

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	1 834	1 916	Estimated quantity of irrigation water applied	16 789	18 384
Proportion of farms	5.8	6.1	Average per acre irrigated	0.6	0.5
Total land irrigated	27 671	35 888	Method of irrigation:		
Average per farm	15.1	18.7	Furrows or ditches	105	19
Irrigated farms by acres irrigated:			Flooding	1 269	435
1 to 9 acres	1 098	1 215	Self-propelled sprinkler systems	448	113
10 to 49 acres	5 441	5 854	Other sprinkler systems	6 429	31 909
50 to 99 acres	660	600	Subirrigation	1 290	
100 to 199 acres	11 758	10 312		19 823	11
200 to 499 acres	39	44		5	3 473
500 to 999 acres	2 432	2 846	Land in irrigated farms	426 046	493 308
1,000 acres and over	26	28	Cropland	201 155	219 308
Cropland irrigated	3 386	3 679	Harvested cropland	131 299	133 012
Harvested cropland irrigated	7	21	Farms not irrigated in 1974 but irrigated between 1970 and 1973	337	(X)
Cropland pasture irrigated	1 818	1 862		5 439	(X)
Other cropland irrigated	26 850	34 389	Farms with artificial drainage	1 946	3 150
Improved pastureland and rangeland irrigated	17	46	Proportion of farms	6.1	10.1
	169	646	Land in farms with drainage	890 472	1 228 761
	23	77	Land drained	166 583	218 148
	404	515	Average per farm	85.6	69.3
			Land drained by systems installed in census year	355	292
				7 025	6 742
			Artificial ponds, pits, reservoirs, and earthen tanks	7 781	(NA)
				18 228	(NA)
				18 218	(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	27 806	28 553	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	97 652	47 720	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	27 150	26 521	Insects on hay crops	1 277	1 131
acres on which used	1 783 258	1 643 354	acres on which used	26 457	20 705
Dry fertilizer	75 914	36 098	\$1,000	172	79
tons	24 571	26 082	Insects on other crops	6 900	8 197
Farms by tons used:			acres on which used	461 019	272 144
1 to 49 tons	22 635	24 097	\$1,000	5 833	3 081
50 to 99 tons	1 261	1 353	farms	1 665	2 373
100 to 199 tons	482	465	acres on which used	58 488	59 273
200 to 499 tons	181	152	\$1,000	796	575
500 to 799 tons	9	11	Diseases in crops and orchards	755	866
800 to 999 tons	—	—	acres on which used	61 377	55 952
1,000 tons and over	3	4	\$1,000	1 586	1 329
Liquid fertilizer	7 268	5 286	farms	6 973	7 845
tons	111 415	61 732	acres on which used	719 156	503 588
Farms by tons used:			\$1,000	7 849	3 248
1 to 9 tons	5 103	3 952	Weeds or grass in pasture	1 262	2 929
10 to 49 tons	1 592	1 063	acres on which used	60 472	121 526
50 to 99 tons	340	169	\$1,000	214	294
100 to 199 tons	191	77	farms	862	(NA)
200 to 499 tons	37	23	acres on which used	8 780	(NA)
500 to 999 tons	5	2	\$1,000	51	(NA)
1,000 tons and over	—	—	Chemicals for defoliation or for growth control of crops or thinning of fruit	905	1 446
Lime	4 592	8 847	acres on which used	24 701	23 117
acres on which used	270 736	284 750	\$1,000	308	233
tons	354 420	398 148	farms	2 039	5 534
\$1,000	3 624	2 351	\$1,000	283	313
Farms by tons used:			farms	3 079	(NA)
1 to 49 tons	2 563	6 440	\$1,000	1 023	(NA)
50 to 99 tons	934	1 431	Insect control on livestock and poultry		
100 to 199 tons	684	690	Other chemicals (see text)		
200 to 499 tons	342	251			
500 to 999 tons	58	29			
1,000 tons and over	11	6			