

**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...	16 325	(X)	18 517	17 229
Average per farm ----- \$1,000...	(X)	12 787	15 800	10 466
Average per farm ----- dollars...	(X)	783	853	607
Gasoline and gasohol ----- farms...	13 086	(X)	16 384	15 825
Average per farm ----- \$1,000...	(X)	6 499	8 278	6 153
Average per farm ----- dollars...	(X)	497	505	389
Farms with expenses of--				
\$1 to \$499 -----	9 383	1 597	12 286	12 430
\$500 to \$999 -----	1 937	1 252	2 400	2 120
\$1,000 to \$1,999 -----	1 192	1 492	936	860
\$2,000 to \$4,999 -----	514	1 437	586	352
\$5,000 to \$9,999 -----	80	381	134	47
\$10,000 to \$24,999 -----	18	(D)		
\$25,000 or more -----	2	(D)	42	16
Diesel fuel ----- farms...	9 477	(X)	8 679	6 512
Average per farm ----- \$1,000...	(X)	3 830	4 170	1 916
Average per farm ----- dollars...	(X)	404	480	294
Farms with expenses of--				
\$1 to \$499 -----	7 688	1 240	6 813	5 668
\$500 to \$999 -----	991	850	1 079	465
\$1,000 to \$1,999 -----	469	597	376	229
\$2,000 to \$4,999 -----	254	691	301	125
\$5,000 to \$9,999 -----	57	345	79	22
\$10,000 to \$24,999 -----	15	196		
\$25,000 or more -----	3	111	31	3
Natural gas ----- farms...	428	(X)	685	718
Average per farm ----- \$1,000...	(X)	558	691	566
Average per farm ----- dollars...	(X)	1 304	1 009	788
Farms with expenses of--				
\$1 to \$99 -----	61	3	189	266
\$100 to \$499 -----	226	52	330	356
\$500 to \$999 -----	88	45	92	52
\$1,000 to \$1,999 -----	33	43	36	14
\$2,000 to \$4,999 -----	15	44	24	17
\$5,000 to \$9,999 -----	15	100		
\$10,000 or more -----	10	273	14	13
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	8 726	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	1 901	2 660	1 831
Average per farm ----- dollars...	(X)	218	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	5 568	236	(NA)	(NA)
\$100 to \$499 -----	2 592	470	(NA)	(NA)
\$500 to \$999 -----	319	202	(NA)	(NA)
\$1,000 to \$1,999 -----	113	139	(NA)	(NA)
\$2,000 to \$4,999 -----	77	247	(NA)	(NA)
\$5,000 to \$9,999 -----	36	258	(NA)	(NA)
\$10,000 or more -----	21	348	(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...	10 838	10 481	11 925	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	9 631	9 021	10 818	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used...	335 575	278 314	302 438	insects on hay and other			
\$1,000...	10 779	10 226	9 184	crops ----- farms...	1 707	1 573	1 940
Lime ----- farms...	3 255	3 385	4 051	acres on which used...	64 005	67 831	52 026
acres on which used...	67 494	59 470	80 470	Nematodes in crops ----- farms...	169	189	251
tons...	134 409	112 617	160 434	acres on which used...	11 940	10 048	8 392
Farms by tons used:				Diseases in crops and			
1 to 49 tons -----	2 427	2 852	3 249	orchards ----- farms...	580	593	683
50 to 99 tons -----	497	310	486	acres on which used...	16 111	21 615	25 569
100 to 199 tons -----	253	158	206	Weeds, grass, or brush in			
200 to 499 tons -----	67	54	87	crops and pasture ----- farms...	3 289	3 579	4 629
500 to 999 tons -----	7	9	20	acres on which used...	128 734	126 918	108 381
1,000 tons or more -----	4	2	3	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	294	526	443
Agricultural chemicals <sup>1</sup> ----- farms...	5 728	4 999	7 938	acres on which used...	10 843	16 019	12 933
\$1,000...	5 346	5 024	4 521				

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