

**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...	13 189	(X)	13 857	12 635
Average per farm ----- \$1,000...	(X)	29 726	35 676	22 427
----- dollars...	(X)	2 254	2 575	1 775
Gasoline and gasohol ----- farms...	11 359	(X)	12 848	12 164
Average per farm ----- \$1,000...	(X)	13 833	17 809	12 823
----- dollars...	(X)	1 218	1 386	1 054
Farms with expenses of--				
\$1 to \$499 -----	5 229	1 026	6 221	6 142
\$500 to \$999 -----	2 273	1 517	2 148	2 355
\$1,000 to \$1,999 -----	1 762	2 334	1 832	1 783
\$2,000 to \$4,999 -----	1 617	4 558	1 778	1 522
\$5,000 to \$9,999 -----	337	2 194	648	273
\$10,000 to \$24,999 -----	129	1 678	221	89
\$25,000 or more -----	12	528		
Diesel fuel ----- farms...	8 446	(X)	8 233	7 484
Average per farm ----- \$1,000...	(X)	11 290	12 449	6 044
----- dollars...	(X)	1 337	1 512	808
Farms with expenses of--				
\$1 to \$499 -----	4 209	774	3 996	4 580
\$500 to \$999 -----	1 511	988	1 333	1 284
\$1,000 to \$1,999 -----	1 122	1 438	1 278	874
\$2,000 to \$4,999 -----	1 105	3 280	937	589
\$5,000 to \$9,999 -----	339	2 186	492	110
\$10,000 to \$24,999 -----	139	1 782	197	47
\$25,000 or more -----	21	842		
Natural gas ----- farms...	707	(X)	832	630
Average per farm ----- \$1,000...	(X)	1 272	1 416	757
----- dollars...	(X)	1 799	1 701	1 202
Farms with expenses of--				
\$1 to \$99 -----	85	4	90	94
\$100 to \$499 -----	212	52	326	316
\$500 to \$999 -----	211	139	202	120
\$1,000 to \$1,999 -----	106	137	102	37
\$2,000 to \$4,999 -----	66	199	69	42
\$5,000 to \$9,999 -----	13	85	43	21
\$10,000 or more -----	14	656		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	8 963	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	3 331	4 003	2 803
----- dollars...	(X)	372	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	3 895	179	(NA)	(NA)
\$100 to \$499 -----	3 622	773	(NA)	(NA)
\$500 to \$999 -----	779	494	(NA)	(NA)
\$1,000 to \$1,999 -----	383	478	(NA)	(NA)
\$2,000 to \$4,999 -----	213	595	(NA)	(NA)
\$5,000 to \$9,999 -----	41	257	(NA)	(NA)
\$10,000 or more -----	30	556	(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...	9 056	7 568	8 316	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	6 324	5 763	6 357	Sprays, dusts, granules, fumigants, etc., to control --			
acres on which used... \$1,000...	552 903	470 332	507 043	Insects on hay and other crops ----- farms...	4 075	2 913	3 741
Lime ----- farms...	-	-	1	acres on which used... farms...	284 299	187 018	270 094
acres on which used... tons...	-	-	(D)	Nematodes in crops ----- farms...	85	113	248
Farms by tons used:			(D)	acres on which used... Diseases in crops and orchards ----- farms...	4 901	4 741	8 067
1 to 49 tons -----	-	-	1	acres on which used... Weeds, grass, or brush in crops and pasture ----- farms...	558	448	699
50 to 99 tons -----	-	-	-	acres on which used... farms...	21 048	9 172	20 371
100 to 199 tons -----	-	-	-	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	4 655	3 583	3 371
200 to 499 tons -----	-	-	-	acres on which used... farms...	360 811	292 418	279 381
500 to 999 tons -----	-	-	-	Agricultural chemicals <sup>1</sup> ----- farms...	265	260	223
1,000 tons or more -----	-	-	-	\$1,000...	9 314	11 300	13 497
Agricultural chemicals <sup>1</sup> ----- farms...	7 760	5 414	6 287				
\$1,000...	8 604	5 302	4 624				

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