

**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...	6 896	(X)	7 182	6 211
\$1,000... ----- \$1,000...	(X)	44 554	62 705	40 300
Average per farm ----- dollars...	(X)	6 461	8 731	6 488
Gasoline and gasohol ----- farms...	5 923	(X)	6 631	5 907
\$1,000... ----- \$1,000...	(X)	16 532	20 422	13 584
Average per farm ----- dollars...	(X)	2 791	3 080	2 300
Farms with expenses of--				
\$1 to \$499 -----	2 149	423	3 358	2 791
\$500 to \$999 -----	981	628	767	724
\$1,000 to \$1,999 -----	1 061	1 428	565	727
\$2,000 to \$4,999 -----	977	2 858	862	964
\$5,000 to \$9,999 -----	456	3 013	595	415
\$10,000 to \$24,999 -----	214	3 001		
\$25,000 or more -----	85	5 182	484	286
Diesel fuel ----- farms...	3 603	(X)	3 364	2 635
\$1,000... ----- \$1,000...	(X)	19 590	24 272	12 227
Average per farm ----- dollars...	(X)	5 437	7 215	4 640
Farms with expenses of--				
\$1 to \$499 -----	1 280	219	1 340	796
\$500 to \$999 -----	399	258	266	319
\$1,000 to \$1,999 -----	414	544	354	336
\$2,000 to \$4,999 -----	588	1 796	367	510
\$5,000 to \$9,999 -----	471	3 264	341	356
\$10,000 to \$24,999 -----	298	4 357		
\$25,000 or more -----	153	9 151	696	318
Natural gas ----- farms...	505	(X)	532	555
\$1,000... ----- \$1,000...	(X)	3 600	10 516	8 702
Average per farm ----- dollars...	(X)	7 128	19 767	15 679
Farms with expenses of--				
\$1 to \$99 -----	38	1	5	42
\$100 to \$499 -----	185	45	165	105
\$500 to \$999 -----	51	36	59	66
\$1,000 to \$1,999 -----	51	66	43	57
\$2,000 to \$4,999 -----	82	249	59	53
\$5,000 to \$9,999 -----	34	239		
\$10,000 or more -----	64	2 964	201	232
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	4 805	(X)	(NA)	(NA)
\$1,000... ----- \$1,000...	(X)	4 833	7 495	5 787
Average per farm ----- dollars...	(X)	1 006	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	1 297	61	(NA)	(NA)
\$100 to \$499 -----	1 772	417	(NA)	(NA)
\$500 to \$999 -----	639	427	(NA)	(NA)
\$1,000 to \$1,999 -----	549	710	(NA)	(NA)
\$2,000 to \$4,999 -----	339	1 003	(NA)	(NA)
\$5,000 to \$9,999 -----	157	1 008	(NA)	(NA)
\$10,000 or more -----	52	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...	3 771	3 298	3 634	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	3 075	3 000	3 003	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... -----	814 565	966 275	1 039 793	Insects on hay and other			
\$1,000... -----	51 672	60 308	44 972	crops ----- farms...	2 228	1 866	1 887
Lime ----- farms...	-	-	-	acres on which used...	677 844	788 261	768 585
acres on which used... -----	-	-	-	Nematodes in crops ----- farms...	202	150	220
tons... -----	-	-	-	acres on which used...	32 365	38 037	52 636
Farms by tons used:				Diseases in crops and			
1 to 49 tons -----	-	-	-	orchards ----- farms...	333	323	359
50 to 99 tons -----	-	-	-	acres on which used...	61 965	62 384	91 747
100 to 199 tons -----	-	-	-	Weeds, grass, or brush in			
200 to 499 tons -----	-	-	-	crops and pasture ----- farms...	1 770	1 502	1 591
500 to 999 tons -----	-	-	-	acres on which used...	538 181	536 834	633 707
1,000 tons or more -----	-	-	-	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	1 120	903	1 027
Agricultural chemicals <sup>1</sup> ----- farms...	3 253	2 346	2 934	acres on which used...	311 847	396 628	428 535
\$1,000... -----	60 366	60 000	46 256				

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