

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	4 387	5 246	Estimated quantity of irrigation water applied	1 335 529	1 226 214
Proportion of farms	14.0	15.5	Average per acre irrigated	1.4	1.2
Total land irrigated	941 477	999 856	Method of irrigation:		
Average per farm	214.6	190.5	Furrows or ditches	890	1 603
Irrigated farms by acres irrigated:			acres	145 421	216 468
1 to 9 acres	292	351	Flooding	3 312	3 696
10 to 49 acres	1 026	1 432	acres	745 762	748 507
50 to 99 acres	687	1 079	Self-propelled sprinkler systems	126	546
100 to 199 acres	19 045	29 750	acres	11 295	30 125
200 to 499 acres	750	959	Other sprinkler systems	396	
500 to 999 acres	53 782	67 950	acres	34 744	
1,000 acres and over	1 052	1 162	Subirrigation	63	78
acres	146 445	161 063	acres	11 875	11 949
acres	1 148	1 231	Land in irrigated farms	3 719 112	3 697 592
acres	345 779	374 641	Cropland	3 141 528	3 081 883
acres	369	384	Harvested cropland	2 829 894	2 833 522
acres	244 293	251 297	Farms not irrigated in 1974 but irrigated between		
acres	89	80	1970 and 1973	223	(X)
acres	131 107	113 723	acres irrigated	13 676	(X)
Cropland irrigated	4 371	5 232	Farms with artificial drainage	2 318	5 318
acres	939 089	996 761	Proportion of farms	7.4	15.7
Harvested cropland irrigated	4 334	5 192	Land in farms with drainage	2 024 513	3 457 062
acres	928 855	986 804	Land drained	1 392 051	2 579 521
Cropland pasture irrigated	77	132	acres	600.5	485.1
acres	6 474	6 537	Average per farm	242	243
Other cropland irrigated	45	61	Land drained by systems installed in census year	65 843	60 437
acres	3 760	3 420	acres		
Improved pastureland and rangeland irrigated	31	38	Artificial ponds, pits, reservoirs, and earthen tanks	11 090	(NA)
acres	2 388	3 095	number	42 833	(NA)
			acres	65 874	(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	21 577	26 458	Total chemical costs, including fertilizer and lime - Continued		
\$1,000	141 265	64 997	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	19 990	22 296	Insects on hay crops	345	408
acres on which used	4 074 132	3 750 723	acres on which used	20 735	18 671
Dry fertilizer	81 753	34 622	\$1,000	107	52
acres	17 234	22 056	Insects on other crops	4 062	7 481
tons	459 916	417 105	acres on which used	1 359 615	1 588 954
Farms by tons used:			\$1,000	16 628	8 570
1 to 49 tons	14 617	20 012	acres on which used	538	312
50 to 99 tons	1 655	1 393	acres on which used	102 337	27 987
100 to 199 tons	755	519	\$1,000	867	186
200 to 499 tons	196	123	Diseases in crops and orchards	390	450
500 to 799 tons	10	9	acres on which used	58 908	41 949
800 to 999 tons	1	1	\$1,000	917	306
1,000 tons and over	1	1	acres on which used	7 210	9 984
Liquid fertilizer	2 649	3 367	acres on which used	3 385 556	2 676 415
acres on which used	56 052	51 172	\$1,000	34 432	16 503
Farms by tons used:			Weeds or brush in pasture	1 138	1 380
1 to 9 tons	1 416	2 117	acres on which used	95 232	84 379
10 to 49 tons	934	1 014	\$1,000	311	158
50 to 99 tons	198	165	acres on which used	728	(NA)
100 to 199 tons	78	62	Weeds on other land	25 062	(NA)
200 to 499 tons	22	8	\$1,000	158	(NA)
500 tons and over	1	1	Chemicals for defoliation or for growth control of crops		
Lime	2 363	5 046	or thinning of fruit	2 322	4 052
acres on which used	169 892	227 719	acres on which used	539 093	601 089
tons	307 349	424 044	\$1,000	2 360	1 822
\$1,000	2 111	2 266	acres on which used	2 080	5 082
Farms by tons used:			acres on which used	400	435
1 to 49 tons	920	2 749	Other chemicals (see text)	2 062	(NA)
50 to 99 tons	554	1 105	\$1,000	1 221	(NA)
100 to 199 tons	435	674			
200 to 499 tons	364	427			
500 to 999 tons	65	72			
1,000 tons and over	25	19			