

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	3 192	3 495	Estimated quantity of irrigation water applied	706 074	718 655
Proportion of farms	6.7	6.7	Average per acre irrigated	1.4	1.4
Total land irrigated	509 643	516 769	Method of irrigation:		
Average per farm	159.7	147.8	Furrows or ditches	1 014	1 216
Irrigated farms by acres irrigated:			acres	252 348	295 875
1 to 9 acres	203	182	Flooding	45 072	46 747
10 to 49 acres	845	890	acres	488	2 154
50 to 99 acres	944	1 082	Self-propelled sprinkler systems	89 936	177 293
100 to 199 acres	26 274	30 664	acres	1 656	
200 to 499 acres	756	860	Other sprinkler systems	127 199	
500 to 999 acres	53 101	60 831	acres	10	14
1,000 acres and over	613	657	Subirrigation	467	1 142
acres	85 791	89 287	Land in irrigated farms	2 983 337	3 195 471
acres	473	511	Cropland	1 684 437	1 772 551
acres	140 276	157 648	Harvested cropland	1 200 718	1 084 830
acres	140	154	Farms not irrigated in 1974 but irrigated between		
acres	94 884	103 220	1970 and 1973	299	(X)
acres	49	74	acres irrigated	16 784	(X)
acres	108 472	74 229	Farms with artificial drainage	1 047	1 812
Cropland irrigated	3 126	3 436	Proportion of farms	2.2	3.5
acres	498 324	504 066	Land in farms with drainage	736 631	1 162 189
Harvested cropland irrigated	3 005	3 283	Land drained	166 651	305 034
acres	473 165	460 812	Average per farm	159.2	168.3
acres	330	570	Land drained by systems installed in census year	133	170
Cropland pasture irrigated	19 563	26 116	acres	6 905	20 272
acres	72	173	Artificial ponds, pits, reservoirs, and earthen tanks	22 276	(NA)
acres	5 596	17 138	number	104 959	(NA)
Improved pastureland and rangeland irrigated	177	190	acres	125 063	(NA)
acres	11 319	12 703			

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	31 770	37 322	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	96 638	41 920	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	29 312	29 388	Insects on hay crops	3 436	1 646
acres on which used	5 899 047	4 982 231	acres on which used	165 625	85 017
\$1,000	84 677	34 856	\$1,000	926	235
Dry fertilizer	23 296	27 858	Insects on other crops	2 392	4 046
tons	380 308	361 633	acres on which used	483 007	602 239
Farms by tons used:			\$1,000	3 260	2 029
1 to 49 tons	21 843	26 746	acres on which used	170	209
50 to 99 tons	1 097	842	\$1,000	11 920	18 060
100 to 199 tons	288	214	acres on which used	114	136
200 to 499 tons	60	49	Diseases in crops and orchards	475	478
500 to 999 tons	6	6	acres on which used	42 933	34 201
800 to 999 tons	-	-	\$1,000	639	229
1,000 tons and over	2	1	acres on which used	4 383	5 273
Liquid fertilizer	6 704	6 409	\$1,000	689 784	513 731
tons	106 078	75 431	acres on which used	3 616	1 687
Farms by tons used:			Weeds or brush in pasture	2 483	3 387
1 to 9 tons	3 736	4 185	acres on which used	525 648	381 480
10 to 49 tons	2 566	1 980	\$1,000	1 268	769
50 to 99 tons	307	200	acres on which used	596	(NA)
100 to 199 tons	83	36	\$1,000	14 255	(NA)
200 to 499 tons	10	6	acres on which used	51	(NA)
500 tons and over	2	2	Chemicals for defoliation or for growth control of crops or thinning of fruit	406	852
Lime	963	2 641	acres on which used	27 008	47 693
acres on which used	57 563	110 021	\$1,000	129	154
tons	112 105	206 778	acres	3 520	11 077
\$1,000	616	875	\$1,000	638	829
Farms by tons used:			acres	2 522	(NA)
1 to 49 tons	367	1 298	Other chemicals (see text)	704	(NA)
50 to 99 tons	261	696			
100 to 199 tons	217	453			
200 to 499 tons	90	166			
500 to 999 tons	16	22			
1,000 tons and over	12	6			