

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	612	927	Estimated quantity of irrigation water applied	acre-feet	5 702	5 147
Proportion of farms	percent	1.3	1.9	Average per acre irrigated	acre-feet	0.7	0.5
Total land irrigated	acres	8 540	10 563	Method of irrigation:			
Average per farm	acres	14.0	11.3	Furrows or ditches	farms	48	46
Irrigated farms by acres irrigated:					acres	410	417
1 to 9 acres	farms	511	747	Flooding	farms	15	38
10 to 49 acres	acres	1 430	2 141	Self-propelled sprinkler systems	acres	410	904
50 to 99 acres	farms	77	140		farms	149	847
	acres	1 779	2 746	Other sprinkler systems	acres	2 766	9 241
100 to 199 acres	farms	10	21		farms	408	
	acres	674	1 312	Subirrigation	acres	4 964	
200 to 499 acres	farms	6	13		farms	2	1
	acres	822	1 649		acres	2	1
500 to 999 acres	farms	5	5	Land in irrigated farms	acres	156 383	281 453
	acres	1 313	1 815	Cropland	acres	96 340	151 497
1,000 acres and over	farms	1	1	Harvested cropland	acres	45 394	72 178
	acres	500	900	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	144	(X)
Cropland irrigated	farms	611	923		acres irrigated	1 942	(X)
Harvested cropland irrigated	farms	8 519	10 512	Farms with artificial drainage	farms	1 407	2 340
	acres	593	878	Proportion of farms	percent	2.9	5.0
Cropland pasture irrigated	farms	7 969	8 844	Land in farms with drainage	acres	575 391	778 939
	acres	22	46	Land drained	acres	176 822	230 208
Other cropland irrigated	farms	452	1 458	Average per farm	acres	125.7	98.3
	acres	11	28	Land drained by systems installed in census year	farms	304	203
Improved pastureland and rangeland irrigated	farms	98	210		acres	12 259	11 074
	acres	4	6	Artificial ponds, pits, reservoirs, and earthen tanks	farms	16 787	(NA)
	acres	21	51		number	56 230	(NA)
					acres	28 671	(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	41 847	43 158	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	93 187	45 765	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	41 096	39 994	Insects on hay crops	farms	1 015	861
	acres on which used	2 707 690	2 503 346		acres on which used	14 692	14 218
Dry fertilizer	farms	73 429	35 374		\$1,000	99	62
	tons	38 274	40 186	Insects on other crops	farms	9 206	12 288
Farms by tons used:		448 426	447 899		acres on which used	416 691	348 794
1 to 49 tons		36 685	38 835	Nematodes in crops	farms	4 507	1 847
50 to 99 tons		1 120	1 048		acres on which used	215	230
100 to 199 tons		357	246		\$1,000	8 032	12 125
200 to 499 tons		102	54	Diseases in crops and orchards	farms	422	412
500 to 799 tons		8	2		acres on which used	30 935	16 925
800 to 999 tons		—	—		\$1,000	375	153
1,000 tons and over		2	1	Weeds or grass in crops	farms	9 520	11 014
Liquid fertilizer	farms	6 082	6 907		acres on which used	1 288 758	886 385
	tons	47 588	47 567		\$1,000	10 248	4 368
Farms by tons used:				Weeds or brush in pasture	farms	605	1 754
1 to 9 tons		4 958	5 776		acres on which used	16 483	26 549
10 to 49 tons		987	1 012		\$1,000	75	91
50 to 99 tons		93	84	Weeds on other land	farms	1 135	(NA)
100 to 199 tons		29	28		acres on which used	8 060	(NA)
200 to 499 tons		15	7		\$1,000	55	(NA)
500 tons and over		—	—	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	1 220	1 792
Lime	farms	4 942	13 100		acres on which used	97 849	61 455
	acres on which used	223 829	369 381		\$1,000	561	255
	tons	423 664	710 866	Insect control on livestock and poultry	farms	3 501	10 725
	\$1,000	2 549	2 930		\$1,000	306	454
Farms by tons used:				Other chemicals (see text)	farms	4 678	(NA)
1 to 49 tons		2 585	8 737		\$1,000	903	(NA)
50 to 99 tons		1 088	2 507				
100 to 199 tons		754	1 294				
200 to 499 tons		419	488				
500 to 999 tons		73	60				
1,000 tons and over		23	14				