

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	1 038	978	Estimated quantity of irrigation water applied	acre-feet	185 990	166 246
Proportion of farms	percent	2.6	2.4	Average per acre irrigated	acre-feet	1.2	1.1
Total land irrigated	acres	150 577	145 606	Method of irrigation:			
Average per farm	acres	145.1	148.9	Furrows or ditches	farms	373	327
Irrigated farms by acres irrigated:					acres	45 040	37 888
1 to 9 acres	farms	45	25	Flooding	farms	410	504
	acres	175	103		acres	51 760	71 828
10 to 49 acres	farms	197	176	Self-propelled sprinkler systems	farms	195	309
	acres	5 746	5 154		acres	31 336	38 071
50 to 99 acres	farms	243	228	Other sprinkler systems	farms	258	
	acres	17 100	15 986		acres	22 710	
100 to 199 acres	farms	306	315	Subirrigation	farms	18	2
	acres	42 002	44 041		acres	2 982	(D)
200 to 499 acres	farms	211	202	Land in irrigated farms	acres	2 483 149	2 587 106
	acres	61 328	57 631	Cropland	acres	621 769	551 713
500 to 999 acres	farms	33	28	Harvested cropland	acres	471 184	371 092
	acres	20 696	17 153	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	108	(X)
1,000 acres and over	farms	3	4		acres irrigated	9 488	(X)
	acres	3 530	5 538	Farms with artificial drainage	farms	2 146	3 734
Cropland irrigated	farms	1 034	974	Proportion of farms	percent	5.4	9.2
	acres	148 748	140 940	Land in farms with drainage	acres	1 557 631	2 605 047
Harvested cropland irrigated	farms	1 018	955	Land drained	acres	204 357	344 938
	acres	142 632	132 688	Average per farm	acres	95.2	92.3
Cropland pasture irrigated	farms	92	134	Land drained by systems installed in census year	farms	213	144
	acres	5 289	6 914		acres	7 071	15 121
Other cropland irrigated	farms	17	29	Artificial ponds, pits, reservoirs, and earthen tanks	farms	14 886	(NA)
	acres	827	1 338		number	63 803	(NA)
Improved pastureland and rangeland irrigated	farms	19	39		acres	83 271	(NA)
	acres	1 829	4 666				

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	27 218	28 950	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	80 529	27 527	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	21 976	19 584	Insects on hay crops	farms	2 207	774
	acres on which used	4 917 458	3 473 777		acres on which used	168 312	47 358
Dry fertilizer	\$1,000	60 781	21 362		\$1,000	543	88
	farms	18 474	18 265	Insects on other crops	farms	5 939	3 943
	tons	259 458	179 322		acres on which used	1 151 854	459 700
Farms by tons used:					\$1,000	4 377	994
1 to 49 tons		17 741	17 971	Nematodes in crops	farms	79	95
50 to 99 tons		568	236		acres on which used	10 844	11 009
100 to 199 tons		137	48		\$1,000	42	36
200 to 499 tons		27	10	Diseases in crops and orchards	farms	170	173
500 to 799 tons		1	—		acres on which used	34 040	20 278
800 to 999 tons		—	—		\$1,000	106	30
1,000 tons and over		—	—	Weeds or grass in crops	farms	14 838	17 279
Liquid fertilizer	farms	5 953	5 656		acres on which used	4 151 636	3 129 915
	tons	75 889	54 707		\$1,000	12 374	3 993
Farms by tons used:				Weeds or brush in pasture	farms	1 784	2 164
1 to 9 tons		3 740	4 001		acres on which used	107 820	119 298
10 to 49 tons		1 968	1 537		\$1,000	265	154
50 to 99 tons		182	86	Weeds on other land	farms	2 014	(NA)
100 to 199 tons		52	26		acres on which used	66 383	(NA)
200 to 499 tons		11	5		\$1,000	189	(NA)
500 tons and over		—	1	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	170	260
Lime	farms	91	23		acres on which used	19 818	28 860
	acres on which used	6 961	1 961		\$1,000	78	51
	tons	8 696	2 320	Insect control on livestock and poultry	farms	4 773	9 742
	\$1,000	82	15		\$1,000	579	682
Farms by tons used:				Other chemicals (see text)	farms	3 125	(NA)
1 to 49 tons		56	12		\$1,000	1 113	(NA)
50 to 99 tons		10	6				
100 to 199 tons		10	1				
200 to 499 tons		13	3				
500 to 999 tons		1	1				
1,000 tons and over		1	—				