

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	755	447	Estimated quantity of irrigation water applied	acre-feet	52 059	18 634
Proportion of farms	percent	0.9	0.5	Average per acre irrigated	acre-feet	0.7	0.6
Total land irrigated	acres	77 112	33 162	Method of irrigation:			
Average per farm	acres	102.1	74.1	Furrows or ditches	farms	26	9
Irrigated farms by acres irrigated:					acres	2 544	732
1 to 9 acres	farms	185	104	Flooding	farms	55	26
	acres	575	393		acres	9 206	1 524
10 to 49 acres	farms	195	128	Self-propelled sprinkler systems	farms	289	413
	acres	5 004	3 349		acres	46 908	31 005
50 to 99 acres	farms	131	93	Other sprinkler systems	farms	425	
	acres	9 483	6 415		acres	18 073	
100 to 199 acres	farms	134	89	Subirrigation	farms	3	1
	acres	17 475	11 919		acres	847	1
200 to 499 acres	farms	89	30	Land in irrigated farms	acres	325 371	173 434
	acres	25 468	8 726	Cropland	acres	248 004	134 426
500 to 999 acres	farms	15	2	Harvested cropland	acres	206 477	98 597
	acres	9 533	(D)				
1,000 acres and over	farms	6	1	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	47	(X)
	acres	9 574	(D)		acres irrigated	1 886	(X)
Cropland irrigated	farms	755	446	Farms with artificial drainage	farms	23 469	37 862
	acres	77 097	33 131	Proportion of farms	percent	27.3	42.5
Harvested cropland irrigated	farms	746	439	Land in farms with drainage	acres	8 583 255	12 561 648
	acres	74 769	32 446	Land drained	acres	4 359 459	6 005 243
Cropland pasture irrigated	farms	10	21	Average per farm	acres	185.8	158.6
	acres	789	476	Land drained by systems installed in census year	farms	3 853	3 278
Other cropland irrigated	farms	21	12		acres	196 853	173 478
	acres	1 539	209	Artificial ponds, pits, reservoirs, and earthen tanks	farms	9 543	(NA)
Improved pastureland and rangeland irrigated	farms	1	2		number	19 284	(NA)
	acres	15	31		acres	11 872	(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	70 702	75 395	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	327 850	111 667	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	66 312	63 715	Insects on hay crops	farms	3 342	715
	acres on which used	10 154 920	7 613 443		acres on which used	105 358	18 182
Dry fertilizer	farms	254 999	83 761		\$1,000	579	82
	tons	60 633	62 758	Insects on other crops	farms	15 380	11 733
Farms by tons used:					acres on which used	2 352 702	1 108 935
1 to 49 tons		56 872	61 012	Nematodes in crops	farms	14 550	3 534
50 to 99 tons		2 742	1 322		acres on which used	321	283
100 to 199 tons		802	337		\$1,000	40 011	26 169
200 to 499 tons		202	79			247	100
500 to 799 tons		11	6	Diseases in crops and orchards	farms	690	781
800 to 999 tons		—	—		acres on which used	103 775	97 611
1,000 tons and over		4	2		\$1,000	846	462
Liquid fertilizer	farms	27 680	27 183	Weeds or grass in crops	farms	39 515	49 160
	tons	283 438	197 064		acres on which used	8 086 077	6 502 201
Farms by tons used:					\$1,000	49 803	20 451
1 to 9 tons		20 406	22 405	Weeds or brush in pasture	farms	1 566	2 722
10 to 49 tons		6 466	4 408		acres on which used	40 316	53 133
50 to 99 tons		547	262		\$1,000	125	103
100 to 199 tons		198	83	Weeds on other land	farms	3 315	(NA)
200 to 499 tons		57	21		acres on which used	47 535	(NA)
500 tons and over		6	4		\$1,000	213	(NA)
Lime	farms	2 450	3 985	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	521	1 074
	acres on which used	110 346	140 236		acres on which used	56 974	96 331
	tons	282 786	377 538		\$1,000	323	347
	\$1,000	1 647	1 567	Insect control on livestock and poultry	farms	7 892	18 605
Farms by tons used:					\$1,000	651	975
1 to 49 tons		930	1 628	Other chemicals (see text)	farms	9 274	(NA)
50 to 99 tons		643	1 216		\$1,000	3 867	(NA)
100 to 199 tons		510	733				
200 to 499 tons		290	344				
500 to 999 tons		62	46				
1,000 tons and over		15	18				