

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	19 856	24 751	Estimated quantity of irrigation water applied	10 097 244	10 185 689
Proportion of farms	18.7	20.4	Average per acre irrigated	1.5	1.5
Total land irrigated	6 544 117	6 824 130	Method of irrigation:		
Average per farm	329.6	275.7	Furrows or ditches	11 403	14 982
Irrigated farms by acres irrigated:			Flooding	4 189 037	4 685 983
1 to 9 acres	838	682	Self-propelled sprinkler systems	976 063	960 547
10 to 49 acres	3 758	3 354	Other sprinkler systems	1 582	7 520
50 to 99 acres	3 670	4 258	Subirrigation	484 002	1 183 790
100 to 199 acres	96 088	116 366		5 402	
200 to 499 acres	2 437	3 642		917 016	
500 to 999 acres	170 216	256 983		174	185
1,000 acres and over	3 417	4 967		51 168	34 265
	483 762	704 749	Land in irrigated farms	24 067 486	27 501 115
	5 355	7 481	Cropland	11 841 469	13 717 239
	1 731 326	2 380 472	Harvested cropland	8 112 240	8 621 256
	2 864	2 813			
	1 957 956	1 901 530	Farms not irrigated in 1974 but irrigated between		
	1 275	908	1970 and 1973	878	(X)
	2 101 011	1 460 676		62 132	(X)
Cropland irrigated	19 604	24 518	Farms with artificial drainage	2 711	6 767
Harvested cropland irrigated	6 452 165	6 722 592	Proportion of farms	2.6	5.6
Cropland pasture irrigated	18 989	23 705	Land in farms with drainage	2 425 868	6 043 827
Other cropland irrigated	6 117 521	6 127 946	Land drained	994 263	2 537 560
	2 091	3 932	Average per farm	366.8	375.0
	165 096	298 868	Land drained by systems installed in census year	323	444
	1 234	2 746		51 957	72 077
	169 548	295 778	Artificial ponds, pits, reservoirs, and earthen tanks	41 426	(NA)
Improved pastureland and rangeland irrigated	661	764		183 480	(NA)
	91 952	101 538		226 845	(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	70 978	88 997	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	362 438	185 532	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	62 169	68 159	Insects on hay crops	1 906	3 018
acres on which used	12 982 486	13 163 832	acres on which used	100 902	122 901
Dry fertilizer	274 423	128 029	\$1,000	479	386
tons	45 077	58 102	Insects on other crops	14 879	23 339
Farms by tons used:			acres on which used	4 389 246	4 283 453
1 to 49 tons	40 016	53 230	\$1,000	39 223	22 029
50 to 99 tons	3 101	3 224	Nematodes in crops	491	931
100 to 199 tons	1 355	1 180	acres on which used	61 003	85 191
200 to 499 tons	511	409	\$1,000	673	673
500 to 799 tons	60	45	Diseases in crops and orchards	1 660	2 266
800 to 999 tons	13		acres on which used	210 028	240 092
1,000 tons and over	21	14	\$1,000	2 905	2 416
Liquid fertilizer	20 613	25 473	Weeds or grass in crops	18 082	27 031
tons	567 532	542 765	acres on which used	5 688 869	5 257 438
Farms by tons used:			\$1,000	31 948	20 800
1 to 9 tons	9 127	12 062	Weeds or brush in pasture	5 645	10 693
10 to 49 tons	8 416	10 817	acres on which used	1 106 231	1 714 842
50 to 99 tons	1 957	1 851	\$1,000	3 124	2 712
100 to 199 tons	836	586	Weeds on other land	2 418	(NA)
200 to 499 tons	252	146	acres on which used	89 685	(NA)
500 tons and over	25	11	\$1,000	370	(NA)
Lime	1 200	4 063	Chemicals for defoliation or for growth control of crops		
acres on which used	91 247	300 489	or thinning of fruit	4 678	11 892
tons	97 686	347 234	acres on which used	706 657	1 404 341
\$1,000	800	2 008	\$1,000	3 095	3 518
Farms by tons used:			Insect control on livestock and poultry	8 579	25 086
1 to 49 tons	625	2 036	acres on which used	2 280	2 556
50 to 99 tons	283	1 053	\$1,000	2 280	2 556
100 to 199 tons	160	584	Other chemicals (see text)	6 963	(NA)
200 to 499 tons	109	306	acres on which used	3 117	(NA)
500 to 999 tons	19	61			
1,000 tons and over	4	23			