

**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...	23 109	(X)	23 454	23 457
Average per farm ----- \$1,000...	(X)	100 191	136 526	77 033
Average per farm ----- dollars...	(X)	4 336	5 821	3 284
Gasoline and gasohol ----- farms...	21 891	(X)	22 777	22 907
Average per farm ----- \$1,000...	(X)	48 439	65 881	40 974
Average per farm ----- dollars...	(X)	2 213	2 892	1 789
Farms with expenses of--				
\$1 to \$499 -----	5 570	1 234	6 400	6 424
\$500 to \$999 -----	3 264	2 186	2 544	3 707
\$1,000 to \$1,999 -----	4 456	6 032	3 106	5 113
\$2,000 to \$4,999 -----	6 151	18 724	6 163	6 166
\$5,000 to \$9,999 -----	1 913	12 057	3 350	1 271
\$10,000 to \$24,999 -----	494	6 436		
\$25,000 or more -----	43	1 771	1 214	226
Diesel fuel ----- farms...	16 249	(X)	15 950	16 046
Average per farm ----- \$1,000...	(X)	40 176	54 491	24 766
Average per farm ----- dollars...	(X)	2 472	3 416	1 543
Farms with expenses of--				
\$1 to \$499 -----	4 073	812	3 458	5 278
\$500 to \$999 -----	2 210	1 477	2 013	3 014
\$1,000 to \$1,999 -----	3 033	4 019	2 375	3 598
\$2,000 to \$4,999 -----	4 587	13 884	4 436	3 311
\$5,000 to \$9,999 -----	1 782	11 398	2 459	667
\$10,000 to \$24,999 -----	520	6 888		
\$25,000 or more -----	44	1 697	1 209	178
Natural gas ----- farms...	861	(X)	757	910
Average per farm ----- \$1,000...	(X)	1 479	1 075	700
Average per farm ----- dollars...	(X)	1 718	1 420	769
Farms with expenses of--				
\$1 to \$99 -----	56	3	53	92
\$100 to \$499 -----	217	54	245	512
\$500 to \$999 -----	222	146	200	195
\$1,000 to \$1,999 -----	204	251	156	63
\$2,000 to \$4,999 -----	111	313	73	31
\$5,000 to \$9,999 -----	27	186		
\$10,000 or more -----	24	526	30	17
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	19 057	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	10 097	15 079	10 592
Average per farm ----- dollars...	(X)	530	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	4 281	219	(NA)	(NA)
\$100 to \$499 -----	8 288	1 954	(NA)	(NA)
\$500 to \$999 -----	3 575	2 295	(NA)	(NA)
\$1,000 to \$1,999 -----	2 064	2 578	(NA)	(NA)
\$2,000 to \$4,999 -----	740	1 991	(NA)	(NA)
\$5,000 to \$9,999 -----	81	499	(NA)	(NA)
\$10,000 or more -----	28	561	(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...	17 252	14 473	16 566	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	12 271	10 984	12 652	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... \$1,000...	5 686 900	5 084 039	4 633 724	Insects on hay and other crops----- farms...	6 726	1 615	2 574
acres on which used... \$1,000...	79 449	79 823	64 950	acres on which used... farms...	2 119 654	477 659	864 608
Lime ----- farms...	-	-	1	Nematodes in crops ----- farms...	303	258	330
acres on which used... tons...	-	-	(D)	acres on which used... farms...	55 606	87 454	50 642
tons...	-	-	(D)	Diseases in crops and orchards----- farms...	836	867	730
Farms by tons used:				acres on which used... farms...	320 233	508 258	313 691
1 to 49 tons -----	-	-	1	Weeds, grass, or brush in crops and pasture ----- farms...	11 811	10 399	10 348
50 to 99 tons -----	-	-	-	acres on which used... farms...	6 004 359	5 455 847	4 767 774
100 to 199 tons -----	-	-	-	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...		337	211
200 to 499 tons -----	-	-	-	acres on which used... farms...	111 060	93 060	47 778
500 to 999 tons -----	-	-	-				
1,000 tons or more -----	-	-	-				
Agricultural chemicals <sup>1</sup> ----- farms...	15 217	11 505	13 024				
\$1,000...	64 461	43 347	27 945				

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