

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 ----- farms..	3 695	4 810	Estimated quantity of irrigation water applied ----- acre-feet..	33 877	29 948
Proportion of farms ----- percent..	5.9	7.3	Average per acre irrigated ----- acre-feet..	0.7	0.5
Total land irrigated ----- acres..	49 241	57 417	Method of irrigation:		
Average per farm ----- acres..	13.3	11.9	Furrows or ditches ----- farms..	204	51
Irrigated farms by acres irrigated:			Furrows or ditches ----- acres..	3 965	4 092
1 to 9 acres ----- farms..	2 006	2 861	Flooding ----- farms..	13	25
10 to 49 acres ----- farms..	9 573	14 034	Flooding ----- acres..	164	283
50 to 99 acres ----- farms..	1 572	1 861	Self-propelled sprinkler systems ----- farms..	1 026	4 744
100 to 199 acres ----- farms..	29 300	31 866	Self-propelled sprinkler systems ----- acres..	13 706	52 074
200 to 499 acres ----- farms..	96	67	Other sprinkler systems ----- farms..	2 482	
500 to 999 acres ----- farms..	5 860	4 084	Other sprinkler systems ----- acres..	31 393	
1,000 acres and over ----- farms..	14	15	Subirrigation ----- farms..	25	9
1,000 acres and over ----- acres..	1 733	1 857	Subirrigation ----- acres..	404	1 030
200 to 499 acres ----- farms..	6	3	Land in irrigated farms ----- acres..	690 596	916 349
500 to 999 acres ----- farms..	1 638	926	Cropland ----- acres..	334 117	444 061
1,000 acres and over ----- farms..	-	2	Harvested cropland ----- acres..	242 675	271 680
1,000 acres and over ----- acres..	-	(D)	Farms not irrigated in 1974 but irrigated between		
Improved pastureland and rangeland irrigated ----- farms..	8	13	1970 and 1973 ----- farms..	943	(X)
Improved pastureland and rangeland irrigated ----- acres..	134	1 196	Improved pastureland and rangeland irrigated ----- acres..	12 010	(X)
Cropland irrigated ----- farms..	3 692	4 808	Farms with artificial drainage ----- farms..	7 784	13 956
Cropland irrigated ----- acres..	49 107	56 221	Proportion of farms ----- percent..	12.5	21.2
Harvested cropland irrigated ----- farms..	3 647	4 719	Land in farms with drainage ----- acres..	1 981 471	2 810 799
Harvested cropland irrigated ----- acres..	47 841	52 418	Land drained ----- acres..	853 723	1 172 669
Cropland pasture irrigated ----- farms..	45	71	Average per farm ----- acres..	109.7	84.0
Cropland pasture irrigated ----- acres..	548	2 965	Land drained by systems installed in census year ----- farms..	884	807
Other cropland irrigated ----- farms..	63	179	Other cropland irrigated ----- acres..	28 173	24 675
Other cropland irrigated ----- acres..	718	838	Artificial ponds, pits, reservoirs, and earthen tanks ----- farms..	10 953	(NA)
Improved pastureland and rangeland irrigated ----- farms..	8	13	Improved pastureland and rangeland irrigated ----- number..	26 348	(NA)
Improved pastureland and rangeland irrigated ----- acres..	134	1 196	Improved pastureland and rangeland irrigated ----- acres..	31 087	(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 ----- farms..	56 621	62 383	Total chemical costs, including fertilizer and lime ----- Continued		
Total chemical costs, including fertilizer and lime ----- \$1,000..	216 990	105 138	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer ----- farms..	55 983	60 589	Insects on hay crops ----- farms..	542	508
Commercial fertilizer ----- acres on which used..	3 298 875	2 796 312	Insects on hay crops ----- acres on which used..	7 127	7 653
Dry fertilizer ----- farms..	170 431	81 190	Dry fertilizer ----- \$1,000..	58	43
Dry fertilizer ----- tons..	53 528	60 202	Insects on other crops ----- farms..	20 490	34 818
Farms by tons used:			Insects on other crops ----- acres on which used..	1 040 893	828 331
1 to 49 tons ----- farms..	49 869	57 219	Insects on other crops ----- \$1,000..	17 311	9 045
50 to 99 tons ----- farms..	2 533	2 180	Nematodes in crops ----- farms..	8 945	12 990
100 to 199 tons ----- farms..	869	617	Nematodes in crops ----- acres on which used..	213 738	177 190
200 to 499 tons ----- farms..	237	170	Nematodes in crops ----- \$1,000..	3 764	2 516
500 to 999 tons ----- farms..	15	15	Diseases in crops and orchards ----- farms..	1 297	1 513
800 to 999 tons ----- farms..	3		Diseases in crops and orchards ----- acres on which used..	62 114	39 948
1,000 tons and over ----- farms..	2	1	Diseases in crops and orchards ----- \$1,000..	1 424	752
Liquid fertilizer ----- farms..	17 815	16 514	Weeds or grass in crops ----- farms..	15 430	17 080
Liquid fertilizer ----- tons..	214 664	151 997	Weeds or grass in crops ----- acres on which used..	1 444 234	927 432
Farms by tons used:			Weeds or grass in crops ----- \$1,000..	14 929	5 682
1 to 9 tons ----- farms..	13 142	12 771	Weeds or brush in pasture ----- farms..	539	987
10 to 49 tons ----- farms..	3 844	3 253	Weeds or brush in pasture ----- acres on which used..	10 975	15 663
50 to 99 tons ----- farms..	510	323	Weeds or brush in pasture ----- \$1,000..	48	54
100 to 199 tons ----- farms..	227	124	Weeds on other land ----- farms..	1 120	(NA)
200 to 499 tons ----- farms..	79	39	Weeds on other land ----- acres on which used..	9 266	(NA)
500 to 999 tons ----- farms..	13	4	Weeds on other land ----- \$1,000..	65	(NA)
1,000 tons and over ----- farms..	2	1	Chemicals for defoliation or for growth control of crops		
Lime ----- farms..	7 061	13 954	Chemicals for defoliation or for growth control of crops		
Lime ----- acres on which used..	344 141	412 988	or thinning of fruit ----- farms..	3 008	6 822
Lime ----- tons..	405 678	462 300	or thinning of fruit ----- acres on which used..	96 805	125 878
Lime ----- \$1,000..	4 759	3 770	or thinning of fruit ----- \$1,000..	1 127	1 194
Farms by tons used:			Insect control on livestock and poultry ----- farms..	2 512	7 351
1 to 49 tons ----- farms..	5 092	11 594	Insect control on livestock and poultry ----- \$1,000..	386	521
50 to 99 tons ----- farms..	990	1 473	Other chemicals (see text) ----- farms..	7 848	(NA)
100 to 199 tons ----- farms..	600	604	Other chemicals (see text) ----- \$1,000..	2 688	(NA)
200 to 499 tons ----- farms..	305	235			
500 to 999 tons ----- farms..	55	35			
1,000 tons and over ----- farms..	19	13			