

**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...	3 278	(X)	3 736	3 485
Average per farm ----- \$1,000...	(X)	9 300	14 569	9 514
Average per farm ----- dollars...	(X)	2 837	3 900	2 730
Gasoline and gasohol ----- farms...	2 983	(X)	3 489	3 336
Average per farm ----- \$1,000...	(X)	3 704	5 391	3 946
Average per farm ----- dollars...	(X)	1 242	1 545	1 183
Farms with expenses of --				
\$1 to \$499 -----	1 575	320	1 894	1 790
\$500 to \$999 -----	493	322	484	641
\$1,000 to \$1,999 -----	444	569	438	423
\$2,000 to \$4,999 -----	340	964	411	365
\$5,000 to \$9,999 -----	95	638	191	83
\$10,000 to \$24,999 -----	22	297	71	34
\$25,000 or more -----	14	594		
Diesel fuel ----- farms...	1 445	(X)	1 475	1 199
Average per farm ----- \$1,000...	(X)	2 431	2 599	1 230
Average per farm ----- dollars...	(X)	1 682	1 762	1 026
Farms with expenses of --				
\$1 to \$499 -----	760	157	659	644
\$500 to \$999 -----	206	127	268	227
\$1,000 to \$1,999 -----	199	253	227	143
\$2,000 to \$4,999 -----	179	497	202	146
\$5,000 to \$9,999 -----	68	462	84	23
\$10,000 to \$24,999 -----	25	379	35	16
\$25,000 or more -----	8	554		
Natural gas ----- farms...	82	(X)	35	69
Average per farm ----- \$1,000...	(X)	516	534	83
Average per farm ----- dollars...	(X)	6 296	15 256	1 203
Farms with expenses of --				
\$1 to \$99 -----	9	(Z)	1	7
\$100 to \$499 -----	21	6	12	40
\$500 to \$999 -----	8	(D)	9	14
\$1,000 to \$1,999 -----	7	(D)	1	1
\$2,000 to \$4,999 -----	14	33	2	2
\$5,000 to \$9,999 -----	14	80	10	5
\$10,000 or more -----	9	383		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	2 144	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	2 650	6 045	4 255
Average per farm ----- dollars...	(X)	1 236	(NA)	(NA)
Farms with expenses of --				
\$1 to \$99 -----	715	33	(NA)	(NA)
\$100 to \$499 -----	906	189	(NA)	(NA)
\$500 to \$999 -----	237	148	(NA)	(NA)
\$1,000 to \$1,999 -----	121	156	(NA)	(NA)
\$2,000 to \$4,999 -----	98	298	(NA)	(NA)
\$5,000 to \$9,999 -----	22	131	(NA)	(NA)
\$10,000 or more -----	45	1 696	(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...	2 488	2 555	2 549	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	2 138	2 256	2 270	Sprays, dusts, granules, fumigants, etc., to control—			
acres on which used... \$1,000...	107 868	120 995	121 133	Insects on hay and other			
acres on which used... \$1,000...	7 333	7 547	7 707	crops ----- farms...	985	1 024	913
Lime ----- farms...	853	1 157	1 167	acres on which used...	38 934	37 876	36 191
acres on which used... tons...	23 278	28 141	38 572	Nematodes in crops ----- farms...	90	182	140
acres on which used... tons...	32 019	37 841	48 443	acres on which used...	7 339	11 312	7 399
Farms by tons used:				Diseases in crops and			
1 to 49 tons -----	687	957	896	orchards ----- farms...	500	542	603
50 to 99 tons -----	70	86	143	acres on which used...	12 378	13 684	17 030
100 to 199 tons -----	59	76	78	Weeds, grass, or brush in			
200 to 499 tons -----	33	36	45	crops and pasture ----- farms...	1 028	1 053	1 283
500 to 999 tons -----	4	1	5	acres on which used...	51 981	60 260	61 160
1,000 tons or more -----	-	1	-	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	110	145	103
Agricultural chemicals <sup>1</sup> ----- farms...	1 772	1 665	2 184	acres on which used...	3 227	4 867	3 888
\$1,000...	4 815	3 377	3 189				

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