

**Table 14. Petroleum Products Expenses: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Petroleum products ----- farms...	2 794	(X)	2 699	2 372
Average per farm ----- \$1,000... dollars...	(X)	12 556	15 144	9 065
Average per farm ----- dollars...	(X)	4 494	5 611	3 822
Gasoline and gasohol ----- farms...	2 601	(X)	2 511	2 349
Average per farm ----- \$1,000... dollars...	(X)	5 872	7 728	4 966
Average per farm ----- dollars...	(X)	2 258	3 078	2 114
Farms with expenses of--				
\$1 to \$499 ----- farms...	953	211	1 030	806
\$500 to \$999 ----- farms...	399	266	326	343
\$1,000 to \$1,999 ----- farms...	448	587	286	439
\$2,000 to \$4,999 ----- farms...	509	1 578	412	513
\$5,000 to \$9,999 ----- farms...	177	1 144	280	179
\$10,000 to \$24,999 ----- farms...	99	1 360	177	69
\$25,000 or more ----- farms...	16	726		
Diesel fuel ----- farms...	1 664	(X)	1 575	1 345
Average per farm ----- \$1,000... dollars...	(X)	4 511	5 194	2 567
Average per farm ----- dollars...	(X)	2 711	3 298	1 909
Farms with expenses of--				
\$1 to \$499 ----- farms...	643	115	598	586
\$500 to \$999 ----- farms...	294	193	208	208
\$1,000 to \$1,999 ----- farms...	249	317	247	238
\$2,000 to \$4,999 ----- farms...	240	722	281	205
\$5,000 to \$9,999 ----- farms...	140	957	160	66
\$10,000 to \$24,999 ----- farms...	73	1 024	101	42
\$25,000 or more ----- farms...	25	1 181		
Natural gas ----- farms...	68	(X)	40	22
Average per farm ----- \$1,000... dollars...	(X)	693	56	39
Average per farm ----- dollars...	(X)	10 191	1 409	1 773
Farms with expenses of--				
\$1 to \$99 ----- farms...	2	(D)	18	1
\$100 to \$499 ----- farms...	31	(D)	13	3
\$500 to \$999 ----- farms...	5	3	3	5
\$1,000 to \$1,999 ----- farms...	12	13	3	9
\$2,000 to \$4,999 ----- farms...	13	38	-	2
\$5,000 to \$9,999 ----- farms...	3	(D)	3	2
\$10,000 or more ----- farms...	2	(D)		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	2 124	(X)	(NA)	(NA)
Average per farm ----- \$1,000... dollars...	(X)	1 480	2 166	1 493
Average per farm ----- dollars...	(X)	697	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 ----- farms...	643	30	(NA)	(NA)
\$100 to \$499 ----- farms...	983	192	(NA)	(NA)
\$500 to \$999 ----- farms...	285	194	(NA)	(NA)
\$1,000 to \$1,999 ----- farms...	161	200	(NA)	(NA)
\$2,000 to \$4,999 ----- farms...	98	271	(NA)	(NA)
\$5,000 to \$9,999 ----- farms...	37	232	(NA)	(NA)
\$10,000 or more ----- farms...	17	362	(NA)	(NA)

**Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	1987	1982	1978	Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used ----- farms...	1 280	1 041	1 267	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	806	858	858	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used...	172 574	180 960	169 999	Insects on hay and other crops ----- farms...	513	354	600
\$1,000... dollars...	5 562	5 587	4 794	acres on which used...	121 499	81 476	154 654
Lime ----- farms...	-	-	-	Nematodes in crops ----- farms...	16	23	13
acres on which used...	-	-	-	acres on which used...	2 203	9 680	2 216
tons...	-	-	-	Diseases in crops and orchards ----- farms...	45	27	51
Farms by tons used:				acres on which used...	7 625	3 147	10 239
1 to 49 tons ----- farms...	-	-	-	Weeds, grass, or brush in crops and pasture ----- farms...	525	394	332
50 to 99 tons ----- farms...	-	-	-	acres on which used...	99 709	79 317	94 285
100 to 199 tons ----- farms...	-	-	-	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	40	45	89
200 to 499 tons ----- farms...	-	-	-	acres on which used...	12 862	16 607	28 760
500 to 999 tons ----- farms...	-	-	-				
1,000 tons or more ----- farms...	-	-	-				
Agricultural chemicals <sup>1</sup> ----- farms...	995	579	891				
\$1,000... dollars...	3 940	2 814	2 377				

<sup>1</sup>Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.