

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	750	774	Estimated quantity of irrigation water applied	acre-feet	15 506	16 983
Proportion of farms	percent	23.5	21.1	Average per acre irrigated	acre-feet	0.9	0.9
Total land irrigated	acres	17 887	18 081	Method of irrigation:			
Average per farm	acres	23.8	23.3	Furrows or ditches	farms	45	68
Irrigated farms by acres irrigated:					acres	1 343	977
1 to 9 acres	farms	366	359	Flooding	farms	54	122
	acres	1 302	1 420		acres	2 755	4 419
10 to 49 acres	farms	304	341	Self-propelled sprinkler systems	farms	151	688
	acres	6 820	6 972		acres	2 997	13 211
50 to 99 acres	farms	52	51	Other sprinkler systems	farms	552	
	acres	3 693	3 330		acres	11 611	
100 to 199 acres	farms	20	14	Subirrigation	farms	8	10
	acres	2 543	1 955		acres	109	124
200 to 499 acres	farms	6	6	Land in irrigated farms	acres	91 536	94 177
	acres	1 248	1 542	Cropland	acres	30 316	30 184
500 to 999 acres	farms	1	2	Harvested cropland	acres	26 678	25 612
	acres	698	(D)	Farms not irrigated in 1974 but irrigated between			
1,000 acres and over	farms	1	(D)	1970 and 1973	farms	18	(X)
	acres	1 583	(D)		acres irrigated	301	(X)
Cropland irrigated	farms	750	774	Farms with artificial drainage	farms	430	720
	acres	17 886	18 081	Proportion of farms	percent	13.5	19.6
Harvested cropland irrigated	farms	749	769	Land in farms with drainage	acres	107 617	162 107
	acres	17 547	17 832	Land drained	acres	15 848	19 958
Cropland pasture irrigated	farms	9	7	Average per farm	acres	36.9	27.7
	acres	120	90	Land drained by systems installed in census year	farms	65	43
Other cropland irrigated	farms	13	22		acres	718	611
	acres	219	159	Artificial ponds, pits, reservoirs, and earthen tanks	farms	750	(NA)
Improved pastureland and rangeland irrigated	farms	1	-		number	1 878	(NA)
	acres	1	-		acres	3 400	(NA)

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	2 522	2 916	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	8 288	5 396	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	2 433	2 544	Insects on hay crops	farms	51	50
	acres on which used	118 963	122 231		acres on which used	3 293	1 171
Dry fertilizer	farms	5 587	3 290		\$1,000	22	6
	tons	2 189	2 481	Insects on other crops	farms	872	1 050
Farms by tons used:					acres on which used	34 878	34 575
1 to 49 tons	farms	2 047	2 340		\$1,000	1 034	889
	tons	101	93	Nematodes in crops	farms	55	82
50 to 99 tons	farms	23	34		acres on which used	1 791	953
100 to 199 tons	farms	14	10		\$1,000	180	51
200 to 499 tons	farms	3	3	Diseases in crops and orchards	farms	315	342
500 to 999 tons	farms	1	1		acres on which used	12 958	12 400
1,000 tons and over	farms	-	-		\$1,000	415	296
Liquid fertilizer	farms	364	330	Weeds or grass in crops	farms	982	1 129
	tons	2 733	2 519		acres on which used	40 134	35 252
Farms by tons used:					\$1,000	529	436
1 to 9 tons	farms	279	250	Weeds or brush in pasture	farms	16	30
	tons	73	74		acres on which used	277	736
10 to 49 tons	farms	11	5		\$1,000	2	2
50 to 99 tons	farms	1	1	Weeds on other land	farms	61	(NA)
100 to 199 tons	farms	-	-		acres on which used	663	(NA)
200 to 499 tons	farms	-	-		\$1,000	14	(NA)
500 tons and over	farms	-	-	Chemicals for defoliation or for growth control of crops			
Lime	farms	606	990	or thinning of fruit	farms	62	99
	acres on which used	15 612	20 520		acres on which used	2 393	3 287
	tons	23 979	32 738		\$1,000	33	35
	\$1,000	347	312	Insect control on livestock and poultry	farms	235	668
Farms by tons used:					\$1,000	39	53
1 to 49 tons	farms	446	802	Other chemicals (see text)	farms	321	(NA)
	tons	90	128		\$1,000	85	(NA)
50 to 99 tons	farms	58	49				
100 to 199 tons	farms	11	9				
200 to 499 tons	farms	1	1				
500 to 999 tons	farms	-	-				
1,000 tons and over	farms	-	-				