

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	608	681	Estimated quantity of irrigation water applied	acre-feet	32 682	26 267
Proportion of farms	percent	0.6	0.6	Average per acre irrigated	acre-feet	0.6	0.6
Total land irrigated	acres	53 459	47 558	Method of irrigation:			
Average per farm	acres	87.9	69.8	Furrows or ditches	farms	26	50
Irrigated farms by acres irrigated:					acres	5 045	4 746
1 to 9 acres	farms	216	195	Flooding	farms	21	13
	acres	546	663		acres	1 714	937
10 to 49 acres	farms	148	215	Self-propelled sprinkler systems	farms	274	618
	acres	3 719	4 968		acres	30 832	40 075
50 to 99 acres	farms	74	120	Other sprinkler systems	farms	300	
	acres	5 237	8 482		acres	15 136	
100 to 199 acres	farms	97	90	Subirrigation	farms	8	4
	acres	13 051	11 960		acres	1 008	(D)
200 to 499 acres	farms	56	52	Land in irrigated farms	acres	231 058	231 710
	acres	16 507	14 484	Cropland	acres	197 238	199 663
500 to 999 acres	farms	13	6	Harvested cropland	acres	175 177	158 432
	acres	7 332	3 695	Farms not irrigated in 1974 but irrigated between			
1,000 acres and over	farms	4	3	1970 and 1973	farms	47	(X)
	acres	7 067	3 306		acres irrigated	2 436	(X)
Cropland irrigated	farms	607	680	Farms with artificial drainage	farms	24 888	33 048
	acres	53 458	47 368	Proportion of farms	percent	25.5	32.8
Harvested cropland irrigated	farms	602	634	Land in farms with drainage	acres	9 596 671	11 044 245
	acres	49 951	44 971	Land drained	acres	6 489 292	7 691 106
Cropland pasture irrigated	farms	2	45	Average per farm	acres	260.7	232.7
	acres	50	1 253	Land drained by systems installed in census year	farms	2 583	1 337
Other cropland irrigated	farms	30	21		acres	183 354	89 673
	acres	3 457	1 144	Artificial ponds, pits, reservoirs, and earthen tanks	farms	19 184	(NA)
Improved pastureland and rangeland irrigated	farms	1	--		number	43 075	(NA)
	acres	1	--		acres	39 049	(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	83 688	91 039	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	544 443	235 924	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	79 782	81 504	Insects on hay crops	farms	4 197	1 516
	acres on which used	12 475 363	10 898 612		acres on which used	96 433	32 957
	\$1,000	406 721	169 244		\$1,000	546	156
Dry fertilizer	farms	69 234	74 940	Insects on other crops	farms	23 244	30 836
	tons	1 586 567	1 402 105		acres on which used	4 426 949	4 522 800
Farms by tons used:					\$1,000	24 983	12 740
1 to 49 tons		61 409	69 372	Nematodes in crops	farms	318	557
50 to 99 tons		6 096	4 396		acres on which used	41 642	58 174
100 to 199 tons		1 446	1 003		\$1,000	272	247
200 to 499 tons		263	158	Diseases in crops and orchards	farms	723	1 076
500 to 799 tons		16	8		acres on which used	86 146	93 300
800 to 999 tons		3			\$1,000	1 115	750
1,000 tons and over		1	3	Weeds or grass in crops	farms	48 540	59 347
Liquid fertilizer	farms	47 859	48 427		acres on which used	11 708 209	9 222 549
	tons	718 967	717 660		\$1,000	92 112	40 397
Farms by tons used:				Weeds or brush in pasture	farms	1 258	3 391
1 to 9 tons		26 563	27 269		acres on which used	27 018	55 282
10 to 49 tons		18 767	18 635		\$1,000	148	182
50 to 99 tons		1 902	1 927	Weeds on other land	farms	5 027	(NA)
100 to 199 tons		504	504		acres on which used	39 895	(NA)
200 to 499 tons		119	90		\$1,000	296	(NA)
500 tons and over		4	2	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	576	912
Lime	farms	12 998	24 090		acres on which used	45 706	68 525
	acres on which used	790 791	1 065 336		\$1,000	403	346
	tons	1 975 043	2 797 912	Insect control on livestock and poultry	farms	6 407	17 802
	\$1,000	9 659	10 207		\$1,000	648	1 259
Farms by tons used:				Other chemicals (see text)	farms	10 591	(NA)
1 to 49 tons		2 804	6 881		\$1,000	7 539	(NA)
50 to 99 tons		3 369	7 391				
100 to 199 tons		3 694	6 174				
200 to 499 tons		2 616	3 155				
500 to 999 tons		426	414				
1,000 tons and over		89	75				