

**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...	1 964 062	(X)	2 221 443	2 238 864
Average per farm ----- \$1,000...	(X)	5 277 227	7 888 052	4 691 425
Average per farm ----- dollars...	(X)	2 687	3 551	2 095
Gasoline and gasohol ----- farms...	1 630 834	(X)	1 997 303	2 080 593
Average per farm ----- \$1,000...	(X)	1 965 289	2 987 134	2 054 818
Average per farm ----- dollars...	(X)	1 205	1 496	988
Farms with expenses of--				
\$1 to \$499 -----	748 737	151 006	885 448	1 029 866
\$500 to \$999 -----	318 118	212 341	323 121	416 379
\$1,000 to \$1,999 -----	282 875	372 635	317 664	357 084
\$2,000 to \$4,999 -----	217 112	614 830	343 413	230 203
\$5,000 to \$9,999 -----	47 254	301 318	95 669	38 587
\$10,000 to \$24,999 -----	14 347	193 041		
\$25,000 or more -----	2 391	120 118	31 788	10 454
Average per farm ----- \$1,000...	(X)	(X)	1 320 404	1 184 065
Average per farm ----- dollars...	(X)	2 260 987	3 150 081	1 469 392
Average per farm ----- dollars...	(X)	1 765	2 386	1 231
Farms with expenses of--				
\$1 to \$499 -----	564 343	109 963	500 656	597 222
\$500 to \$999 -----	208 723	139 512	203 826	218 662
\$1,000 to \$1,999 -----	191 994	256 292	189 062	178 632
\$2,000 to \$4,999 -----	205 469	610 606	244 809	146 390
\$5,000 to \$9,999 -----	77 391	508 060	110 635	37 921
\$10,000 to \$24,999 -----	28 255	385 815		
\$25,000 or more -----	4 838	250 738	61 416	15 238
Natural gas ----- farms...	81 746	(X)	72 179	76 629
Average per farm ----- \$1,000...	(X)	257 498	336 599	234 705
Average per farm ----- dollars...	(X)	3 150	4 663	3 063
Farms with expenses of--				
\$1 to \$99 -----	6 996	316	7 267	8 198
\$100 to \$499 -----	22 035	5 921	18 400	25 876
\$500 to \$999 -----	14 888	9 945	11 195	12 518
\$1,000 to \$1,999 -----	13 524	17 511	10 948	9 865
\$2,000 to \$4,999 -----	13 608	40 090	11 802	9 916
\$5,000 to \$9,999 -----	5 673	38 041		
\$10,000 or more -----	5 022	145 671	12 567	10 258
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	1 400 804	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	793 455	1 414 229	932 510
Average per farm ----- dollars...	(X)	568	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	480 713	22 831	(NA)	(NA)
\$100 to \$499 -----	555 818	124 143	(NA)	(NA)
\$500 to \$999 -----	170 385	111 154	(NA)	(NA)
\$1,000 to \$1,999 -----	106 729	137 124	(NA)	(NA)
\$2,000 to \$4,999 -----	66 781	188 127	(NA)	(NA)
\$5,000 to \$9,999 -----	14 903	95 333	(NA)	(NA)
\$10,000 or more -----	5 495	114 743	(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...	1 568 342	1 596 011	1 803 796	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	1 379 441	1 443 766	1 628 090	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... \$1,000...	211 072 699	224 635 378	226 347 510	insects on hay and other crops ----- farms...	554 240	529 595	584 007
Lime ----- farms...	264 234	269 960	338 447	acres on which used...	68 823 002	72 848 009	75 868 060
acres on which used... tons...	12 585 961	11 607 206	16 493 592	Nematodes in crops ----- farms...	65 714	76 878	103 835
acres on which used... tons...	23 503 799	19 966 509	28 490 969	acres on which used...	5 931 201	7 532 515	8 804 521
Farms by tons used:				Diseases in crops and orchards ----- farms...	129 247	127 677	129 026
1 to 49 tons -----	142 964	164 683	192 474	acres on which used...	10 487 053	11 685 466	11 414 860
50 to 99 tons -----	50 675	48 182	64 260	Weeds, grass, or brush in crops and pasture ----- farms...	913 914	871 967	959 557
100 to 199 tons -----	39 906	33 263	46 805	acres on which used...	171 287 964	176 671 096	164 617 114
200 to 499 tons -----	24 771	19 384	27 745	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	75 158	73 967	82 152
500 to 999 tons -----	4 621	3 324	5 283	acres on which used...	9 497 102	9 322 028	9 267 485
1,000 tons or more -----	1 297	1 124	1 900				
Agricultural chemicals <sup>1</sup> ----- farms...	1 262 680	1 125 436	1 439 040				
Average per farm ----- \$1,000...	4 690 243	4 282 213	2 889 503				

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