

**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...	30 605	(X)	35 790	30 775
Average per farm ----- \$1,000...	(X)	90 991	126 610	72 003
----- dollars...	(X)	2 973	3 538	2 340
Gasoline and gasohol ----- farms...	27 302	(X)	33 483	29 813
Average per farm ----- \$1,000...	(X)	40 388	56 718	36 966
----- dollars...	(X)	1 479	1 694	1 240
Farms with expenses of--				
\$1 to \$499 -----	13 369	2 415	17 813	15 272
\$500 to \$999 -----	4 510	2 964	4 137	4 829
\$1,000 to \$1,999 -----	3 459	4 575	3 628	4 424
\$2,000 to \$4,999 -----	4 194	12 413	4 922	3 969
\$5,000 to \$9,999 -----	1 244	8 154	2 009	988
\$10,000 to \$24,999 -----	444	5 977	974	331
\$25,000 or more -----	82	3 889		
Diesel fuel ----- farms...	18 190	(X)	19 304	16 069
Average per farm ----- \$1,000...	(X)	38 675	54 159	24 056
----- dollars...	(X)	2 126	2 806	1 497
Farms with expenses of--				
\$1 to \$499 -----	8 285	1 456	8 562	7 964
\$500 to \$999 -----	2 500	1 643	2 487	2 379
\$1,000 to \$1,999 -----	2 345	3 116	2 199	2 369
\$2,000 to \$4,999 -----	3 029	9 373	2 971	2 315
\$5,000 to \$9,999 -----	1 372	9 237	1 752	707
\$10,000 to \$24,999 -----	545	7 431	1 333	335
\$25,000 or more -----	134	6 420		
Natural gas ----- farms...	636	(X)	329	348
Average per farm ----- \$1,000...	(X)	2 377	2 659	2 077
----- dollars...	(X)	3 737	8 081	5 968
Farms with expenses of--				
\$1 to \$99 -----	87	4	79	66
\$100 to \$499 -----	167	42	104	106
\$500 to \$999 -----	136	86	29	41
\$1,000 to \$1,999 -----	105	151	15	54
\$2,000 to \$4,999 -----	77	240	41	18
\$5,000 to \$9,999 -----	17	122	61	63
\$10,000 or more -----	47	1 732		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	20 175	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	9 552	13 074	8 904
----- dollars...	(X)	473	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	7 990	359	(NA)	(NA)
\$100 to \$499 -----	7 896	1 762	(NA)	(NA)
\$500 to \$999 -----	2 155	1 418	(NA)	(NA)
\$1,000 to \$1,999 -----	1 297	1 683	(NA)	(NA)
\$2,000 to \$4,999 -----	652	1 776	(NA)	(NA)
\$5,000 to \$9,999 -----	124	801	(NA)	(NA)
\$10,000 or more -----	61	1 753	(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...	22 681	22 459	22 629	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	18 031	18 911	19 104	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... \$1,000...	3 893 955	4 482 028	4 534 210	Insects on hay and other crops ----- farms...			
Lime ----- farms...	1 546	1 459	1 344	acres on which used... farms...	9 486	8 827	7 522
acres on which used... tons...	49 707	41 942	51 251	Nematodes in crops ----- farms...	1 007 286	1 082 099	1 199 903
Farms by tons used:				acres on which used... farms...	122 068	82 156	70 286
1 to 49 tons -----	1 225	1 171	1 015	Diseases in crops and orchards ----- farms...	5 253	4 758	5 015
50 to 99 tons -----	179	167	175	acres on which used... farms...	418 882	431 312	341 506
100 to 199 tons -----	72	80	77	Weeds, grass, or brush in crops and pasture ----- farms...	14 365	13 550	12 158
200 to 499 tons -----	46	33	67	acres on which used... farms...	3 203 927	3 530 230	2 983 064
500 to 999 tons -----	17	7	7	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	3 595	3 799	3 083
1,000 tons or more -----	7	1	3	acres on which used...	242 479	234 982	164 980
Agricultural chemicals <sup>1</sup> ----- farms...	19 811	17 787	18 780				
\$1,000...	132 723	102 290	55 971				

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