

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	1 679	3 878	Estimated quantity of irrigation water applied	acre-feet	5 740	8 305
Proportion of farms	percent	2.5	6.3	Average per acre irrigated	acre-feet	0.6	0.5
Total land irrigated	acres	9 635	18 370	Method of irrigation:			
Average per farm	acres	5.7	4.7	Furrows or ditches	farms	111	45
Irrigated farms by acres irrigated:					acres	597	265
1 to 9 acres	farms	1 458	3 523	Flooding	farms	14	29
10 to 49 acres	farms	5 104	11 513		acres	48	100
50 to 99 acres	farms	3 423	5 314	Self-propelled sprinkler systems	farms	547	3 797
	acres	8	20		acres	3 086	17 976
	acres	554	1 343	Other sprinkler systems	farms	1 014	
100 to 199 acres	farms	4	2		acres	5 919	
	acres	554	200	Subirrigation	farms	8	11
200 to 499 acres	farms	-	-		acres	46	30
	acres	-	-	Land in irrigated farms	acres	425 652	1 012 691
500 to 999 acres	farms	-	-	Cropland	acres	284 439	703 266
	acres	-	-	Harvested cropland	acres	128 888	248 482
1,000 acres and over	farms	-	-	Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	814	(X)
	acres	-	-		acres irrigated	4 510	(X)
Cropland irrigated	farms	1 679	3 878	Farms with artificial drainage	farms	2 339	4 025
	acres	9 609	18 368	Proportion of farms	percent	3.5	6.6
Harvested cropland irrigated	farms	1 666	3 845	Land in farms with drainage	acres	859 232	1 224 975
	acres	9 426	17 785	Land drained	acres	235 274	343 301
Cropland pasture irrigated	farms	16	27	Average per farm	acres	100.6	85.2
	acres	138	347	Land drained by systems installed in census year	farms	373	404
Other cropland irrigated	farms	13	85		acres	8 105	14 943
	acres	45	236	Artificial ponds, pits, reservoirs, and earthen tanks	farms	24 592	(NA)
Improved pastureland and rangeland irrigated	farms	1	1		number	87 689	(NA)
	acres	26	2		acres	42 305	(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	63 295	58 352	Total chemical costs, including fertilizer and lime—Continued			
	\$1,000	111 412	50 095	Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Commercial fertilizer	farms	62 705	55 445	Insects on hay crops	farms	2 899	2 351
	acres on which used	2 429 574	1 964 401		acres on which used	50 548	44 226
Dry fertilizer	farms	91 878	40 050		\$1,000	300	188
	tons	60 830	55 767	Insects on other crops	farms	18 345	23 950
Farms by tons used:					acres on which used	436 712	230 399
1 to 49 tons	farms	59 315	54 660		\$1,000	5 105	2 033
50 to 99 tons	farms	1 156	837	Nematodes in crops	farms	411	285
100 to 199 tons	farms	293	221		acres on which used	6 268	4 815
200 to 499 tons	farms	59	47		\$1,000	69	39
500 to 799 tons	farms	7	1	Diseases in crops and orchards	farms	337	502
800 to 999 tons	farms	-	-		acres on which used	11 571	9 366
1,000 tons and over	farms	-	1		\$1,000	242	116
Liquid fertilizer	farms	5 369	4 852	Weeds or grass in crops	farms	12 070	9 999
	tons	42 505	34 012		acres on which used	1 009 435	589 217
Farms by tons used:					\$1,000	8 897	2 772
1 to 9 tons	farms	4 361	4 037	Weeds or brush in pasture	farms	581	1 746
10 to 49 tons	farms	871	708		acres on which used	17 373	36 690
50 to 99 tons	farms	91	78		\$1,000	70	94
100 to 199 tons	farms	36	25	Weeds on other land	farms	1 660	(NA)
200 to 499 tons	farms	10	4		acres on which used	12 632	(NA)
500 tons and over	farms	-	-		\$1,000	83	(NA)
Lime	farms	7 713	16 948	Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	2 168	4 714
	acres on which used	288 110	421 941		acres on which used	22 713	28 975
	tons	624 110	929 246		\$1,000	279	429
	\$1,000	2 875	3 458	Insect control on livestock and poultry	farms	4 975	15 307
Farms by tons used:					\$1,000	364	674
1 to 49 tons	farms	4 114	10 745	Other chemicals (see text)	farms	8 213	(NA)
50 to 99 tons	farms	1 611	3 513		\$1,000	1 249	(NA)
100 to 199 tons	farms	1 194	1 966				
200 to 499 tons	farms	670	632				
500 to 999 tons	farms	96	79				
1,000 tons and over	farms	28	13				