

**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...	72 194	(X)	80 837	71 762
Average per farm ----- \$1,000...	(X)	332 156	449 759	252 664
Average per farm ----- dollars...	(X)	4 601	5 564	3 521
Gasoline and gasohol ----- farms...	61 628	(X)	73 712	67 545
Average per farm ----- \$1,000...	(X)	125 654	166 455	104 693
Average per farm ----- dollars...	(X)	2 039	2 258	1 550
Farms with expenses of --				
\$1 to \$499 .....	28 386	5 258	37 493	35 082
\$500 to \$999 .....	10 127	6 648	9 477	11 073
\$1,000 to \$1,999 .....	9 174	11 775	8 255	8 608
\$2,000 to \$4,999 .....	8 309	24 276	10 039	8 400
\$5,000 to \$9,999 .....	3 325	21 761	4 908	2 779
\$10,000 to \$24,999 .....	1 728	24 752		
\$25,000 or more .....	579	31 183	3 540	1 603
Diesel fuel ----- farms...	41 224	(X)	41 326	34 604
Average per farm ----- \$1,000...	(X)	137 643	184 669	85 293
Average per farm ----- dollars...	(X)	3 344	4 469	2 465
Farms with expenses of --				
\$1 to \$499 .....	18 681	3 313	18 766	18 963
\$500 to \$999 .....	6 532	4 176	5 763	4 856
\$1,000 to \$1,999 .....	5 155	6 523	4 865	3 732
\$2,000 to \$4,999 .....	5 273	15 498	5 201	4 024
\$5,000 to \$9,999 .....	2 636	17 414	2 859	1 826
\$10,000 to \$24,999 .....	1 984	28 858		
\$25,000 or more .....	963	62 063	3 872	1 803
Natural gas ----- farms...	3 319	(X)	3 853	3 926
Average per farm ----- \$1,000...	(X)	30 939	42 798	28 073
Average per farm ----- dollars...	(X)	9 322	11 108	6 641
Farms with expenses of --				
\$1 to \$99 .....	328	14	558	531
\$100 to \$499 .....	823	216	960	1 174
\$500 to \$999 .....	403	263	419	512
\$1,000 to \$1,999 .....	459	594	470	508
\$2,000 to \$4,999 .....	495	1 478	546	459
\$5,000 to \$9,999 .....	312	2 062		
\$10,000 or more .....	499	26 312	900	742
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	48 149	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	37 730	55 838	36 606
Average per farm ----- dollars...	(X)	784	(NA)	(NA)
Farms with expenses of --				
\$1 to \$99 .....	17 915	796	(NA)	(NA)
\$100 to \$499 .....	17 988	3 878	(NA)	(NA)
\$500 to \$999 .....	4 997	3 228	(NA)	(NA)
\$1,000 to \$1,999 .....	3 489	4 523	(NA)	(NA)
\$2,000 to \$4,999 .....	2 418	6 811	(NA)	(NA)
\$5,000 to \$9,999 .....	827	5 381	(NA)	(NA)
\$10,000 or more .....	515	13 012	(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...	57 579	51 435	52 746	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	44 683	41 909	42 857	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used...	6 373 998	7 224 931	7 390 126	Insects on hay and other			
\$1,000...	427 924	427 823	335 444	crops ----- farms...	32 959	30 460	24 706
Lime ----- farms...	1 668	1 588	2 176	acres on which used...	4 976 387	5 337 361	4 798 585
acres on which used...	73 436	84 929	126 621	Nematodes in crops ----- farms...	3 603	3 526	3 325
tons...	145 394	166 202	213 110	acres on which used...	341 600	435 661	496 600
Farms by tons used:				Diseases in crops and			
1 to 49 tons .....	1 016	1 022	1 457	orchards ----- farms...	17 446	15 280	17 553
50 to 99 tons .....	328	214	294	acres on which used...	1 501 549	1 593 497	1 641 643
100 to 199 tons .....	161	167	203	Weeds, grass, or brush in			
200 to 499 tons .....	109	107	130	crops and pasture ----- farms...	35 003	28 192	22 385
500 to 999 tons .....	41	35	55	acres on which used...	4 607 770	4 900 248	4 625 735
1,000 tons or more .....	13	43	37	Chemicals used for defoliation			
Agricultural chemicals <sup>1</sup> ----- farms...	52 614	43 142	46 449	or for growth control of crops			
\$1,000...	544 779	468 604	288 868	or thinning of fruit ----- farms...	6 173	5 483	5 461
				acres on which used...	1 283 292	1 491 841	1 508 896

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