

**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..	22 259	(X)	24 542	24 105
Average per farm..... \$1,000..	(X)	83 022	118 529	67 230
..... dollars..	(X)	3 730	4 830	2 789
Gasoline and gasohol..... farms..	20 195	(X)	23 499	23 340
Average per farm..... \$1,000..	(X)	37 087	56 310	36 170
..... dollars..	(X)	1 836	2 396	1 550
Farms with expenses of--				
\$1 to \$499.....	7 452	1 480	8 258	8 349
\$500 to \$999.....	3 487	2 277	3 405	4 658
\$1,000 to \$1,999.....	3 538	4 644	3 307	4 732
\$2,000 to \$4,999.....	3 909	(D)	5 358	4 254
\$5,000 to \$9,999.....	1 275	(D)	2 073	1 005
\$10,000 to \$24,999.....	472	(D)		
\$25,000 or more.....	62	(D)	1 098	342
Diesel fuel..... farms..	15 582	(X)	16 124	16 140
Average per farm..... \$1,000..	(X)	37 328	50 244	23 390
..... dollars..	(X)	2 396	3 116	1 449
Farms with expenses of--				
\$1 to \$499.....	5 434	1 028	4 639	7 119
\$500 to \$999.....	2 432	1 576	2 454	2 919
\$1,000 to \$1,999.....	2 595	3 366	2 536	2 746
\$2,000 to \$4,999.....	2 984	8 930	3 507	2 350
\$5,000 to \$9,999.....	1 364	9 027	1 795	744
\$10,000 to \$24,999.....	642	8 801		
\$25,000 or more.....	111	4 600	1 193	262
Natural gas..... farms..	611	(X)	335	415
Average per farm..... \$1,000..	(X)	880	572	394
..... dollars..	(X)	1 440	1 706	949
Farms with expenses of--				
\$1 to \$99.....	141	6	54	114
\$100 to \$499.....	190	47	101	144
\$500 to \$999.....	78	47	54	34
\$1,000 to \$1,999.....	86	110	53	62
\$2,000 to \$4,999.....	81	235	40	50
\$5,000 to \$9,999.....	18	115	33	11
\$10,000 or more.....	17	320		
LP gas, fuel oil, kerosene, motor oil, grease, etc. .... farms..	16 915	(X)	(NA)	(NA)
Average per farm..... \$1,000..	(X)	7 727	11 403	7 276
..... dollars..	(X)	457	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99.....	5 261	250	(NA)	(NA)
\$100 to \$499.....	7 409	1 669	(NA)	(NA)
\$500 to \$999.....	2 233	1 468	(NA)	(NA)
\$1,000 to \$1,999.....	1 257	1 578	(NA)	(NA)
\$2,000 to \$4,999.....	624	1 716	(NA)	(NA)
\$5,000 to \$9,999.....	108	685	(NA)	(NA)
\$10,000 or more.....	23	361	(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..	16 749	16 284	18 019	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ..... farms..	13 109	13 935	15 507	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used..... \$1,000..	3 314 974	3 705 539	3 458 134	Insects on hay and other			
Lime..... farms..	18	-	-	crops..... farms..	5 815	4 700	6 390
acres on which used.....	364	-	-	acres on which used.....	1 049 980	909 087	1 004 564
tons.....	485	-	-	Nematodes in crops..... farms..	901	693	894
Farms by tons used:				acres on which used.....	137 818	90 768	82 674
1 to 49 tons.....	13	-	-	Diseases in crops and			
50 to 99 tons.....	5	-	-	orchards..... farms..	1 582	1 407	1 301
100 to 199 tons.....	-	-	-	acres on which used.....	285 955	251 881	205 204
200 to 499 tons.....	-	-	-	Weeds, grass, or brush in			
500 to 999 tons.....	-	-	-	crops and pasture..... farms..	11 505	10 746	10 714
1,000 tons or more.....	-	-	-	acres on which used.....	2 425 044	2 540 713	1 936 161
Agricultural chemicals <sup>1</sup> ..... farms..	14 634	12 664	14 431	Chemicals used for defoliation or for growth control of crops			
\$1,000.....	65 098	52 652	28 849	or thinning of fruit..... farms..	1 357	1 404	1 412
				acres on which used.....	215 271	181 870	135 535

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