

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	142	154	Estimated quantity of irrigation water applied	acre-feet	7 865	7 452
Proportion of farms	percent	4.8	5.4	Average per acre irrigated	acre-feet	0.4	0.4
Total land irrigated	acres	19 797	20 385	Method of irrigation:			
Average per farm	acres	139.4	132.3	Furrows or ditches	farms	5	-
Irrigated farms by acres irrigated:					acres	298	-
1 to 9 acres	farms	31	15	Flooding	farms	-	-
10 to 49 acres	acres	97	63		acres	-	-
50 to 99 acres	farms	27	29	Self-propelled sprinkler systems	farms	53	154
	acres	715	673		acres	9 211	20 385
100 to 199 acres	farms	23	31	Other sprinkler systems	farms	98	-
	acres	1 551	1 983		acres	10 333	-
200 to 499 acres	farms	29	50	Subirrigation	farms	-	-
	acres	4 146	6 880		acres	-	-
500 to 999 acres	farms	24	24	Land in irrigated farms	acres	74 705	80 682
	acres	6 550	7 501	Cropland	acres	63 136	68 018
1,000 acres and over	farms	6	5	Harvested cropland	acres	60 989	59 931
	acres	3 781	3 285				
Cropland irrigated	farms	142	154	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	25	(X)
Harvested cropland irrigated	acres	19 797	20 385		acres irrigated	1 869	(X)
Cropland pasture irrigated	farms	138	154	Farms with artificial drainage	farms	426	688
Other cropland irrigated	acres	19 571	20 031	Proportion of farms	percent	14.3	24.4
	farms	6	3	Land in farms with drainage	acres	133 043	186 603
	acres	47	6	Land drained	acres	66 287	83 843
Improved pastureland and rangeland irrigated	farms	4	4	Average per farm	acres	155.6	121.8
	acres	179	348	Land drained by systems installed in census year	farms	59	31
					acres	3 983	1 874
				Artificial ponds, pits, reservoirs, and earthen tanks	farms	233	(NA)
					number	445	(NA)
					acres	414	(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	2 183	2 196	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	19 386	8 247	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	2 042	1 925	Insects on hay crops	farms	36	26
	acres on which used	390 091	327 214		acres on which used	1 374	653
Dry fertilizer	\$1,000	14 393	6 294		\$1,000	11	4
	farms	1 886	1 922	Insects on other crops	farms	573	381
	tons	86 372	79 389		acres on which used	119 540	49 387
Farms by tons used:					\$1,000	1 188	441
1 to 49 tons	farms	1 437	1 531	Nematodes in crops	farms	18	15
50 to 99 tons	acres	239	197		acres on which used	1 778	1 013
100 to 199 tons	farms	118	116		\$1,000	30	17
200 to 499 tons	acres	83	69	Diseases in crops and orchards	farms	51	72
500 to 999 tons	farms	5	7		acres on which used	9 173	7 678
1,000 tons and over	acres	3	2		\$1,000	161	82
Liquid fertilizer	farms	658	491	Weeds or grass in crops	farms	1 069	1 095
	tons	8 502	5 910		acres on which used	260 490	187 795
Farms by tons used:					\$1,000	2 181	722
1 to 9 tons	farms	496	369	Weeds or brush in pasture	farms	4	11
10 to 49 tons	acres	132	102		acres on which used	31	360
50 to 99 tons	farms	20	11		\$1,000	(2)	1
100 to 199 tons	acres	3	3	Weeds on other land	farms	49	(NA)
200 to 499 tons	farms	6	6		acres on which used	663	(NA)
500 tons and over	acres	1	-		\$1,000	4	(NA)
Lime	farms	807	960	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	15	32
	acres on which used	92 993	69 860		acres on which used	1 391	3 346
	tons	99 245	69 276	Insect control on livestock and poultry	farms	12	10
	\$1,000	1 206	645		\$1,000	77	212
Farms by tons used:					\$1,000	13	25
1 to 49 tons	farms	349	522	Other chemicals (see text)	farms	338	(NA)
50 to 99 tons	acres	179	234		\$1,000	185	(NA)
100 to 199 tons	farms	137	124				
200 to 499 tons	acres	105	67				
500 to 999 tons	farms	28	12				
1,000 tons and over	acres	9	1				