

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	554	753	Estimated quantity of irrigation water applied	acre-feet	282 325	269 069
Proportion of farms	percent	2.1	2.7	Average per acre irrigated	acre-feet	1.8	1.8
Total land irrigated	acres	160 401	146 004	Method of irrigation:			
Average per farm	acres	289.5	193.8	Furrows or ditches	farms	161	308
Irrigated farms by acres irrigated:				Flooding	farms	30 226	59 720
1 to 9 acres	farms	65	110	Self-propelled sprinkler systems	farms	124 944	80 142
10 to 49 acres	acres	196	432	Other sprinkler systems	farms	21	127
50 to 99 acres	farms	69	178	Subirrigation	farms	3 113	6
100 to 199 acres	acres	1 784	4 268		acres	910	144
200 to 499 acres	farms	51	79	Land in irrigated farms	acres	926 938	953 356
500 to 999 acres	acres	3 442	5 065	Cropland	acres	770 287	748 473
1,000 acres and over	farms	124	142	Harvested cropland	acres	640 673	636 293
	acres	16 777	20 271	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	74	(X)
Cropland irrigated	farms	551	752		acres irrigated	8 734	(X)
Harvested cropland irrigated	farms	159 457	145 870	Farms with artificial drainage	farms	1 712	3 524
Cropland pasture irrigated	farms	546	726	Proportion of farms	percent	6.6	13.0
Other cropland irrigated	farms	156 933	143 511	Land in farms with drainage	acres	1 701 867	2 788 153
Improved pastureland and rangeland irrigated	farms	5	31	Land drained	acres	1 066 350	1 814 514
	acres	2 373	1 001	Average per farm	acres	622.9	514.9
	farms	15	14	Land drained by systems installed in census year	farms	212	230
	acres	6	6		acres	34 587	46 135
	acres	944	134	Artificial ponds, pits, reservoirs, and earthen tanks	farms	8 454	(NA)
					number	35 510	(NA)
					acres	49 542	(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	21 171	24 316	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	152 747	77 340	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	20 480	21 730	Insects on hay crops	farms	239	304
	acres on which used	3 563 489	2 984 234		acres on which used	8 035	9 283
Dry fertilizer	\$1,000	77 874	38 278		\$1,000	57	36
	farms	17 400	21 242	Insects on other crops	farms	5 726	10 298
	tons	454 621	451 640		acres on which used	1 855 383	1 459 944
Farms by tons used:				Nematodes in crops	\$1,000	32 906	15 673
1 to 49 tons	farms	15 072	19 097		farms	106	137
50 to 99 tons	acres	1 448	1 454		acres on which used	23 718	14 449
100 to 199 tons	farms	630	511		\$1,000	287	106
200 to 499 tons	acres	221	163	Diseases in crops and orchards	farms	193	339
500 to 799 tons	farms	2	17		acres on which used	55 674	61 814
800 to 999 tons	acres	2	17		\$1,000	719	318
1,000 tons and over	farms	6	-	Weeds or grass in crops	farms	6 218	8 888
Liquid fertilizer	farms	3 929	4 502		acres on which used	2 537 888	2 077 779
	tons	103 082	73 260		\$1,000	31 232	16 086
Farms by tons used:				Weeds or brush in pasture	farms	616	1 288
1 to 9 tons	farms	1 961	2 717		acres on which used	60 499	85 594
10 to 49 tons	acres	1 354	1 434		farms	223	174
50 to 99 tons	farms	391	252	Weeds on other land	farms	569	(NA)
100 to 199 tons	acres	166	80		acres on which used	19 344	(NA)
200 to 499 tons	farms	51	15		\$1,000	137	(NA)
500 to 999 tons	acres	6	4	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	2 790	4 806
1,000 tons and over	farms	2 668	7 659		acres on which used	903 673	775 586
Lime	farms	227 036	438 754		\$1,000	4 989	2 555
	acres on which used	286 548	578 594	Insect control on livestock and poultry	farms	1 768	5 496
	tons	2 680	3 593		\$1,000	360	453
Farms by tons used:				Other chemicals (see text)	farms	2 136	(NA)
1 to 49 tons	farms	1 515	4 729		\$1,000	1 282	(NA)
50 to 99 tons	acres	458	1 317				
100 to 199 tons	farms	323	877				
200 to 499 tons	acres	258	595				
500 to 999 tons	farms	73	101				
1,000 tons and over	acres	41	40				