

**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...	4 503	(X)	4 481	4 150
Average per farm ----- \$1,000... dollars...	(X)	17 197	19 884	11 595
Average per farm ----- dollars...	(X)	3 819	4 433	2 794
Gasoline and gasohol ----- farms...	4 151	(X)	4 290	4 084
Average per farm ----- \$1,000... dollars...	(X)	6 379	7 778	4 557
Average per farm ----- dollars...	(X)	1 537	1 813	1 116
Farms with expenses of--				
\$1 to \$499 .....	2 213	400	2 503	2 751
\$500 to \$999 .....	778	528	837	665
\$1,000 to \$1,999 .....	594	778	546	315
\$2,000 to \$4,999 .....	420	1 230	401	243
\$5,000 to \$9,999 .....	84	529	119	66
\$10,000 to \$24,999 .....	40	557		
\$25,000 or more .....	22	2 356	84	44
Diesel fuel ----- farms...	1 468	(X)	1 395	978
Average per farm ----- \$1,000... dollars...	(X)	8 560	9 465	5 222
Average per farm ----- dollars...	(X)	5 831	7 090	5 339
Farms with expenses of--				
\$1 to \$499 .....	936	145	875	729
\$500 to \$999 .....	224	141	178	95
\$1,000 to \$1,999 .....	118	153	111	68
\$2,000 to \$4,999 .....	108	308	98	42
\$5,000 to \$9,999 .....	33	208	26	17
\$10,000 to \$24,999 .....	24	391		
\$25,000 or more .....	25	7 217	47	27
Natural gas ----- farms...	-	(X)	-	17
Average per farm ----- \$1,000... dollars...	(X)	-	-	8
Average per farm ----- dollars...	(X)	-	-	471
Farms with expenses of--				
\$1 to \$99 .....	-	-	-	3
\$100 to \$499 .....	-	-	-	9
\$500 to \$999 .....	-	-	-	3
\$1,000 to \$1,999 .....	-	-	-	1
\$2,000 to \$4,999 .....	-	-	-	1
\$5,000 to \$9,999 .....	-	-	-	-
\$10,000 or more .....	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	2 782	(X)	(NA)	(NA)
Average per farm ----- \$1,000... dollars...	(X)	2 258	2 622	1 808
Average per farm ----- dollars...	(X)	811	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 .....	1 584	66	(NA)	(NA)
\$100 to \$499 .....	937	183	(NA)	(NA)
\$500 to \$999 .....	137	85	(NA)	(NA)
\$1,000 to \$1,999 .....	57	76	(NA)	(NA)
\$2,000 to \$4,999 .....	30	85	(NA)	(NA)
\$5,000 to \$9,999 .....	13	84	(NA)	(NA)
\$10,000 or more .....	24	1 679	(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...	4 105	3 532	3 568	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms...	3 524	3 158	3 172	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used... \$1,000...	225 457	228 984	284 452	Insects on hay and other crops..... farms...	2 008	1 702	1 204
Lime ----- farms...	825	525	525	acres on which used...	68 150	45 671	28 787
acres on which used... tons...	21 544	9 547	12 488	Nematodes in crops ----- farms...	663	654	441
acres on which used... tons...	23 220	10 423	12 011	acres on which used...	15 792	9 638	9 806
Farms by tons used:				Diseases in crops and orchards..... farms...	1 151	1 067	912
1 to 49 tons .....	800	509	496	acres on which used...	(D)	18 085	12 310
50 to 99 tons .....	15	9	16	Weeds, grass, or brush in crops and pasture ----- farms...	2 887	2 385	2 325
100 to 199 tons .....	2	3	5	acres on which used...	235 871	213 551	269 801
200 to 499 tons .....	4	2	3	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms...	212	185	180
500 to 999 tons .....	1	1	1	acres on which used...	57 481	50 455	57 280
1,000 tons or more .....	3	1	4				
Agricultural chemicals <sup>1</sup> ----- farms...	3 881	3 084	3 277				
\$1,000...	18 233	16 417	13 700				

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