

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	863	745	Estimated quantity of irrigation water applied	10 255	8 777
Proportion of farms	2.3	1.9	Average per acre irrigated	0.6	0.5
Total land irrigated	16 571	16 798	Method of irrigation:		
Average per farm	19.2	22.5	Furrows or ditches	28	5
Irrigated farms by acres irrigated:			Flooding	430	445
1 to 9 acres	531	387	Self-propelled sprinkler systems	52	5
10 to 49 acres	1 454	1 216	Other sprinkler systems	127	214
50 to 99 acres	5 469	5 641	Subirrigation	711	735
100 to 199 acres	56	68	Land in irrigated forms	13 803	16 136
200 to 499 acres	3 775	4 183	Cropland	2	4
500 to 999 acres	13	24	Harvested cropland	2	30
1,000 acres and over	1 620	2 853	Farms not irrigated in 1974 but irrigated between 1970 and 1973	150	(X)
Cropland irrigated	9	8		3 623	(X)
Harvested cropland irrigated	16 538	16 798	Farms with artificial drainage	5 534	6 632
Cropland pasture irrigated	855	733	Proportion of farms	14.7	17.4
Other cropland irrigated	16 294	16 531	Land in farms with drainage	1 381 929	1 504 222
Improved pastureland and rangeland irrigated	6	11	Land drained	219 378	236 545
	105	190	Average per farm	39.6	35.6
	10	17	Land drained by systems installed in census year	1 294	796
	139	77	Artificial ponds, pits, reservoirs, and earthen tanks	18 851	12 629
	2	-		7 563	(NA)
	33	-		14 408	(NA)
				9 991	(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	32 836	34 028	Total chemical costs, including fertilizer and lime—Continued		
	96 672	48 910	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	31 794	31 003	Insects on hay crops	4 884	5 020
Dry fertilizer	2 263 706	2 031 982	Insects on other crops	160 489	145 490
Liquid fertilizer	74 501	35 896	Nematodes in crops	868	486
Lime	29 793	30 886	Diseases in crops and orchards	7 716	5 814
Commercial fertilizer	439 112	421 042	Weeds or grass in crops	7 222	217 126
Farms by tons used:			Weeds or brush in pasture	5 351	3 050
1 to 49 tons	28 394	29 830	Weeds on other land	204	183
50 to 99 tons	1 074	799	Chemicals for defoliation or for growth control of crops or thinning of fruit	6 276	4 311
100 to 199 tons	263	196	Insect control on livestock and poultry	96	75
200 to 499 tons	60	58	Other chemicals (see text)	1 295	1 529
500 to 999 tons	-	2		66 860	70 901
1,000 tons and over	2	1		2 281	1 563
Liquid fertilizer	4 924	3 433		15 055	15 960
Farms by tons used:				960 852	723 545
1 to 9 tons	3 974	2 931		7 264	3 291
10 to 49 tons	848	453		354	694
50 to 99 tons	64	33		7 222	10 132
100 to 199 tons	23	12		44	32
200 to 499 tons	15	3		626	(NA)
500 tons and over	-	1		5 206	(NA)
Lime	8 927	13 301		51	(NA)
Farms by tons used:					
1 to 49 tons	300 349	336 516			
50 to 99 tons	486 142	544 871			
100 to 199 tons	4 461	3 654			
200 to 499 tons	5 766	9 890			
500 to 999 tons	1 838	2 255			
1,000 tons and over	937	918			
	342	216			
	38	18			
	6	4			