

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	3 975	3 904	Estimated quantity of irrigation water applied	1 888 398	1 787 043
Proportion of farms	51.4	50.6	Average per acre irrigated	2.3	2.3
Total land irrigated	810 754	763 537	Method of irrigation:		
Average per farm	204.0	195.5	Furrows or ditches	2 448	2 527
Irrigated farms by acres irrigated:			Flooding	478 131	468 842
1 to 9 acres	225	180	Self-propelled sprinkler systems	1 404	1 526
10 to 49 acres	1 069	962	Other sprinkler systems	189 900	208 761
50 to 99 acres	1 125	862	Subirrigation	284	507
100 to 199 acres	31 336	24 122		91 400	91 222
200 to 499 acres	713	830		58 481	
500 to 999 acres	50 469	57 870		36	37
1,000 acres and over	740	858		6 551	3 200
	101 467	121 617	Land in irrigated farms	8 602 167	9 528 399
	777	834	Cropland	1 186 948	1 148 695
	239 136	251 359	Harvested cropland	753 344	685 768
	281	253			
	191 901	165 397	Farms not irrigated in 1974 but irrigated between		
	114	87	1970 and 1973	61	(X)
	195 376	142 210		5 889	(X)
Cropland irrigated	3 929	3 868	Farms with artificial drainage	123	505
Harvested cropland irrigated	785 674	737 702	Proportion of farms	1.6	6.5
Cropland pasture irrigated	3 722	3 704	Land in farms with drainage	341 768	1 343 233
Other cropland irrigated	693 570	621 600	Land drained	34 314	111 791
	790	1 067	Average per farm	279.0	221.4
	57 822	73 008	Land drained by systems installed in census year	.9	15
	324	516		921	3 049
	34 282	43 094	Artificial ponds, pits, reservoirs, and earthen tanks	2 303	(NA)
Improved pastureland and rangeland irrigated	124	168		14 080	(NA)
	25 080	25 835		17 967	(NA)

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	3 588	4 422	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	19 527	9 927	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	2 915	2 984	Insects on hay crops	255	385
acres on which used	574 975	522 201	acres on which used	29 745	31 534
\$1,000	15 812	7 160	\$1,000	147	130
Dry fertilizer	2 260	2 645	Insects on other crops	856	1 227
tons	58 197	48 899	acres on which used	228 553	215 956
Farms by tons used:			\$1,000	1 923	1 411
1 to 49 tons	1 968	2 427	Nematodes in crops	71	148
50 to 99 tons	176	152	acres on which used	4 622	9 825
100 to 199 tons	82	50	\$1,000	63	89
200 to 499 tons	31	13	Diseases in crops and orchards	51	146
500 to 799 tons	3	3	acres on which used	4 975	11 401
800 to 999 tons	-	-	\$1,000	37	75
1,000 tons and over	-	-	Weeds or grass in crops	919	1 351
Liquid fertilizer	1 139	1 457	acres on which used	183 502	206 566
tons	26 192	25 254	\$1,000	1 040	729
Farms by tons used:			Weeds or brush in pasture	29	92
1 to 9 tons	609	794	acres on which used	18 710	56 510
10 to 49 tons	394	543	\$1,000	52	93
50 to 99 tons	85	95	Weeds on other land	188	(NA)
100 to 199 tons	39	21	acres on which used	7 499	(NA)
200 to 499 tons	12	3	\$1,000	50	(NA)
500 to 999 tons	-	-	Chemicals for defoliation or for growth control of crops		
1,000 tons and over	-	-	or thinning of fruit	60	111
Lime	-	-	acres on which used	7 659	8 596
acres on which used	-	-	\$1,000	61	34
tons	-	-	Insect control on livestock and poultry	593	1 387
\$1,000	-	-	\$1,000	178	188
Farms by tons used:			Other chemicals (see text)	335	(NA)
1 to 49 tons	-	-	acres on which used	162	(NA)
50 to 99 tons	-	-			
100 to 199 tons	-	-			
200 to 499 tons	-	-			
500 to 999 tons	-	-			
1,000 tons and over	-	-			