

**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..	45 946	(X)	50 087	51 280
Average per farm ----- \$1,000..	(X)	136 284	191 553	120 164
----- dollars..	(X)	2 966	3 824	2 343
Gasoline and gasohol ----- farms..	34 952	(X)	42 560	46 045
Average per farm ----- \$1,000..	(X)	40 155	55 077	41 463
----- dollars..	(X)	1 149	1 294	900
Farms with expenses of--				
\$1 to \$499 -----	17 874	3 535	21 777	27 050
\$500 to \$999 -----	6 520	4 259	7 425	8 163
\$1,000 to \$1,999 -----	5 044	6 397	5 459	5 294
\$2,000 to \$4,999 -----	3 883	11 062	5 370	4 124
\$5,000 to \$9,999 -----	1 157	7 316	1 788	1 139
\$10,000 to \$24,999 -----	422	5 445	741	275
\$25,000 or more -----	52	2 141		
Diesel fuel ----- farms..	31 251	(X)	30 460	27 156
Average per farm ----- \$1,000..	(X)	64 805	91 981	46 202
----- dollars..	(X)	2 074	3 020	1 701
Farms with expenses of--				
\$1 to \$499 -----	18 392	3 127	15 907	16 102
\$500 to \$999 -----	3 658	2 350	4 213	2 823
\$1,000 to \$1,999 -----	2 497	3 266	2 446	2 279
\$2,000 to \$4,999 -----	2 703	8 257	2 768	3 179
\$5,000 to \$9,999 -----	2 109	14 502	2 198	1 755
\$10,000 to \$24,999 -----	1 841	23 446	2 928	1 018
\$25,000 or more -----	251	9 857		
Natural gas ----- farms..	2 618	(X)	2 264	2 778
Average per farm ----- \$1,000..	(X)	7 856	6 202	4 487
----- dollars..	(X)	3 001	2 739	1 615
Farms with expenses of--				
\$1 to \$99 -----	155	6	108	246
\$100 to \$499 -----	479	127	400	842
\$500 to \$999 -----	325	210	242	392
\$1,000 to \$1,999 -----	388	509	507	638
\$2,000 to \$4,999 -----	849	2 532	698	513
\$5,000 to \$9,999 -----	291	1 910	309	147
\$10,000 or more -----	131	2 562		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	30 661	(X)	(NA)	(NA)
Average per farm ----- \$1,000..	(X)	23 468	38 292	28 013
----- dollars..	(X)	765	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	10 889	520	(NA)	(NA)
\$100 to \$499 -----	10 524	2 272	(NA)	(NA)
\$500 to \$999 -----	3 196	2 090	(NA)	(NA)
\$1,000 to \$1,999 -----	2 651	3 399	(NA)	(NA)
\$2,000 to \$4,999 -----	2 516	7 253	(NA)	(NA)
\$5,000 to \$9,999 -----	706	4 490	(NA)	(NA)
\$10,000 or more -----	179	3 444	(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..	29 570	26 976	36 225	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	25 269	24 392	31 798	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used ----- \$1,000..	4 649 832	4 978 438	5 239 237	Insects on hay and other crops ----- farms..	5 456	5 031	7 638
Lime ----- farms..	2 661	3 169	6 007	acres on which used -----	1 119 884	1 323 116	1 793 255
acres on which used ----- tons..	127 936	169 641	306 295	Nematodes in crops ----- farms..	489	627	1 719
-----	207 111	278 698	546 986	acres on which used -----	106 517	157 926	330 790
Farms by tons used:				Diseases in crops and orchards ----- farms..	2 638	1 543	2 119
1 to 49 tons -----	1 551	1 836	3 533	acres on which used -----	438 892	308 568	237 304
50 to 99 tons -----	504	610	1 106	Weeds, grass, or brush in crops and pasture ----- farms..	14 652	12 306	17 237
100 to 199 tons -----	376	384	700	acres on which used -----	4 377 135	4 921 898	4 919 101
200 to 499 tons -----	193	237	493	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms..	2 285	1 779	3 231
500 to 999 tons -----	27	83	122	acres on which used -----	496 873	408 445	592 855
1,000 tons or more -----	10	19	53				
Agricultural chemicals <sup>1</sup> ----- farms..	19 373	14 641	24 407				
\$1,000..	115 386	114 397	81 679				

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