

**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..	42 385	(X)	51 411	49 484
Average per farm ----- \$1,000..	(X)	64 281	98 762	60 344
----- dollars..	(X)	1 516	1 921	1 219
Gasoline and gasohol ----- farms..	34 445	(X)	45 583	45 390
Average per farm ----- \$1,000..	(X)	26 618	42 320	27 582
----- dollars..	(X)	773	928	607
Farms with expenses of--				
\$1 to \$499 .....	21 276	3 775	26 892	30 319
\$500 to \$999 .....	5 908	3 806	7 679	7 666
\$1,000 to \$1,999 .....	3 907	5 097	5 200	4 507
\$2,000 to \$4,999 .....	2 639	7 448	4 205	2 481
\$5,000 to \$9,999 .....	549	3 530	1 163	337
\$10,000 to \$24,999 .....	144	1 959	344	80
\$25,000 or more .....	22	1 003		
Diesel fuel ----- farms..	26 891	(X)	28 069	23 713
Average per farm ----- \$1,000..	(X)	22 439	31 091	13 761
----- dollars..	(X)	834	1 108	580
Farms with expenses of--				
\$1 to \$499 .....	17 854	3 218	16 865	17 477
\$500 to \$999 .....	3 820	2 467	4 406	2 786
\$1,000 to \$1,999 .....	2 416	3 180	2 891	1 801
\$2,000 to \$4,999 .....	1 914	5 606	2 431	1 304
\$5,000 to \$9,999 .....	657	4 340	1 028	266
\$10,000 to \$24,999 .....	208	2 679	448	79
\$25,000 or more .....	22	950		
Natural gas ----- farms..	1 014	(X)	639	708
Average per farm ----- \$1,000..	(X)	1 807	1 011	652
----- dollars..	(X)	1 782	1 582	921
Farms with expenses of--				
\$1 to \$99 .....	123	4	209	86
\$100 to \$499 .....	261	73	154	355
\$500 to \$999 .....	225	153	95	109
\$1,000 to \$1,999 .....	182	(D)	100	89
\$2,000 to \$4,999 .....	122	(D)	50	57
\$5,000 to \$9,999 .....	81	(D)	31	12
\$10,000 or more .....	20	(D)		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	25 522	(X)	(NA)	(NA)
Average per farm ----- \$1,000..	(X)	13 396	24 341	18 368
----- dollars..	(X)	525	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 .....	12 989	591	(NA)	(NA)
\$100 to \$499 .....	7 803	1 556	(NA)	(NA)
\$500 to \$999 .....	1 669	1 118	(NA)	(NA)
\$1,000 to \$1,999 .....	1 370	1 788	(NA)	(NA)
\$2,000 to \$4,999 .....	1 152	3 355	(NA)	(NA)
\$5,000 to \$9,999 .....	395	2 593	(NA)	(NA)
\$10,000 or more .....	144	2 395	(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..	35 105	38 851	42 363	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	32 186	36 819	40 082	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used..	2 032 835	2 226 798	2 236 392	Insects on hay and other			
\$1,000..	92 982	116 005	93 963	crops----- farms..	11 662	11 781	13 349
Lime ----- farms..	9 154	11 149	12 453	acres on which used..	678 486	731 928	668 559
acres on which used..	346 270	447 130	506 424	Nematodes in crops ----- farms..	3 141	3 802	5 325
tons..	501 586	614 829	684 288	acres on which used..	134 215	163 290	191 363
Farms by tons used:				Diseases in crops and			
1 to 49 tons .....	6 285	7 820	8 630	orchards----- farms..	3 921	4 311	2 682
50 to 99 tons .....	1 462	1 754	1 918	acres on which used..	135 909	143 271	132 632
100 to 199 tons .....	882	954	1 243	Weeds, grass, or brush in			
200 to 499 tons .....	436	510	571	crops and pasture ----- farms..	13 779	13 813	16 601
500 to 999 tons .....	79	81	68	acres on which used..	1 153 803	1 276 528	1 207 034
1,000 tons or more .....	10	30	23	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms..	1 658	2 152	2 536
Agricultural chemicals <sup>1</sup> ----- farms..	23 489	21 381	29 270	acres on which used..	55 322	87 325	70 273
\$1,000..	51 382	50 270	35 570				

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