

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	12 324	12 738	Estimated quantity of irrigation water applied	acre-feet	5 518 212	5 886 930
Proportion of farms	percent	58.5	59.6	Average per acre irrigated	acre-feet	2.0	2.1
Total land irrigated	acres	2 788 746	2 788 124	Method of irrigation:			
Average per farm	acres	226.3	218.8	Furrows or ditches	farms	8 332	8 710
Irrigated farms by acres irrigated:					acres	1 354 121	1 405 923
1 to 9 acres	farms	488	328	Flooding	farms	5 765	6 714
10 to 49 acres	farms	2 150	1 440		acres	1 036 979	1 197 047
50 to 99 acres	farms	2 141	1 739	Self-propelled sprinkler systems	farms	1 020	1 581
	acres	59 785	50 301		acres	304 785	210 721
	farms	2 246	2 362	Other sprinkler systems	farms	987	
	acres	159 948	170 337		acres	91 771	
100 to 199 acres	farms	3 176	3 904	Subirrigation	farms	378	148
	acres	446 066	551 201		acres	49 597	20 076
200 to 499 acres	farms	3 041	3 337	Land in irrigated farms	acres	16 953 529	16 938 278
	acres	917 645	995 421	Cropland	acres	4 872 189	4 545 138
500 to 999 acres	farms	908	812	Harvested cropland	acres	3 231 896	2 757 017
	acres	595 191	538 386	Farms not irrigated in 1974 but irrigated between			
1,000 acres and over	farms	324	256	1970 and 1973	farms	148	(X)
	acres	607 961	481 038		acres irrigated	10 937	(X)
Cropland irrigated	farms	12 200	12 594	Farms with artificial drainage	farms	1 084	2 393
	acres	2 641 159	2 555 251	Proportion of farms	percent	5.1	11.2
Harvested cropland irrigated	farms	11 869	12 262	Land in farms with drainage	acres	907 161	1 934 169
	acres	2 357 978	2 175 292	Land drained	acres	170 076	325 475
Cropland pasture irrigated	farms	2 644	3 737	Average per farm	acres	156.9	136.0
	acres	252 691	314 019	Land drained by systems installed in census year	farms	80	74
Other cropland irrigated	farms	493	1 113		acres	5 050	6 294
	acres	30 490	65 940	Artificial ponds, pits, reservoirs, and earthen tanks	farms	4 633	(NA)
Improved pastureland and rangeland irrigated	farms	647	1 287		number	21 787	(NA)
	acres	147 587	232 873		acres	28 721	(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	12 696	14 534	Total chemical costs, including fertilizer and lime - Continued			
	\$1,000	64 842	26 686	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	10 516	10 662	Insects on hay crops	farms	2 065	1 634
	acres on which used	2 114 757	1 520 272		acres on which used	141 583	85 553
	\$1,000	51 976	19 974		\$1,000	601	241
Dry fertilizer	farms	8 210	9 334	Insects on other crops	farms	4 015	4 425
	tons	178 170	145 834		acres on which used	811 388	710 656
Farms by tons used:					\$1,000	5 636	2 445
1 to 49 tons		7 365	8 799	Nematodes in crops	farms	304	400
50 to 99 tons		569	387		acres on which used	16 973	19 034
100 to 199 tons		203	112		\$1,000	558	425
200 to 499 tons		63	32	Diseases in crops and orchards	farms	394	505
500 to 799 tons		7	4		acres on which used	39 376	36 711
800 to 999 tons		2			\$1,000	316	242
1,000 tons and over		1		Weeds or grass in crops	farms	4 555	6 326
Liquid fertilizer	farms	4 900	4 905		acres on which used	1 024 235	973 747
	tons	83 977	59 599		\$1,000	4 569	2 515
Farms by tons used:				Weeds or brush in pasture	farms	214	576
1 to 9 tons		2 964	3 439		acres on which used	23 391	47 672
10 to 49 tons		1 579	1 282		\$1,000	87	105
50 to 99 tons		234	122	Weeds on other land	farms	1 476	(NA)
100 to 199 tons		83	45		acres on which used	36 719	(NA)
200 to 499 tons		38	13		\$1,000	192	(NA)
500 tons and over		2	4	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	150	243
Lime	farms	1			acres on which used	10 283	11 283
	acres on which used	2			\$1,000	62	58
	tons	2		Insect control on livestock and poultry	farms	1 723	4 374
	\$1,000	(Z)			\$1,000	400	609
Farms by tons used:				Other chemicals (see text)	farms	1 231	(NA)
1 to 49 tons		1			\$1,000	444	(NA)
50 to 99 tons							
100 to 199 tons							
200 to 499 tons							
500 to 999 tons							
1,000 tons and over							