

**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..	34 983	(X)	36 989	38 654
Average per farm ----- \$1,000..	(X)	144 494	214 464	118 281
Average per farm ----- dollars..	(X)	4 130	5 798	3 060
Gasoline and gasohol ----- farms..	31 784	(X)	35 217	37 515
Average per farm ----- \$1,000..	(X)	58 655	91 513	60 912
Average per farm ----- dollars..	(X)	1 845	2 599	1 624
Farms with expenses of--				
\$1 to \$499 .....	7 200	1 756	6 024	7 702
\$500 to \$999 .....	6 078	4 164	4 341	7 512
\$1,000 to \$1,999 .....	7 921	10 667	6 959	11 239
\$2,000 to \$4,999 .....	8 343	23 803	13 013	9 601
\$5,000 to \$9,999 .....	1 791	11 276	3 922	1 232
\$10,000 to \$24,999 .....	418	5 534	958	229
\$25,000 or more .....	33	1 455		
Diesel fuel ----- farms..	26 344	(X)	27 357	26 307
Average per farm ----- \$1,000..	(X)	66 444	89 470	39 707
Average per farm ----- dollars..	(X)	2 522	3 270	1 509
Farms with expenses of--				
\$1 to \$499 .....	4 175	1 062	3 499	6 809
\$500 to \$999 .....	4 821	3 367	3 588	6 723
\$1,000 to \$1,999 .....	6 008	8 237	5 478	6 560
\$2,000 to \$4,999 .....	7 866	23 529	9 282	5 025
\$5,000 to \$9,999 .....	2 689	17 545	3 958	946
\$10,000 to \$24,999 .....	689	8 984	1 552	244
\$25,000 or more .....	96	3 722		
Natural gas ----- farms..	1 126	(X)	553	619
Average per farm ----- \$1,000..	(X)	1 782	837	387
Average per farm ----- dollars..	(X)	1 583	1 513	625
Farms with expenses of--				
\$1 to \$99 .....	48	1	36	103
\$100 to \$499 .....	368	103	150	281
\$500 to \$999 .....	212	135	168	123
\$1,000 to \$1,999 .....	280	330	107	85
\$2,000 to \$4,999 .....	164	456	72	15
\$5,000 to \$9,999 .....	39	318	20	12
\$10,000 or more .....	15	438		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	30 475	(X)	(NA)	(NA)
Average per farm ----- \$1,000..	(X)	17 613	32 645	17 274
Average per farm ----- dollars..	(X)	578	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 .....	5 642	320	(NA)	(NA)
\$100 to \$499 .....	13 748	3 316	(NA)	(NA)
\$500 to \$999 .....	6 080	3 902	(NA)	(NA)
\$1,000 to \$1,999 .....	3 474	4 381	(NA)	(NA)
\$2,000 to \$4,999 .....	1 315	3 477	(NA)	(NA)
\$5,000 to \$9,999 .....	160	1 011	(NA)	(NA)
\$10,000 or more .....	56	1 206	(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..	26 707	24 404	28 348	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	21 429	19 288	21 236	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used..	6 901 886	5 701 718	5 127 866	Insects on hay and other			
\$1,000..	96 748	79 742	76 202	crops ----- farms..	7 237	6 798	7 646
Lime ----- farms..	108	108	258	acres on which used..	1 491 899	1 315 622	1 551 852
acres on which used..	18 021	11 713	30 233	Nematodes in crops ----- farms..	508	532	871
tons..	18 425	13 416	36 991	acres on which used..	76 683	74 975	149 848
Farms by tons used:				Diseases in crops and			
1 to 49 tons .....	42	46	108	orchards ----- farms..	243	175	362
50 to 99 tons .....	26	27	44	acres on which used..	36 911	45 326	59 825
100 to 199 tons .....	20	17	52	Weeds, grass, or brush in			
200 to 499 tons .....	12	13	48	crops and pasture ----- farms..	21 254	17 464	18 694
500 to 999 tons .....	5	5	3	acres on which used..	6 977 251	5 577 936	5 290 373
1,000 tons or more .....	3	--	3	Chemicals used for defoliation			
Agricultural chemicals <sup>1</sup> ----- farms..	24 704	20 180	24 984	or for growth control of crops	277	280	329
\$1,000..	77 926	53 836	38 042	or thinning of fruit ----- farms..	62 646	70 057	53 542
				acres on which used..			

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