

Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Farms irrigated in census year	farms	132	98	Estimated quantity of irrigation water applied	acre-feet	2 844	2 185
Proportion of farms	percent	2.9	1.9	Average per acre irrigated	acre-feet	0.5	0.4
Total land irrigated	acres	5 711	5 353	Method of irrigation:			
Average per farm	acres	43.3	54.6	Furrows or ditches	farms	1	2
Irrigated farms by acres irrigated:					acres	40	164
1 to 9 acres	farms	61	50	Flooding	farms	1	1
10 to 49 acres	acres	177	154	Self-propelled sprinkler systems	acres	29	95
50 to 99 acres	farms	46	20	Other sprinkler systems	farms	1 589	5 188
100 to 199 acres	acres	1 025	504		acres	103	
200 to 499 acres	farms	11	14	Subirrigation	farms	4 046	
500 to 999 acres	acres	822	895		acres	80	
1,000 acres and over	farms	6	4	Land in irrigated farms	acres	42 808	58 731
	acres	857	525	Cropland	acres	19 043	37 645
200 to 499 acres	farms	7	7	Harvested cropland	acres	15 512	23 272
500 to 999 acres	acres	1 730	1 605	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	27	(X)
1,000 acres and over	farms	1	1		acres irrigated	2 073	(X)
	acres	1 100	1 670	Farms with artificial drainage	farms	521	812
Cropland irrigated	farms	132	98	Proportion of farms	percent	11.4	15.9
	acres	5 711	5 353	Land in farms with drainage	acres	214 481	315 370
Harvested cropland irrigated	farms	131	97	Land drained	acres	22 852	32 612
	acres	5 701	5 348	Average per farm	acres	43.9	40.1
Cropland pasture irrigated	farms	1	2	Land drained by systems installed in census year	farms	178	116
	acres	1	1		acres	2 685	2 222
Other cropland irrigated	farms	3	3	Artificial ponds, pits, reservoirs, and earthen tanks	farms	981	(NA)
	acres	10	3		number	1 768	(NA)
Improved pastureland and rangeland irrigated	farms	1	1		acres	1 257	(NA)
	acres	100	100				

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of \$2,500 and Over		1974	1969	Farms With Sales of \$2,500 and Over		1974	1969
Total chemical costs, including fertilizer and lime	farms	3 200	3 856	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	25 319	14 230	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	2 983	3 260	Insects on hay crops	farms	73	31
	acres on which used	260 852	275 401		acres on which used	2 966	990
Dry fertilizer	farms	18 780	10 306		\$1,000	22	4
	tons	2 707	3 272	Insects on other crops	farms	1 448	1 878
Farms by tons used:					acres on which used	156 909	157 185
1 to 49 tons	farms	1 896	2 254	Nematodes in crops	farms	27	18
50 to 99 tons	acres	514	706		acres on which used	1 009	901
100 to 199 tons	farms	205	247		\$1,000	14	7
200 to 499 tons	acres	82	61	Diseases in crops and orchards	farms	472	885
500 to 999 tons	farms	4	3		acres on which used	44 823	74 933
800 to 999 tons	acres	2	3	Weeds or grass in crops	farms	840	801
1,000 tons and over	farms	4	1		acres on which used	1 161	1 529
Liquid fertilizer	farms	59	102		\$1,000	1 015	501
	tons	997	4 400	Weeds or brush in pasture	farms	21	49
Farms by tons used:					acres on which used	763	840
1 to 9 tons	farms	43	68		\$1,000	8	5
10 to 49 tons	acres	10	23	Weeds on other land	farms	45	(NA)
50 to 99 tons	farms	5	3		acres on which used	1 404	(NA)
100 to 199 tons	acres	5	5		\$1,000	11	(NA)
200 to 499 tons	farms	1	2	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	353	740
500 tons and over	farms	1	1		acres on which used	37 363	65 047
Lime	farms	900	1 946	Insect control on livestock and poultry	farms	304	305
	acres on which used	46 103	92 493		\$1,000	252	707
	tons	49 792	87 372	Other chemicals (see text)	farms	95	78
	\$1,000	719	870		farms	407	(NA)
Farms by tons used:					\$1,000	217	(NA)
1 to 49 tons	farms	629	1 541				
50 to 99 tons	acres	146	263				
100 to 199 tons	farms	79	92				
200 to 499 tons	acres	38	43				
500 to 999 tons	farms	5	4				
1,000 tons and over	farms	3	3				