

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	farms	47	(X)
1,000 acres and over	farms	4	3	1970 and 1973	acres irrigated	2 436	(X)
	acres	7 067	3 306	Farms with artificial drainage	farms	24 888	33 048
Cropland irrigated	farms	607	680	Proportion of farms	percent	25.5	32.8
	acres	53 458	47 368	Land in farms with drainage	acres	9 596 671	11 044 245
Harvested cropland irrigated	farms	602	634	Land drained	acres	6 489 292	7 691 106
	acres	49 951	44 971	Average per farm	acres	260.7	232.7
Cropland pasture irrigated	farms	2	45	Land drained by systems installed in census year	farms	2 583	1 337
	acres	50	1 253		acres	183 354	89 673
Other cropland irrigated	farms	30	21	Artificial ponds, pits, reservoirs, and earthen tanks	farms	19 184	(NA)
	acres	3 457	1 144		number	43 075	(NA)
Improved pastureland and rangeland irrigated	farms	1	--		acres	39 049	(NA)
	acres	1	--				

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	farms	61 409	69 372	Nematodes in crops	farms	318	557
	acres on which used	6 096	4 396		acres on which used	41 642	58 174
50 to 99 tons	farms	1 446	1 003		\$1,000	272	247
	acres on which used	263	158	Diseases in crops and orchards	farms	723	1 076
100 to 199 tons	farms	16	8		acres on which used	86 146	93 300
	acres on which used	3	8		\$1,000	1 115	750
200 to 499 tons	farms	1	3	Weeds or grass in crops	farms	48 540	59 347
	acres on which used	1	3		acres on which used	11 708 209	9 222 549
500 to 799 tons	farms	1	3		\$1,000	92 112	40 397
	acres on which used	1	3	Weeds or brush in pasture	farms	1 258	3 391
800 to 999 tons	farms	1	3		acres on which used	27 018	55 282
	acres on which used	1	3		\$1,000	148	182
1,000 tons and over	farms	1	3	Weeds on other land	farms	5 027	(NA)
	acres on which used	1	3		acres on which used	39 895	(NA)
Liquid fertilizer	farms	47 859	48 427		\$1,000	296	(NA)
	tons	718 967	717 660	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	576	912
Farms by tons used:					acres on which used	45 706	68 525
1 to 9 tons	farms	26 563	27 269		\$1,000	403	346
	acres on which used	18 767	18 635	Insect control on livestock and poultry	farms	6 407	17 802
10 to 49 tons	farms	1 902	1 927		\$1,000	648	1 259
	acres on which used	504	504	Other chemicals (see text)	farms	10 591	(NA)
50 to 99 tons	farms	119	90		\$1,000	7 539	(NA)
	acres on which used	4	2				
100 to 199 tons	farms	12 998	24 090				
	acres on which used	790 791	1 065 336				
200 to 499 tons	farms	1 975 043	2 797 912				
	acres on which used	9 659	10 207				
500 to 999 tons	farms	2 804	6 881				
	acres on which used	3 369	7 391				
1,000 tons and over	farms	3 694	6 174				
	acres on which used	2 616	3 155				
	acres	426	414				
	acres	89	75				