

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	202 133	213 162	Estimated quantity of irrigation water applied	84 513 257	80 541 065
Proportion of farms	11.9	12.3	Average per acre irrigated	2.1	2.1
Total land irrigated	40 500 136	38 195 536	Method of irrigation:		
Average per farm	200.4	179.2	Furrows or ditches	91 602	100 294
Irrigated farms by acres irrigated:			Flooding	18 991 900	19 151 891
1 to 9 acres	25 247	26 201	Self-propelled sprinkler systems	11 352 453	11 861 980
10 to 49 acres	107 097	115 923	Other sprinkler systems	20 430	83 248
50 to 99 acres	53 953	56 113	Subirrigation	3 662 192	7 195 572
100 to 199 acres	1 386 564	1 459 622		6 273 064	3 076
200 to 499 acres	33 171	37 630		4 126	595 725
500 to 999 acres	2 338 966	2 662 863	Land in irrigated farms	202 726 419	208 933 722
1,000 acres and over	36 722	41 173	Cropland	73 980 359	74 744 778
	5 106 716	5 752 776	Harvested cropland	54 950 192	49 650 226
	35 036	36 630			
	10 646 728	11 065 316	Farms not irrigated in 1974 but irrigated between		
	12 040	10 707	1970 and 1973	8 666	00
	8 102 203	7 182 668		348 359	00
	5 964	4 708	Farms with artificial drainage	225 818	339 998
	12 811 862	9 956 368	Proportion of farms	13.3	19.6
Cropland irrigated	199 672	211 263	Land in farms with drainage	97 795 838	137 018 704
Harvested cropland irrigated	38 740 481	36 384 240	Land drained	42 784 305	59 550 697
	193 518	204 320	Average per farm	189.5	175.2
	35 939 393	32 646 155	Land drained by systems installed in census year	31 143	24 372
	29 109	40 309		1 692 942	1 395 300
	2 218 581	2 772 330	Artificial ponds, pits, reservoirs, and earthen tanks	414 695	(NA)
	5 880	11 663		1 415 882	(NA)
	582 507	965 755		1 548 774	(NA)
Improved pastureland and rangeland irrigated	7 571	8 565			
	1 759 655	1 810 213			

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	1 362 559	1 467 423	Total chemical costs, including fertilizer and lime—Continued		
\$1,000	6 769 308	2 987 758	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	1 279 080	1 268 840	Insects on hay crops	82 291	49 911
acres on which used	184 642 504	155 549 815		3 919 886	2 180 223
\$1,000	5 028 120	2 106 881	Insects on other crops	22 802	8 628
Dry fertilizer	1 108 531	1 209 250			
tons	22 480 383	20 647 890	Nematodes in crops	336 406	403 484
Farms by tons used:				32 721 755	39 881 566
1 to 49 tons	1 015 284	1 134 815		572 947	296 971
50 to 99 tons	62 324	50 619		26 884	34 059
100 to 199 tons	21 912	16 948		1 754 282	1 267 101
200 to 499 tons	7 501	5 612		28 953	17 335
500 to 799 tons	840	812	Diseases in crops and orchards	36 759	45 669
800 to 999 tons	198			4 183 196	4 088 038
1,000 tons and over	472	444		83 808	54 803
Liquid fertilizer	435 451	425 709	Weeds or grass in crops	548 756	644 984
tons	6 853 486	5 561 161		110 792 607	84 913 547
Farms by tons used:				784 020	345 684
1 to 9 tons	273 493	286 893	Weeds or brush in pasture	44 122	78 056
10 to 49 tons	135 484	119 971		4 002 709	4 967 459
50 to 99 tons	17 480	13 040		12 677	9 679
100 to 199 tons	6 486	4 333	Weeds on other land	63 223	(NA)
200 to 499 tons	2 092	1 228		1 145 513	(NA)
500 tons and over	416	244		6 516	(NA)
Lime	144 553	262 122	Chemicals for defoliation or for growth control of crops		
acres on which used	8 239 896	10 099 463	or thinning of fruit	36 553	68 788
tons	14 916 535	18 650 044		5 174 206	5 780 991
\$1,000	104 475	92 500		34 383	23 096
Farms by tons used:			Insect control on livestock and poultry	131 994	352 047
1 to 49 tons	66 576	148 178		18 770	26 428
50 to 99 tons	32 613	59 026	Other chemicals (see text)	164 932	(NA)
100 to 199 tons	25 965	36 075		71 837	(NA)
200 to 499 tons	15 758	16 080			
500 to 999 tons	2 781	2 183			
1,000 tons and over	860	580			