

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	132	98	Estimated quantity of irrigation water applied	2 844	2 185
Proportion of farms	2.9	1.9	Average per acre irrigated	0.5	0.4
Total land irrigated	5 711	5 353	Method of irrigation:		
Average per farm	43.3	54.6	Furrows or ditches	1	2
Irrigated farms by acres irrigated:			Flooding	40	164
1 to 9 acres	61	50	Self-propelled sprinkler systems	29	95
10 to 49 acres	177	154	Other sprinkler systems	1 589	5 188
50 to 99 acres	46	20	Subirrigation	103	
100 to 199 acres	1 025	504		4 046	
200 to 499 acres	11	14		80	
500 to 999 acres	822	895			
1,000 acres and over	6	4	Land in irrigated farms	42 808	58 731
	857	525	Cropland	19 043	37 645
	7	7	Harvested cropland	15 512	23 272
	1 730	1 605			
		3			
		1 670			
	1		Farms not irrigated in 1974 but irrigated between	27	(X)
	1 100		1970 and 1973	2 073	(X)
Cropland irrigated	132	98			
Harvested cropland irrigated	5 711	5 353	Farms with artificial drainage	521	812
Cropland pasture irrigated	131	97	Proportion of farms	11.4	15.9
Other cropland irrigated	5 701	5 348	Land in farms with drainage	214 481	315 370
			Land drained	22 852	32 612
			Average per farm	43.9	40.1
			Land drained by systems installed in census year	178	116
				2 685	2 222
			Artificial ponds, pits, reservoirs, and earthen tanks	981	(NA)
				1 768	(NA)
				1 257	(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	3 200	3 856	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	25 319	14 230	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	2 983	3 260	Insects on hay crops	73	31
acres on which used	260 852	275 401	acres on which used	2 966	990
Dry fertilizer	18 780	10 306	\$1,000	22	4
tons	2 707	3 272			
Farms by tons used:	129 045	141 306	Insects on other crops	1 448	1 878
1 to 49 tons	1 896	2 254	acres on which used	156 909	157 185
50 to 99 tons	514	706	\$1,000	3 294	1 336
100 to 199 tons	205	247	Nematodes in crops	27	18
200 to 499 tons	82	61	acres on which used	1 009	901
500 to 799 tons	4	3	\$1,000	14	7
800 to 999 tons	2				
1,000 tons and over	4	1	Diseases in crops and orchards	472	885
Liquid fertilizer	59	102	acres on which used	44 823	74 933
tons	997	4 400	\$1,000	840	801
Farms by tons used:			Weeds or grass in crops	1 161	1 529
1 to 9 tons	43	68	acres on which used	116 675	124 408
10 to 49 tons	10	23	\$1,000	1 015	501
50 to 99 tons	5	3			
100 to 199 tons		5	Weeds or brush in pasture	21	49
200 to 499 tons	1	2	acres on which used	763	840
500 tons and over		1	\$1,000	8	5
Lime	900	1 946	Weeds on other land	45	(NA)
acres on which used	46 103	92 493	acres on which used	1 404	(NA)
tons	49 792	87 372	\$1,000	11	(NA)
\$1,000	719	870			
Farms by tons used:			Chemicals for defoliation or for growth control of crops	353	740
1 to 49 tons	629	1 541	or thinning of fruit	37 363	65 047
50 to 99 tons	146	263	acres on which used	304	305
100 to 199 tons	79	92	\$1,000	252	707
200 to 499 tons	38	43	Insect control on livestock and poultry	95	78
500 to 999 tons	5	4	\$1,000	407	(NA)
1,000 tons and over	3	3	Other chemicals (see text)	217	(NA)