

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	farms 1 300	farms 1 171	Estimated quantity of irrigation water applied	acre-feet 35 369	acre-feet 26 300
Proportion of farms	percent 4.0	percent 3.4	Average per acre irrigated	acre-feet 0.7	acre-feet 0.5
Total land irrigated	acres 53 546	acres 52 832	Method of irrigation:		
Average per farm	acres 41.2	acres 45.1	Furrows or ditches	farms 55	farms 17
Irrigated farms by acres irrigated:			Flooding	acres 3 289	acres 899
1 to 9 acres	farms 580	farms 426	Self-propelled sprinkler systems	farms 10	farms 7
10 to 49 acres	acres 1 769	acres 1 447	Other sprinkler systems	acres 176	acres 119
50 to 99 acres	farms 391	farms 408	Subirrigation	acres 5 862	acres 1 149
100 to 199 acres	acres 9 037	acres 9 657		farms 1 058	farms 51 656
200 to 499 acres	farms 168	farms 183		acres 44 002	acres 7
500 to 999 acres	acres 11 490	acres 12 299		farms 18	farms 219
1,000 acres and over	farms 105	farms 101		acres 664	acres 18
	acres 13 959	acres 13 240	Land in irrigated farms	acres 254 851	acres 212 402
Cropland irrigated	farms 53 374	farms 52 774	Cropland	acres 176 766	acres 161 022
Harvested cropland irrigated	farms 1 290	farms 1 161	Harvested cropland	acres 148 340	acres 131 151
Cropland pasture irrigated	acres 52 650	acres 52 242	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms 144	farms (X)
Other cropland irrigated	farms 7	farms 7	acres irrigated	acres 4 420	acres (X)
Improved pastureland and rangeland irrigated	farms 151	farms 45	Farms with artificial drainage	farms 6 878	farms 8 801
	farms 25	farms 26	Proportion of farms	percent 21.4	percent 25.5
	acres 573	acres 487	Land in farms with drainage	acres 2 261 368	acres 2 552 396
	farms 7	farms 7	Land drained	acres 561 116	acres 620 810
	acres 151	acres 45	Average per farm	acres 81.6	acres 70.5
	farms 25	farms 26	Land drained by systems installed in census year	farms 1 626	farms 1 461
	acres 573	acres 487		acres 40 212	acres 31 043
	farms 7	farms 4	Artificial ponds, pits, reservoirs, and earthen tanks	farms 9 345	farms (NA)
	acres 172	acres 58		number 18 725	number (NA)
				acres 12 241	acres (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	farms 26 665	farms 28 864	Total chemical costs, including fertilizer and lime—Continued		
	\$1,000 95 976	\$1,000 51 388	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:		
Commercial fertilizer	farms 25 724	farms 25 139	Insects on hay crops	farms 2 194	farms 3 377
acres on which used	\$1,000 2 106 645	\$1,000 1 712 442	acres on which used	acres 101 179	acres 125 171
Dry fertilizer	farms 23 353	farms 25 012		\$1,000 543	\$1,000 475
tons	402 717	373 849	Insects on other crops	farms 6 032	farms 6 081
Farms by tons used:			acres on which used	acres 455 010	acres 335 406
1 to 49 tons	21 883	23 738	Nematodes in crops	\$1,000 10 520	\$1,000 7 073
50 to 99 tons	953	804	acres on which used	farms 1 59	farms 193
100 to 199 tons	356	314		acres 6 972	acres 5 299
200 to 499 tons	144	140		\$1,000 172	\$1,000 147
500 to 799 tons	15	15	Diseases in crops and orchards	farms 1 655	farms 1 839
800 to 999 tons	2	1	acres on which used	acres 115 047	acres 113 279
1,000 tons and over	-	1		\$1,000 3 556	\$1,000 2 694
Liquid fertilizer	farms 4 234	farms 3 311	Weeds or grass in crops	farms 12 272	farms 13 749
tons	34 384	17 586	acres on which used	acres 996 338	acres 760 443
Farms by tons used:				\$1,000 7 909	\$1,000 4 423
1 to 9 tons	3 393	2 883	Weeds or brush in pasture	farms 140	farms 309
10 to 49 tons	718	379	acres on which used	acres 3 304	acres 5 380
50 to 99 tons	84	37		\$1,000 28	\$1,000 30
100 to 199 tons	32	11	Weeds on other land	farms 383	farms (NA)
200 to 499 tons	6	1	acres on which used	acres 3 448	acres (NA)
500 tons and over	1	-		\$1,000 40	\$1,000 (NA)
Lime	farms 5 651	farms 9 276	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms 582	farms 761
acres on which used	acres 180 234	acres 213 191	acres on which used	acres 35 768	acres 38 580
tons	347 220	439 408		\$1,000 436	\$1,000 217
	\$1,000 3 858	\$1,000 3 385	Insect control on livestock and poultry	farms 2 925	farms 8 264
Farms by tons used:			acres on which used	acres 275	acres 577
1 to 49 tons	3 364	6 199	Other chemicals (see text)	farms 3 342	farms (NA)
50 to 99 tons	1 251	2 023		\$1,000 1 023	\$1,000 (NA)
100 to 199 tons	749	857			
200 to 499 tons	252	177			
500 to 999 tons	28	16			
1,000 tons and over	7	3			