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

Farms With Sales of $2,500 and Over		1974	1969
Farms irrigated in census year	farms	1 052	1 034
Proportion of farms	percent	1.4	1.3
Total land irrigated	acres	126 924	100 413
Average per farm	acres	120.7	97.1
Irrigated farms by acres irrigated:			
1 to 9 acres	farms	283	234
	acres	949	963
10 to 49 acres	farms	358	394
	acres	8 532	9 340
50 to 99 acres	farms	122	152
	acres	8 161	10 318
100 to 199 acres	farms	124	129
	acres	17 007	17 414
200 to 499 acres	farms	104	89
	acres	32 560	26 469
500 to 999 acres	farms	48	27
	acres	32 320	17 662
1,000 acres and over	farms	13	9
	acres	27 395	18 247
Cropland irrigated	farms	1 052	1 033
	acres	126 924	100 328
Harvested cropland irrigated	farms	1 043	1 007
	acres	123 623	97 193
Cropland pasture irrigated	farms	12	35
	acres	102	560
Other cropland irrigated	farms	49	66
	acres	3 199	2 575
Improved postureland and rangeland irrigated	farms	–	2
	acres	–	85

Farms With Sales of $2,500 and Over		1974	1969
Estimated quantity of irrigation water applied	acre-feet	83 604	61 723
Average per acre irrigated	acre-feet	0.7	0.6
Method of irrigation:			
Furrows or ditches	farms	40	106
	acres	5 105	2 490
Flooding	Farms	55	90
	acres	2 169	4 199
Self-propelled sprinkler systems	farms	290	904
	acres	69 794	95 020
Other sprinkler systems	farms	815	
	acres	52 901	
Subirrigation	farms	2	6
	acres	55	674
Land in irrigated farms	acres	480 701	464 312
Cropland	acres	287 452	259 488
Harvested cropland	acres	240 917	200 740
Farms not irrigated in 1974 but irrigated between 1970 and 1973	farms	54	(X)
	acres irrigated	2 112	(X)
Farms with artificial drainage	farms	10 572	12 944
Proportion of farms	percent	14.1	16.8
Land in farms with drainage	acres	2 763 288	3 042 658
Land drained	acres	794 661	866 432
Average per farm	acres	75.2	67.0
Land drained by systems installed in census year	farms	1 670	1 096
	acres	46 138	37 003
Artificial ponds, pits, reservoirs, and earthen tanks	farms	6 645	(NA)
	number	12 232	(NA)
	acres	19 852	(NA)

Table 13. Agricultural Chemicals Used: 1974 and 1969

Farms With Sales of $2,500 and Over		1974	1969
Total chemical costs, including fertilizer and lime	farms	65 115	67 376
	$1,000	159 896	66 414
Commercial fertilizer	farms	62 891	58 570
	acres on which used	4 877 281	3 724 254
	$1,000	124 820	48 843
Dry fertilizer	farms	57 904	58 400
	tons	659 210	529 838
Farms by tons used:			
1 to 49 tons		56 290	57 416
50 to 99 tons		1 163	699
100 to 199 tons		323	200
200 to 499 tons		105	68
500 to 799 tons		17	13
800 to 999 tons		3	
1,000 tons and over		3	4
Liquid fertilizer	farms	13 094	12 288
	tons	101 593	76 754
Farms by tons used:			
1 to 9 tons		10 740	10 559
10 to 49 tons		2 106	1 553
50 to 99 tons		156	123
100 to 199 tons		59	34
200 to 499 tons		24	16
500 tons and over		9	3
Lime	farms	8 564	10 842
	acres on which used	300 960	267 864
	tons	654 621	576 329
	$1,000	4 098	2 448
Farms by tons used:			
1 to 49 tons		4 731	7 262
50 to 99 tons		1 911	2 167
100 to 199 tons		1 251	979
200 to 499 tons		567	370
500 to 999 tons		74	49
1,000 tons and over		30	15

Farms With Sales of $2,500 and Over		1974	1969
Total chemical costs, including fertilizer and lime—Continued			
Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds:			
Insects on hay crops	farms	3 797	624
	acres on which used	156 037	18 564
	$1,000	870	82
Insects on other crops	farms	16 202	11 451
	acres on which used	1 367 476	769 906
	$1,000	9 005	3 438
Nematodes in crops	farms	375	251
	acres on which used	32 423	12 045
	$1,000	166	58
Diseases in crops and orchards	farms	820	1 136
	acres on which used	68 085	69 928
	$1,000	1 141	772
Weeds or grass in crops	farms	31 080	37 558
	acres on which used	2 397 174	1 955 864
	$1,000	16 574	9 258
Weeds or brush in pasture	farms	1 099	2 343
	acres on which used	22 796	40 696
	$1,000	103	88
Weeds on other land	farms	1 266	(NA)
	acres on which used	9 337	(NA)
	$1,000	79	(NA)
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	596	927
	acres on which used	33 058	38 143
	$1,000	269	156
Insect control on livestock and poultry	farms	10 200	23 950
	$1,000	744	1 032
Other chemicals (see text)	farms	11 990	(NA)
	$1,000	2 028	(NA)