

Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

Farms With Sales of \$2,500 and Over			Farms With Sales of \$2,500 and Over		
	1974	1969		1974	1969
Farms irrigated in census year	1 448	1 426	Estimated quantity of irrigation water applied	1 826 929	1 687 823
Proportion of farms	89.4	89.9	Average per acre irrigated	2.5	2.4
Total land irrigated	736 926	713 297	Method of irrigation:		
Average per farm	508.9	500.2	Furrows or ditches	590	593
Irrigated farms by acres irrigated:			Flooding	189 435	171 836
1 to 9 acres	28	21	Self-propelled sprinkler systems	470 433	504 476
10 to 49 acres	152	102	Other sprinkler systems	33	190
50 to 99 acres	197	190	Subirrigation	10 895	32 416
100 to 199 acres	5 708	5 737		185	
200 to 499 acres	227	234		61 405	
500 to 999 acres	16 173	16 648		51	40
1,000 acres and over	293	328		9 589	12 467
	41 151	45 045	Land in irrigated farms	7 181 550	6 980 427
	364	345	Cropland	689 167	685 288
	108 167	106 015	Harvested cropland	523 121	497 095
	181	152			
	119 367	100 610	Farms not irrigated in 1974 but irrigated between		
	158	156	1970 and 1973	7	(X)
	446 208	439 140		390	(X)
Cropland irrigated	1 419	1 411	Farms with artificial drainage	164	305
Harvested cropland irrigated	589 254	593 251	Proportion of farms	10.1	19.2
Cropland pasture irrigated	1 373	1 366	Land in farms with drainage	465 556	582 735
Other cropland irrigated	517 141	495 069	Land drained	53 439	87 486
	439	545	Average per farm	325.8	286.8
	69 071	90 149	Land drained by systems installed in census year	9	9
	56	62		1 015	2 428
	3 042	8 033	Artificial ponds, pits, reservoirs, and earthen tanks	206	(NA)
Improved pastureland and rangeland irrigated	150	170		960	(NA)
	147 672	120 046		2 915	(NA)

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over			Farms With Sales of \$2,500 and Over		
	1974	1969		1974	1969
Total chemical costs, including fertilizer and lime	822	895	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	4 577	1 482	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	588	514	Insects on hay crops	362	369
acres on which used	123 276	69 773	acres on which used	63 311	63 351
Dry fertilizer	3 154	899	\$1,000	258	101
acres on which used	476	512			
Farms by tons used:	11 248	8 154	Insects on other crops	84	128
1 to 49 tons	423	479	acres on which used	29 122	25 765
50 to 99 tons	36	23	\$1,000	574	291
100 to 199 tons	11	7	acres on which used	3	11
200 to 499 tons	6	3	\$1,000	231	241
500 to 799 tons	—	—	acres on which used	14	10
800 to 999 tons	—	—			
1,000 tons and over	—	—	Diseases in crops and orchards	7	15
Liquid fertilizer	76	64	acres on which used	4 021	1 504
acres on which used	3 327	1 171	\$1,000	47	8
Farms by tons used:			acres on which used	147	126
1 to 9 tons	49	45	\$1,000	31 575	18 353
10 to 49 tons	20	13	acres on which used	213	48
50 to 99 tons	1	3			
100 to 199 tons	3	2	Weeds or brush in pasture	23	44
200 to 499 tons	2	1	acres on which used	2 632	4 505
500 tons and over	1	—	\$1,000	12	9
Lime	—	—	acres on which used	82	(NA)
acres on which used	—	—	\$1,000	4 099	(NA)
tons	—	—	acres on which used	14	(NA)
\$1,000	—	—			
Farms by tons used:			Chemicals for defoliation or for growth control of crops		
1 to 49 tons	—	—	or thinning of fruit	38	50
50 to 99 tons	—	—	acres on which used	10 716	13 014
100 to 199 tons	—	—	\$1,000	82	61
200 to 499 tons	—	—	acres on which used	130	300
500 to 999 tons	—	—	\$1,000	38	53
1,000 tons and over	—	—	acres on which used	84	(NA)
			\$1,000	170	(NA)
			Insect control on livestock and poultry	130	300
			acres on which used	38	53
			\$1,000	84	(NA)
			acres on which used	170	(NA)
			\$1,000		
			Other chemicals (see text)	84	(NA)
			acres on which used	170	(NA)
			\$1,000		