

**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...	88 054	(X)	100 888	101 167
Average per farm ----- \$1,000...	(X)	86 777	134 504	80 659
Average per farm ----- dollars...	(X)	986	1 333	797
Gasoline and gasohol ----- farms...	70 153	(X)	88 809	91 256
Average per farm ----- \$1,000...	(X)	41 307	64 995	43 124
Average per farm ----- dollars...	(X)	589	732	473
Farms with expenses of—				
\$1 to \$499 -----	46 796	8 160	54 200	65 458
\$500 to \$999 -----	11 590	7 463	16 149	14 675
\$1,000 to \$1,999 -----	7 266	9 203	10 374	7 527
\$2,000 to \$4,999 -----	3 799	10 353	6 721	3 170
\$5,000 to \$9,999 -----	537	3 305	1 032	363
\$10,000 to \$24,999 -----	143	1 950	333	63
\$25,000 or more -----	22	873		
Diesel fuel ----- farms...	54 291	(X)	56 029	46 676
Average per farm ----- \$1,000...	(X)	33 517	50 739	23 211
Average per farm ----- dollars...	(X)	617	906	497
Farms with expenses of—				
\$1 to \$499 -----	38 367	6 871	34 203	35 183
\$500 to \$999 -----	7 864	5 013	9 796	5 919
\$1,000 to \$1,999 -----	4 225	5 333	5 738	3 152
\$2,000 to \$4,999 -----	2 900	8 321	4 431	1 986
\$5,000 to \$9,999 -----	712	4 732	1 252	347
\$10,000 to \$24,999 -----	209	2 770	609	89
\$25,000 or more -----	14	477		
Natural gas ----- farms...	1 843	(X)	1 903	1 514
Average per farm ----- \$1,000...	(X)	1 497	2 013	891
Average per farm ----- dollars...	(X)	812	1 058	589
Farms with expenses of—				
\$1 to \$99 -----	418	16	647	473
\$100 to \$499 -----	818	209	703	651
\$500 to \$999 -----	323	216	297	229
\$1,000 to \$1,999 -----	156	199	108	84
\$2,000 to \$4,999 -----	87	230	93	53
\$5,000 to \$9,999 -----	26	185	55	24
\$10,000 or more -----	15	443		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	50 295	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	10 456	16 757	13 433
Average per farm ----- dollars...	(X)	208	(NA)	(NA)
Farms with expenses of—				
\$1 to \$99 -----	27 564	1 181	(NA)	(NA)
\$100 to \$499 -----	17 906	3 531	(NA)	(NA)
\$500 to \$999 -----	3 078	1 946	(NA)	(NA)
\$1,000 to \$1,999 -----	1 174	1 446	(NA)	(NA)
\$2,000 to \$4,999 -----	473	1 300	(NA)	(NA)
\$5,000 to \$9,999 -----	70	(D)	(NA)	(NA)
\$10,000 or more -----	30	(D)	(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...	81 831	86 885	93 798	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	78 263	84 128	91 185	Sprays, dusts, granules, fumigants, etc., to control—			
acres on which used... \$1,000...	3 353 333	3 583 272	3 533 186	Insects on hay and other crops ----- farms...	33 978	31 991	32 388
Lime ----- farms...	21 123	24 336	23 972	acres on which used... Nematodes in crops ----- farms...	683 276	794 855	953 541
acres on which used... tons...	572 966	580 072	650 148	acres on which used... Diseases in crops and orchards ----- farms...	2 071	2 316	3 164
Farms by tons used:	1 227 948	1 195 724	1 438 079	acres on which used... Weeds, grass, or brush in crops and pasture ----- farms...	39 919	74 825	96 199
1 to 49 tons -----	14 343	17 726	15 878	acres on which used... Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	5 989	9 420	2 451
50 to 99 tons -----	3 226	3 361	4 005	acres on which used... or thinning of fruit ----- farms...	59 518	103 144	59 748
100 to 199 tons -----	2 243	1 955	2 430	acres on which used... 26 531	26 531	27 052	31 306
200 to 499 tons -----	1 055	1 089	1 367	acres on which used... 2 051 639	2 051 639	2 367 734	2 107 554
500 to 999 tons -----	209	144	224				
1,000 tons or more -----	47	61	68				
Agricultural chemicals <sup>1</sup> ----- farms...	59 874	48 332	63 030				
Average per farm ----- \$1,000...	53 459	57 066	41 957		5 310	7 058	8 231
				acres on which used...	68 909	127 118	100 768

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