

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	56	96	Estimated quantity of irrigation water applied	acre-feet	927	1 868
Proportion of farms	percent	0.9	1.4	Average per acre irrigated	acre-feet	0.8	0.6
Total land irrigated	acres	1 139	3 101	Method of irrigation:			
Average per farm	acres	20.3	32.3	Furrows or ditches	farms	2	11
Irrigated farms by acres irrigated:					acres	30	105
1 to 9 acres	farms	29	45	Flooding	farms	1	1
	acres	79	161		acres	8	140
10 to 49 acres	farms	22	33	Self-propelled sprinkler systems	farms	8	84
	acres	564	689		acres	66	2 856
50 to 99 acres	farms	3	8	Other sprinkler systems	farms	48	-
	acres	192	518		acres	1 063	-
100 to 199 acres	farms	2	8	Subirrigation	farms	-	-
	acres	304	1 106		acres	-	-
200 to 499 acres	farms	-	2	Land in irrigated farms	acres	19 043	35 657
	acres	-	627	Cropland	acres	6 054	12 956
500 to 999 acres	farms	-	-	Harvested cropland	acres	3 542	7 918
	acres	-	(NA)	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	18	(X)
1,000 acres and over	farms	-	-		acres irrigated	232	(X)
	acres	-	-	Farms with artificial drainage	farms	599	1 031
Cropland irrigated	farms	56	95	Proportion of farms	percent	9.8	15.4
	acres	1 139	3 081	Land in farms with drainage	acres	272 720	478 912
Harvested cropland irrigated	farms	56	91	Land drained	acres	19 706	34 615
	acres	1 139	2 651	Average per farm	acres	32.9	33.6
Cropland pasture irrigated	farms	-	6	Land drained by systems installed in census year	farms	84	56
	acres	-	358		acres	861	1 183
Other cropland irrigated	farms	-	2	Artificial ponds, pits, reservoirs, and earthen tanks	farms	2 110	(NA)
	acres	-	72		number	6 145	(NA)
Improved pastureland and rangeland irrigated	farms	-	1		acres	2 658	(NA)
	acres	-	20				

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	4 400	5 436	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	7 736	4 814	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	4 175	4 200	Insects on hay crops	farms	291	227
	acres on which used	180 957	197 039		acres on which used	7 288	5 582
Dry fertilizer	farms	5 565	3 130		\$1,000	39	20
	tons	3 586	4 523	Insects on other crops	farms	534	512
Farms by tons used:					acres on which used	34 605	21 813
1 to 49 tons	farms	3 471	4 401		\$1,000	686	494
	tons	88	94	Nematodes in crops	farms	8	12
50 to 99 tons	farms	20	24		acres on which used	1 093	329
100 to 199 tons	farms	6	4		\$1,000	11	5
200 to 499 tons	farms	1	-	Diseases in crops and orchards	farms	134	164
500 to 999 tons	farms	1	-		acres on which used	12 098	15 551
800 to 999 tons	farms	-	-		\$1,000	489	425
1,000 tons and over	farms	-	-	Weeds or grass in crops	farms	1 048	1 202
Liquid fertilizer	farms	488	390		acres on which used	48 990	34 639
	tons	2 183	984		\$1,000	461	175
Farms by tons used:				Weeds or brush in pasture	farms	234	521
1 to 9 tons	farms	442	371		acres on which used	6 136	17 165
	tons	40	19		\$1,000	24	44
10 to 49 tons	farms	5	-	Weeds on other land	farms	134	(NA)
	tons	1	-		acres on which used	1 244	(NA)
50 to 99 tons	farms	-	-		\$1,000	6	(NA)
100 to 199 tons	farms	-	-	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	54	102
200 to 499 tons	farms	-	-		acres on which used	2 925	6 184
500 tons and over	farms	-	-		\$1,000	30	34
Lime	farms	713	1 965	Insect control on livestock and poultry	farms	418	1 378
	acres on which used	23 339	41 641		\$1,000	31	63
	tons	45 141	76 412	Other chemicals (see text)	farms	517	(NA)
	\$1,000	322	410		\$1,000	73	(NA)
Farms by tons used:							
1 to 49 tons	farms	415	1 555				
	tons	167	267				
50 to 99 tons	farms	87	102				
	tons	39	36				
100 to 199 tons	farms	5	4				
	tons	-	1				
200 to 499 tons	farms	-	-				
	tons	-	-				
500 to 999 tons	farms	-	-				
	tons	-	-				
1,000 tons and over	farms	-	1				
	tons	-	-				