

**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...	8 563	(X)	8 196	7 922
Average per farm ----- \$1,000...	(X)	19 961	28 878	18 859
Average per farm ----- dollars...	(X)	2 331	3 523	2 381
Gasoline and gasohol ----- farms...	7 736	(X)	7 899	7 709
Average per farm ----- \$1,000...	(X)	8 612	12 762	8 693
Average per farm ----- dollars...	(X)	1 113	1 616	1 128
Farms with expenses of--				
\$1 to \$499 .....	4 348	803	4 009	4 098
\$500 to \$999 .....	1 190	758	1 255	1 220
\$1,000 to \$1,999 .....	1 045	1 378	936	1 075
\$2,000 to \$4,999 .....	812	2 347	1 008	1 011
\$5,000 to \$9,999 .....	240	1 586	473	246
\$10,000 to \$24,999 .....	85	1 150	218	59
\$25,000 or more .....	16	591		
Diesel fuel ----- farms...	3 798	(X)	3 078	2 619
Average per farm ----- \$1,000...	(X)	6 139	7 028	3 354
Average per farm ----- dollars...	(X)	1 616	2 283	1 281
Farms with expenses of--				
\$1 to \$499 .....	1 930	370	1 082	1 313
\$500 to \$999 .....	567	368	526	421
\$1,000 to \$1,999 .....	488	659	514	408
\$2,000 to \$4,999 .....	525	1 564	581	357
\$5,000 to \$9,999 .....	191	1 234	241	86
\$10,000 to \$24,999 .....	79	1 112	134	34
\$25,000 or more .....	18	832		
Natural gas ----- farms...	287	(X)	247	277
Average per farm ----- \$1,000...	(X)	951	1 337	435
Average per farm ----- dollars...	(X)	3 314	5 413	1 570
Farms with expenses of--				
\$1 to \$99 .....	14	1	20	59
\$100 to \$499 .....	60	15	93	121
\$500 to \$999 .....	67	44	40	32
\$1,000 to \$1,999 .....	61	79	22	25
\$2,000 to \$4,999 .....	49	146	30	14
\$5,000 to \$9,999 .....	13	83	42	26
\$10,000 or more .....	23	583		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	5 465	(X)	(NA)	(NA)
Average per farm ----- \$1,000...	(X)	4 260	7 751	6 376
Average per farm ----- dollars...	(X)	779	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 .....	2 147	98	(NA)	(NA)
\$100 to \$499 .....	1 988	428	(NA)	(NA)
\$500 to \$999 .....	387	536	(NA)	(NA)
\$1,000 to \$1,999 .....	271	489	(NA)	(NA)
\$2,000 to \$4,999 .....	68	744	(NA)	(NA)
\$5,000 to \$9,999 .....	68	444	(NA)	(NA)
\$10,000 or more .....	68	1 697	(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...	6 561	6 059	6 500	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	5 743	5 367	5 891	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... \$1,000...	403 728	463 388	475 873	insects on hay and other			
Average per farm ----- \$1,000...	23 767	26 140	19 192	crops ----- farms...	3 096	2 882	2 772
Lime ----- farms...	2 167	2 538	2 749	acres on which used...	150 241	184 058	168 437
acres on which used... tons...	87 008	123 143	139 384	Nematodes in crops ----- farms...	351	321	363
Average per farm ----- tons...	104 761	149 278	171 404	acres on which used...	15 613	19 781	13 894
Farms by tons used:				Diseases in crops and			
1 to 49 tons .....	1 558	1 702	1 778	orchards ----- farms...	1 544	1 209	1 463
50 to 99 tons .....	297	344	438	acres on which used...	65 983	68 449	60 202
100 to 199 tons .....	197	290	312	Weeds, grass, or brush in			
200 to 499 tons .....	101	172	179	crops and pasture ----- farms...	3 170	3 069	3 359
500 to 999 tons .....	11	27	35	acres on which used...	268 203	313 749	305 600
1,000 tons or more .....	3	3	7	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	221	264	237
Agricultural chemicals <sup>1</sup> ----- farms...	5 187	4 527	5 690	acres on which used...	(D)	15 875	10 773
Average per farm ----- \$1,000...	17 267	14 530	10 154				

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