

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	20 075	19 053	Estimated quantity of irrigation water applied	acre-feet	5 214 189	3 430 653
Proportion of farms	percent	32.1	30.0	Average per acre irrigated	acre-feet	1.3	1.2
Total land irrigated	acres	3 957 232	2 846 367	Method of irrigation:			
Average per farm	acres	197.1	149.4	Furrows or ditches	farms	13 836	14 771
Irrigated farms by acres irrigated:					acres	2 416 779	2 092 019
1 to 9 acres	farms	207	142	Flooding	farms	3 007	3 547
	acres	1 031	802		acres	292 470	276 790
10 to 49 acres	farms	2 311	2 661	Self-propelled sprinkler systems	farms	3 732	4 948
	acres	69 509	86 207		acres	822 995	500 253
50 to 99 acres	farms	4 164	5 303	Other sprinkler systems	farms	4 711	
	acres	302 182	385 130		acres	455 464	
100 to 199 acres	farms	6 611	6 548	Subirrigation	farms	264	119
	acres	920 705	913 100		acres	30 059	9 133
200 to 499 acres	farms	5 523	3 927	Land in irrigated farms	acres	18 083 599	14 694 674
	acres	1 633 893	1 101 097	Cropland	acres	8 987 399	7 697 727
500 to 999 acres	farms	1 058	405	Harvested cropland	acres	7 088 377	5 098 936
	acres	676 895	256 049				
1,000 acres and over	farms	201	67	Farms not irrigated in 1974 but irrigated between	farms	241	(X)
	acres	353 017	103 982	1970 and 1973	acres irrigated	14 127	(X)
Cropland irrigated	farms	20 030	19 036	Farms with artificial drainage	farms	1 881	3 556
	acres	3 935 285	2 831 803	Proportion of farms	percent	3.0	5.6
Harvested cropland irrigated	farms	19 906	18 957	Land in farms with drainage	acres	2 304 537	3 546 544
	acres	3 871 105	2 764 814	Land drained	acres	220 447	477 449
Cropland pasture irrigated	farms	950	1 277	Average per farm	acres	117.2	134.3
	acres	52 581	43 632	Land drained by systems installed in census year	farms	259	236
Other cropland irrigated	farms	231	579		acres	12 933	19 424
	acres	11 599	23 357	Artificial ponds, pits, reservoirs, and earthen tanks	farms	14 594	(NA)
Improved pastureland and rangeland irrigated	farms	243	222		number	44 307	(NA)
	acres	21 947	14 564		acres	58 104	(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	49 865	53 103	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	259 487	95 230	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	46 812	45 821	Insects on hay crops	farms	5 056	1 299
	acres on which used	9 629 396	7 081 725		acres on which used	199 715	36 862
	\$1,000	207 117	74 453		\$1,000	890	124
Dry fertilizer	farms	32 525	34 762	Insects on other crops	farms	18 996	18 982
	tons	479 719	357 540		acres on which used	3 698 832	2 363 660
Farms by tons used:					\$1,000	17 619	6 484
1 to 49 tons		30 864	33 927	Nematodes in crops	farms	505	513
50 to 99 tons		1 216	645		acres on which used	46 997	48 614
100 to 199 tons		354	158		\$1,000	567	293
200 to 499 tons		81	30	Diseases in crops and orchards	farms	348	471
500 to 799 tons		6	1		acres on which used	66 189	50 751
800 to 999 tons		-			\$1,000	372	164
1,000 tons and over		4	1	Weeds or grass in crops	farms	24 250	27 411
Liquid fertilizer	farms	32 822	34 165		acres on which used	5 196 518	3 512 414
	tons	517 193	446 116		\$1,000	26 851	10 443
Farms by tons used:				Weeds or brush in pasture	farms	5 319	7 639
1 to 9 tons		17 293	20 082		acres on which used	421 651	387 004
10 to 49 tons		13 786	12 855		\$1,000	1 306	673
50 to 99 tons		1 333	992	Weeds on other land	farms	4 157	(NA)
100 to 199 tons		336	201		acres on which used	75 947	(NA)
200 to 499 tons		67	29		\$1,000	269	(NA)
500 tons and over		7	6	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	319	558
Lime	farms	839	2 227		acres on which used	18 158	34 190
	acres on which used	52 469	85 590		\$1,000	81	88
	tons	94 562	169 797	Insect control on livestock and poultry	farms	6 905	15 781
	\$1,000	558	822		\$1,000	976	1 388
Farms by tons used:				Other chemicals (see text)	farms	5 710	(NA)
1 to 49 tons		352	1 211		\$1,000	2 881	(NA)
50 to 99 tons		161	524				
100 to 199 tons		184	312				
200 to 499 tons		120	158				
500 to 999 tons		18	15				
1,000 tons and over		4	7				