

**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..	34 426	(X)	36 324	40 300
----- \$1,000..	(X)	176 838	253 781	139 682
Average per farm ----- dollars..	(X)	5 137	6 987	3 466
Gasoline and gasohol ----- farms..	31 956	(X)	35 180	39 405
----- \$1,000..	(X)	68 286	100 713	66 605
Average per farm ----- dollars..	(X)	2 137	2 863	1 690
Farms with expenses of—				
\$1 to \$499 -----	4 735	1 229	4 824	7 342
\$500 to \$999 -----	5 275	3 542	3 978	7 720
\$1,000 to \$1,999 -----	8 425	11 573	6 767	12 048
\$2,000 to \$4,999 -----	10 759	31 149	13 631	10 699
\$5,000 to \$9,999 -----	2 298	14 281	4 949	1 372
\$10,000 to \$24,999 -----	440	5 539	1 031	224
\$25,000 or more -----	24	973		
Diesel fuel ----- farms..	30 033	(X)	31 193	34 332
----- \$1,000..	(X)	89 463	120 501	55 915
Average per farm ----- dollars..	(X)	2 979	3 863	1 629
Farms with expenses of—				
\$1 to \$499 -----	4 158	1 121	3 291	7 660
\$500 to \$999 -----	4 219	2 975	3 332	8 099
\$1,000 to \$1,999 -----	5 823	7 997	5 542	9 276
\$2,000 to \$4,999 -----	10 156	30 891	10 579	7 597
\$5,000 to \$9,999 -----	4 506	29 413	6 042	1 413
\$10,000 to \$24,999 -----	1 100	14 292		
\$25,000 or more -----	71	2 775	2 407	287
Natural gas ----- farms..	1 009	(X)	438	499
----- \$1,000..	(X)	1 084	668	277
Average per farm ----- dollars..	(X)	1 074	1 525	555
Farms with expenses of—				
\$1 to \$99 -----	102	4	29	39
\$100 to \$499 -----	320	98	175	274
\$500 to \$999 -----	236	152	99	136
\$1,000 to \$1,999 -----	162	207	39	39
\$2,000 to \$4,999 -----	167	464	59	7
\$5,000 to \$9,999 -----	19	125		
\$10,000 or more -----	3	34	37	4
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	31 477	(X)	(NA)	(NA)
----- \$1,000..	(X)	18 006	31 900	16 884
Average per farm ----- dollars..	(X)	572	(NA)	(NA)
Farms with expenses of—				
\$1 to \$99 -----	4 189	240	(NA)	(NA)
\$100 to \$499 -----	15 430	3 840	(NA)	(NA)
\$500 to \$999 -----	6 727	4 393	(NA)	(NA)
\$1,000 to \$1,999 -----	3 592	4 465	(NA)	(NA)
\$2,000 to \$4,999 -----	1 345	3 526	(NA)	(NA)
\$5,000 to \$9,999 -----	147	906	(NA)	(NA)
\$10,000 or more -----	47	636	(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..	29 376	27 263	33 053	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	24 294	20 997	25 629	Sprays, dusts, granules, fumigants, etc., to control—			
acres on which used..	13 191 271	11 381 701	11 070 369	Insects on hay and other			
\$1,000..	178 957	159 111	150 712	crops ----- farms..	7 801	4 457	5 885
Lime ----- farms..	93	75	277	acres on which used..	2 181 646	1 489 287	2 077 605
acres on which used..	32 094	20 414	65 454	Nematodes in crops ----- farms..	328	337	767
tons..	62 201	38 010	131 416	acres on which used..	111 487	111 613	212 641
Farms by tons used:				Diseases in crops and			
1 to 49 tons -----	20	21	98	orchards ----- farms..	1 859	2 104	1 822
50 to 99 tons -----	7	1	16	acres on which used..	724 452	801 651	637 183
100 to 199 tons -----	8	2	27	Weeds, grass, or brush in			
200 to 499 tons -----	26	26	50	crops and pasture ----- farms..	24 641	22 432	25 081
500 to 999 tons -----	12	12	45	acres on which used..	12 711 065	12 242 293	10 917 968
1,000 tons or more -----	20	13	41	Chemicals used for defoliation			
Agricultural chemicals <sup>1</sup> ----- farms..	28 268	24 512	30 233	or for growth control of crops			
\$1,000..	143 598	116 882	70 412	or thinning of fruit ----- farms..	806	648	940
				acres on which used..	223 180	243 717	196 069

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