

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.....	65 460	(X)	73 030	73 806
Average per farm ----- \$1,000.....	(X)	243 568	358 860	207 732
----- dollars.....	(X)	3 721	4 914	2 815
Gasoline and gasohol ----- farms.....	57 245	(X)	68 308	70 292
Average per farm ----- \$1,000.....	(X)	80 737	127 211	86 050
----- dollars.....	(X)	1 410	1 862	1 224
Farms with expenses of—				
\$1 to \$499 -----	20 147	4 622	20 073	24 666
\$500 to \$999 -----	11 825	7 952	11 763	16 376
\$1,000 to \$1,999 -----	12 264	16 257	13 856	16 470
\$2,000 to \$4,999 -----	10 453	29 274	17 109	10 902
\$5,000 to \$9,999 -----	1 998	12 615	4 282	1 501
\$10,000 to \$24,999 -----	492	6 584	1 225	377
\$25,000 or more -----	66	3 432		
Diesel fuel ----- farms.....	46 376	(X)	48 725	45 058
Average per farm ----- \$1,000.....	(X)	110 981	155 737	69 886
----- dollars.....	(X)	2 393	3 196	1 551
Farms with expenses of—				
\$1 to \$499 -----	11 766	2 730	9 341	15 087
\$500 to \$999 -----	8 258	5 590	7 345	9 840
\$1,000 to \$1,999 -----	8 947	12 058	8 986	9 470
\$2,000 to \$4,999 -----	11 254	33 865	13 336	8 254
\$5,000 to \$9,999 -----	4 625	29 978	6 542	1 713
\$10,000 to \$24,999 -----	1 325	17 775	3 175	694
\$25,000 or more -----	201	8 964		
Natural gas ----- farms.....	4 956	(X)	5 660	5 962
Average per farm ----- \$1,000.....	(X)	26 371	31 617	21 570
----- dollars.....	(X)	5 321	5 586	3 618
Farms with expenses of—				
\$1 to \$99 -----	218	12	271	427
\$100 to \$499 -----	890	256	1 036	1 665
\$500 to \$999 -----	660	443	773	603
\$1,000 to \$1,999 -----	778	1 026	739	812
\$2,000 to \$4,999 -----	998	3 063	1 135	1 198
\$5,000 to \$9,999 -----	672	4 714	1 706	1 257
\$10,000 or more -----	740	16 857		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms.....	52 549	(X)	(NA)	(NA)
Average per farm ----- \$1,000.....	(X)	25 478	44 295	30 226
----- dollars.....	(X)	485	(NA)	(NA)
Farms with expenses of—				
\$1 to \$99 -----	13 526	686	(NA)	(NA)
\$100 to \$499 -----	23 892	5 533	(NA)	(NA)
\$500 to \$999 -----	8 473	5 455	(NA)	(NA)
\$1,000 to \$1,999 -----	4 464	5 607	(NA)	(NA)
\$2,000 to \$4,999 -----	1 875	5 029	(NA)	(NA)
\$5,000 to \$9,999 -----	236	1 454	(NA)	(NA)
\$10,000 or more -----	83	1 715	(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.....	54 482	53 833	59 096	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer ¹ ----- farms.....	47 731	49 644	54 046	Sprays, dusts, granules, fumigants, etc., to control—			
acres on which used ----- \$1,000.....	13 852 822	14 569 402	14 127 330	Insects on hay and other crops ----- farms.....	19 416	14 733	16 035
Lime ----- farms.....	216 166	254 590	252 403	acres on which used -----	3 015 580	2 861 551	2 980 702
acres on which used -----	2 685	2 514	3 662	Nematodes in crops ----- farms.....	716	699	1 292
tons -----	154 622	148 897	215 038	acres on which used -----	87 904	130 368	167 310
tons -----	369 024	375 467	527 020	Diseases in crops and orchards ----- farms.....	1 055	925	1 429
Farms by tons used:				acres on which used -----	125 065	131 390	221 875
1 to 49 tons -----	917	751	1 212	Weeds, grass, or brush in crops and pasture ----- farms.....	36 950	28 058	33 257
50 to 99 tons -----	676	538	857	acres on which used -----	8 637 062	5 907 508	6 070 765
100 to 199 tons -----	582	676	774	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms.....	614	737	606
200 to 499 tons -----	385	419	635	acres on which used -----	68 839	95 589	64 314
500 to 999 tons -----	101	105	141				
1,000 tons or more -----	24	25	43				
Agricultural chemicals ¹ ----- farms.....	46 318	34 068	42 427				
\$1,000.....	125 003	94 957	68 543				

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