928
50 to 99 acres	838	729
100 to 199 acres	20 903	18 282
200 to 499 acres	404	372
500 to 999 acres	28 641	25 776
1,000 acres and over	405	406
	56 255	57 085
	505	568
	164 528	185 905
	357	360
	251 375	248 835
	265	275
	587 295	591 885
Cropland irrigated	2 938	2 868
Harvested cropland irrigated	1 098 836	1 118 638
Cropland pasture irrigated	2 758	2 692
Other cropland irrigated	1 048 819	1 028 599
	435	555
	31 172	41 940
	139	273
	18 845	48 099
Improved pastureland and rangeland irrigated	98	87
	11 142	10 058

Farms With Sales of \$2,500 and Over

	1974	1969
Estimated quantity of irrigation water applied	4 779 771	4 879 204
Average per acre irrigated	4.3	4.3
Method of irrigation:		
Furrows or ditches	1 835	1 899
Flooding	754 091	810 759
Self-propelled sprinkler systems	1 358	1 303
Other sprinkler systems	309 849	300 888
Subirrigation	74	174
	18 809	31 931
	165	
	20 481	
	70	13
	18 419	1 113
Land in irrigated farms	5 318 308	5 839 090
Cropland	1 301 536	1 420 256
Harvested cropland	1 051 228	1 030 467
Farms not irrigated in 1974 but irrigated between 1970 and 1973	26	(X)
	1 654	(X)
Farms with artificial drainage	120	278
Proportion of farms	2.8	6.5
Land in farms with drainage	109 309	504 678
Land drained	68 793	151 524
Average per farm	573.3	545.0
Land drained by systems installed in census year	7	19
	3 470	3 199
Artificial ponds, pits, reservoirs, and earthen tanks	880	(NA)
	6 008	(NA)
	9 366	(NA)

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over

	1974	1969
Total chemical costs, including fertilizer and lime	2 706	2 861
\$1,000	62 212	34 239
Commercial fertilizer	2 458	2 400
acres on which used	951 769	929 311
\$1,000	39 248	17 776
Dry fertilizer	1 806	1 957
tons	122 038	113 758
Farms by tons used:		
1 to 49 tons	1 302	1 470
50 to 99 tons	221	232
100 to 199 tons	152	136
200 to 499 tons	87	83
500 to 799 tons	21	25
800 to 999 tons	8	
1,000 tons and over	15	11
Liquid fertilizer	1 466	1 629
tons	79 184	71 050
Farms by tons used:		
1 to 9 tons	609	701
10 to 49 tons	533	625
50 to 99 tons	173	155
100 to 199 tons	89	87
200 to 499 tons	45	49
500 tons and over	17	12
Lime	-	-
acres on which used	-	-
tons	-	-
\$1,000	-	-
Farms by tons used:		
1 to 49 tons	-	-
50 to 99 tons	-	-
100 to 199 tons	-	-
200 to 499 tons	-	-
500 to 999 tons	-	-
1,000 tons and over	-	-

Farms With Sales of \$2,500 and Over

	1974	1969
Total chemical costs, including fertilizer and lime—Continued		
Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Insects on hay crops	320	186
acres on which used	82 478	42 160
\$1,000	796	364
Insects on other crops	1 177	1 470
acres on which used	546 156	510 149
\$1,000	15 025	11 625
Nematodes in crops	96	142
acres on which used	26 023	21 571
\$1,000	480	296
Diseases in crops and orchards	151	170
acres on which used	51 967	35 934
\$1,000	746	248
Weeds or grass in crops	698	899
acres on which used	380 371	324 637
\$1,000	3 734	2 599
Weeds or brush in pasture	32	38
acres on which used	5 121	12 613
\$1,000	34	67
Weeds on other land	295	(NA)
acres on which used	20 405	(NA)
\$1,000	185	(NA)
Chemicals for defoliation or for growth control of crops or thinning of fruit	459	684
acres on which used	208 735	202 612
\$1,000	1 478	1 089
Insect control on livestock and poultry	277	459
\$1,000	253	167
Other chemicals (see text)	255	(NA)
\$1,000	234	(NA)