

**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..	540	(X)	559	361
\$1,000..	(X)	1 140	1 113	507
Average per farm ----- dollars..	(X)	2 112	1 990	1 404
Gasoline and gasohol ----- farms..	462	(X)	528	350
\$1,000..	(X)	409	517	245
Average per farm ----- dollars..	(X)	884	979	700
Farms with expenses of--				
\$1 to \$499 -----	276	56	277	224
\$500 to \$999 -----	64	41	114	54
\$1,000 to \$1,999 -----	58	74	66	44
\$2,000 to \$4,999 -----	56	161	55	22
\$5,000 to \$9,999 -----	6	(D)	12	6
\$10,000 to \$24,999 -----	2	(D)	4	-
\$25,000 or more -----	-	-	-	-
Diesel fuel ----- farms..	310	(X)	268	158
\$1,000..	(X)	387	275	97
Average per farm ----- dollars..	(X)	1 248	1 028	614
Farms with expenses of--				
\$1 to \$499 -----	159	28	142	99
\$500 to \$999 -----	62	39	54	26
\$1,000 to \$1,999 -----	36	47	33	22
\$2,000 to \$4,999 -----	38	113	30	10
\$5,000 to \$9,999 -----	8	56	6	1
\$10,000 to \$24,999 -----	7	104	3	-
\$25,000 or more -----	-	-	-	-
Natural gas ----- farms..	42	(X)	11	7
\$1,000..	(X)	213	(D)	43
Average per farm ----- dollars..	(X)	5 073	(D)	6 143
Farms with expenses of--				
\$1 to \$99 -----	12	(Z)	2	1
\$100 to \$499 -----	14	5	4	2
\$500 to \$999 -----	3	2	1	-
\$1,000 to \$1,999 -----	3	(D)	-	1
\$2,000 to \$4,999 -----	4	(D)	1	-
\$5,000 to \$9,999 -----	1	(D)	-	-
\$10,000 or more -----	5	(D)	3	3
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	363	(X)	(NA)	(NA)
\$1,000..	(X)	132	(D)	121
Average per farm ----- dollars..	(X)	363	(NA)	(NA)
Farms with expenses of--				
\$1 to \$99 -----	150	7	(NA)	(NA)
\$100 to \$499 -----	156	34	(NA)	(NA)
\$500 to \$999 -----	27	18	(NA)	(NA)
\$1,000 to \$1,999 -----	16	21	(NA)	(NA)
\$2,000 to \$4,999 -----	11	34	(NA)	(NA)
\$5,000 to \$9,999 -----	3	18	(NA)	(NA)
\$10,000 or more -----	-	-	(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..	370	359	259	Any chemicals, fertilizer, or lime used--Con.			
Commercial fertilizer <sup>1</sup> ----- farms..	338	351	256	Sprays, dusts, granules, fumigants, etc., to control--			
acres on which used..	30 853	25 698	19 645	Insects on hay and other			
\$1,000..	1 413	1 118	776	crops ----- farms..	47	41	32
Lime ----- farms..	35	23	16	acres on which used..	1 653	567	562
acres on which used..	318	(D)	190	Nematodes in crops ----- farms..	4	-	7
tons..	183	(D)	157	acres on which used..	(D)	-	26
Farms by tons used:				Diseases in crops and			
1 to 49 tons -----	35	22	16	orchards ----- farms..	12	16	5
50 to 99 tons -----	-	1	-	acres on which used..	(D)	79	31
100 to 199 tons -----	-	-	-	Weeds, grass, or brush in			
200 to 499 tons -----	-	-	-	crops and pasture ----- farms..	92	80	55
500 to 999 tons -----	-	-	-	acres on which used..	5 683	4 432	5 051
1,000 tons or more -----	-	-	-	Chemicals used for defoliation			
Agricultural chemicals <sup>1</sup> ----- farms..	156	90	96	or for growth control of crops	4	-	2
\$1,000..	166	45	68	or thinning of fruit ----- farms..	(D)	-	(D)
				acres on which used..			

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