

**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	36 036	(X)	42 065	42 879
farms	(X)	91 096	142 542	84 214
Average per farm	(X)	2 528	3 389	1 964
Gasoline and gasohol	31 690	(X)	39 633	41 018
farms	(X)	36 233	62 319	42 212
Average per farm	(X)	1 143	1 572	1 029
Farms with expenses of--				
\$1 to \$499	14 349	3 049	16 834	18 467
\$500 to \$999	6 734	4 542	6 169	9 186
\$1,000 to \$1,999	5 787	7 593	6 498	7 771
\$2,000 to \$4,999	3 738	10 668	7 423	4 698
\$5,000 to \$9,999	764	4 838	2 056	707
\$10,000 to \$24,999	278	3 886		
\$25,000 or more	40	1 658	653	189
Diesel fuel	22 532	(X)	23 527	21 365
farms	(X)	35 947	48 902	19 699
Average per farm	(X)	1 595	2 079	922
Farms with expenses of--				
\$1 to \$499	8 925	1 907	7 229	10 939
\$500 to \$999	4 056	2 763	4 376	4 743
\$1,000 to \$1,999	4 491	6 016	4 419	3 303
\$2,000 to \$4,999	3 574	10 474	5 090	1 881
\$5,000 to \$9,999	1 029	6 695	1 685	393
\$10,000 to \$24,999	397	5 477		
\$25,000 or more	60	2 615	728	106
Natural gas	1 347	(X)	1 287	1 504
farms	(X)	3 502	3 543	1 958
Average per farm	(X)	2 600	2 753	1 302
Farms with expenses of--				
\$1 to \$99	155	7	101	203
\$100 to \$499	442	113	457	664
\$500 to \$999	181	127	210	298
\$1,000 to \$1,999	227	299	214	169
\$2,000 to \$4,999	223	657	164	119
\$5,000 to \$9,999	58	385		
\$10,000 or more	61	1 914	141	51
LP gas, fuel oil, kerosene, motor oil, grease, etc.	27 403	(X)	(NA)	(NA)
farms	(X)	15 413	27 777	20 346
Average per farm	(X)	562	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99	9 103	447	(NA)	(NA)
\$100 to \$499	12 191	2 645	(NA)	(NA)
\$500 to \$999	3 083	1 978	(NA)	(NA)
\$1,000 to \$1,999	1 597	2 038	(NA)	(NA)
\$2,000 to \$4,999	982	2 747	(NA)	(NA)
\$5,000 to \$9,999	296	1 957	(NA)	(NA)
\$10,000 or more	151	3 601	(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	26 557	29 257	33 254	Any chemicals, fertilizer, or lime used—Con.			
farms				Sprays, dusts, granules, fumigants, etc., to control—			
Commercial fertilizer <sup>1</sup>	24 061	27 007	30 761	Insects on hay and other crops			
farms				farms	8 268	9 262	8 807
acres on which used	2 387 022	2 682 776	2 479 579	acres on which used	615 972	749 816	611 275
\$1,000	94 811	109 479	87 595	Nematodes in crops	909	1 089	1 032
Lime	8 621	10 152	9 631	farms	83 091	86 315	60 502
farms				Diseases in crops and orchards			
acres on which used	292 852	333 624	280 432	farms	3 842	4 358	4 532
tons	531 316	630 530	561 167	acres on which used	214 683	254 563	268 200
Farms by tons used:				Weeds, grass, or brush in crops and pasture			
1 to 49 tons	5 290	6 343	6 120	farms	16 876	18 483	19 347
50 to 99 tons	1 829	2 016	1 944	acres on which used	1 447 588	1 667 203	1 481 419
100 to 199 tons	989	1 230	1 076	Chemicals used for defoliation or for growth control of crops or thinning of fruit			
200 to 499 tons	443	459	428	farms	1 245	1 569	1 477
500 to 999 tons	55	81	47	acres on which used	76 380	93 955	76 095
1,000 tons or more	15	23	16				
Agricultural chemicals <sup>1</sup>	22 010	22 846	28 559				
farms							
\$1,000	60 635	56 139	40 490				

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