

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		3 975	3 904	Estimated quantity of irrigation water applied	acre-feet		1 888 398	1 787 043
Proportion of farms	percent		51.4	50.6	Average per acre irrigated	acre-feet		2.3	2.3
Total land irrigated	acres		810 754	763 537	Method of irrigation:				
Average per farm	acres		204.0	195.5	Furrows or ditches	farms		2 448	2 527
Irrigated farms by acres irrigated:						acres		478 131	468 842
1 to 9 acres	farms		225	180	Flooding	farms		1 404	1 526
	acres		1 069	962		acres		189 900	208 761
10 to 49 acres	farms		1 125	862	Self-propelled sprinkler systems	farms		284	507
	acres		31 336	24 122		acres		91 400	91 222
50 to 99 acres	farms		713	830	Other sprinkler systems	farms		570	
	acres		50 469	57 870		acres		58 481	
100 to 199 acres	farms		740	858	Subirrigation	farms		36	37
	acres		101 467	121 617		acres		6 551	3 200
200 to 499 acres	farms		777	834	Land in irrigated farms	acres		8 602 167	9 528 399
	acres		239 136	251 359	Cropland	acres		1 186 948	1 148 695
500 to 999 acres	farms		281	253	Harvested cropland	acres		753 344	685 768
	acres		191 901	165 397	Farms not irrigated in 1974 but irrigated between				
1,000 acres and over	farms		114	87	1970 and 1973	farms		61	(X)
	acres		195 376	142 210		acres irrigated		5 889	(X)
Cropland irrigated	farms		3 929	3 868	Farms with artificial drainage	farms		123	505
	acres		785 674	737 702	Proportion of farms	percent		1.6	6.5
Harvested cropland irrigated	farms		3 722	3 704	Land in farms with drainage	acres		341 768	1 343 233
	acres		693 570	621 600	Land drained	acres		34 314	111 791
Cropland pasture irrigated	farms		790	1 067	Average per farm	acres		279.0	221.4
	acres		57 822	73 008	Land drained by systems installed in census year	farms		9	15
Other cropland irrigated	farms		324	516		acres		921	3 049
	acres		34 282	43 094	Artificial ponds, pits, reservoirs, and earthen tanks	farms		2 303	(NA)
Improved pastureland and rangeland irrigated	farms		124	168		number		14 080	(NA)
	acres		25 080	25 835		acres		17 967	(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		3 588	4 422	Total chemical costs, including fertilizer and lime—Continued				
	\$1,000		19 527	9 927	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:				
Commercial fertilizer	farms		2 915	2 984	Insects on hay crops	farms		255	385
	acres on which used		574 975	522 201		acres on which used		29 745	31 534
Dry fertilizer	farms		15 812	7 160		\$1,000		147	130
	tons		2 260	2 645	Insects on other crops	farms		856	1 227
Farms by tons used:						acres on which used		228 553	215 956
1 to 49 tons			1 968	2 427		\$1,000		1 923	1 411
50 to 99 tons			176	152	Nematodes in crops	farms		71	148
100 to 199 tons			82	50		acres on which used		4 622	9 825
200 to 499 tons			31	13		\$1,000		63	89
500 to 799 tons			3	3	Diseases in crops and orchards	farms		51	146
800 to 999 tons			—	—		acres on which used		4 975	11 401
1,000 tons and over			—	—		\$1,000		37	75
Liquid fertilizer	farms		1 139	1 457	Weeds or grass in crops	farms		919	1 351
	tons		26 192	25 254		acres on which used		183 502	206 566
Farms by tons used:						\$1,000		1 040	729
1 to 9 tons			609	794	Weeds or brush in pasture	farms		29	92
10 to 49 tons			394	543		acres on which used		18 710	56 510
50 to 99 tons			85	95		\$1,000		52	93
100 to 199 tons			39	21	Weeds on other land	farms		188	(NA)
200 to 499 tons			12	3		acres on which used		7 499	(NA)
500 to 999 tons			—	—		\$1,000		50	(NA)
1,000 tons and over			—	—	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms		60	111
Lime	farms		—	—		acres on which used		7 659	8 596
	acres on which used		—	—		\$1,000		61	34
	tons		—	—	Insect control on livestock and poultry	farms		593	1 387
	\$1,000		—	—		\$1,000		178	188
Farms by tons used:					Other chemicals (see text)	farms		335	(NA)
1 to 49 tons			—	—		\$1,000		162	(NA)
50 to 99 tons			—	—					
100 to 199 tons			—	—					
200 to 499 tons			—	—					
500 to 999 tons			—	—					
1,000 tons and over			—	—					