

**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..	31 581	(X)	34 725	34 324
\$1,000..	(X)	104 591	135 063	80 953
Average per farm ----- dollars..	(X)	3 312	3 890	2 358
Gasoline and gasohol ----- farms..	23 446	(X)	28 307	29 537
\$1,000..	(X)	40 155	51 850	35 025
Average per farm ----- dollars..	(X)	1 713	1 832	1 186
Farms with expenses of--				
\$1 to \$499 -----	12 764	2 191	16 671	18 182
\$500 to \$999 -----	3 956	2 560	3 521	4 271
\$1,000 to \$1,999 -----	2 933	3 790	2 928	3 301
\$2,000 to \$4,999 -----	2 282	6 613	2 933	2 404
\$5,000 to \$9,999 -----	828	5 539	1 236	867
\$10,000 to \$24,999 -----	478	6 911		
\$25,000 or more -----	205	12 550	1 018	512
Diesel fuel ----- farms..	19 392	(X)	20 272	18 841
\$1,000..	(X)	47 571	62 456	30 984
Average per farm ----- dollars..	(X)	2 453	3 081	1 636
Farms with expenses of--				
\$1 to \$499 -----	11 555	1 919	11 529	12 009
\$500 to \$999 -----	2 599	1 646	2 362	2 347
\$1,000 to \$1,999 -----	1 832	2 303	1 890	1 736
\$2,000 to \$4,999 -----	1 747	5 001	2 225	1 692
\$5,000 to \$9,999 -----	770	5 098	1 080	636
\$10,000 to \$24,999 -----	572	(D)		
\$25,000 or more -----	317	(D)	1 186	519
Natural gas ----- farms..	594	(X)	437	360
\$1,000..	(X)	1 329	915	562
Average per farm ----- dollars..	(X)	2 298	2 093	1 561
Farms with expenses of--				
\$1 to \$99 -----	63	3	74	34
\$100 to \$499 -----	251	66	156	175
\$500 to \$999 -----	77	50	90	54
\$1,000 to \$1,999 -----	61	75	49	39
\$2,000 to \$4,999 -----	84	244	45	38
\$5,000 to \$9,999 -----	25	161		
\$10,000 or more -----	33	730	23	20
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	18 660	(X)	(NA)	(NA)
\$1,000..	(X)	15 536	19 842	14 382
Average per farm ----- dollars..	(X)	833	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	8 000	361	(NA)	(NA)
\$100 to \$499 -----	6 770	1 433	(NA)	(NA)
\$500 to \$999 -----	1 515	965	(NA)	(NA)
\$1,000 to \$1,999 -----	938	1 233	(NA)	(NA)
\$2,000 to \$4,999 -----	832	2 400	(NA)	(NA)
\$5,000 to \$9,999 -----	365	2 430	(NA)	(NA)
\$10,000 or more -----	240	6 715	(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..	27 893	26 838	30 044	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	24 803	25 635	28 316	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used..	2 956 843	3 487 328	3 875 775	Insects on hay and other crops ----- farms..	12 555	12 544	12 949
\$1,000..	209 617	217 332	174 996	acres on which used..	1 415 048	1 673 348	1 486 503
Lime ----- farms..	3 896	4 743	7 905	Nematodes in crops ----- farms..	3 352	3 433	4 079
acres on which used..	373 361	478 992	858 075	acres on which used..	333 491	382 161	322 244
tons..	404 247	483 183	888 734	Diseases in crops and orchards ----- farms..	8 328	7 755	10 292
Farms by tons used:				acres on which used..	866 082	989 565	1 096 174
1 to 49 tons -----	2 400	3 197	5 020	Weeds, grass, or brush in crops and pasture ----- farms..	11 983	9 141	8 719
50 to 99 tons -----	605	535	1 036	acres on which used..	1 456 684	1 608 602	1 449 474
100 to 199 tons -----	430	493	933	Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms..	1 601	1 362	1 072
200 to 499 tons -----	303	351	602	acres on which used..	97 063	95 076	121 714
500 to 999 tons -----	100	95	177				
1,000 tons or more -----	58	72	137				
Agricultural chemicals <sup>1</sup> ----- farms..	20 539	16 667	23 374				
\$1,000..	227 063	165 343	107 621				

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