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	1 964 062	(X)	2 221 443	2 238 884
$1,000	(X)	5 277 227	7 888 052	4 691 425
Average per farm ---- dollars	(X)	2 687	3 551	2 095
Gasoline and gasohol ---- farms	1 630 834	(X)	1 997 303	2 080 593
$1,000	(X)	1 965 289	2 987 134	2 054 818
Average per farm ---- dollars	(X)	1 205	1 496	988
Farms with expenses of—				
$1 to $499	748 737	151 006	885 448	1 029 886
$500 to $999	318 118	212 341	323 121	416 379
$1,000 to $1,999	282 875	372 635	317 664	357 084
$2,000 to $4,999	217 112	614 830	343 413	230 203
$5,000 to $9,999	47 254	301 318	95 669	36 587
$10,000 to $24,999	14 347	193 041	31 788	10 454
$25,000 or more	2 391	120 118		
Diesel fuel ---- farms	1 281 013	(X)	1 320 404	1 194 065
$1,000	(X)	2 260 987	3 150 091	1 469 392
Average per farm ---- dollars	(X)	1 765	2 386	1 231
Farms with expenses of—				
$1 to $499	564 343	109 963	500 656	597 222
$500 to $999	208 723	139 512	203 826	218 662
$1,000 to $1,999	191 994	256 292	199 062	178 632
$2,000 to $4,999	205 469	610 606	244 809	146 390
$5,000 to $9,999	77 391	508 060	110 635	37 921
$10,000 to $24,999	28 255	385 815	61 416	15 238
$25,000 or more	4 838	250 738		
Natural gas ---- farms	81 746	(X)	72 179	76 629
$1,000	(X)	257 496	336 599	234 705
Average per farm ---- dollars	(X)	3 150	4 663	3 063
Farms with expenses of—				
$1 to $99	6 996	316	7 267	8 198
$100 to $499	22 035	5 921	18 400	25 876
$500 to $999	14 888	9 945	11 195	12 516
$1,000 to $1,999	13 524	17 511	10 948	9 865
$2,000 to $4,999	13 608	40 090	11 802	9 916
$5,000 to $9,999	5 673	36 041	12 567	10 258
$10,000 or more	5 022	145 671		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ---- farms	1 400 804	(X)	(NA)	(NA)
$1,000	(X)	793 455	1 414 229	932 510
Average per farm ---- dollars	(X)	566	(NA)	(NA)
Farms with expenses of—				
$1 to $99	480 713	22 831	(NA)	(NA)
$100 to $499	555 818	124 143	(NA)	(NA)
$500 to $999	170 385	111 154	(NA)	(NA)
$1,000 to $1,999	106 729	137 124	(NA)	(NA)
$2,000 to $4,999	66 761	188 127	(NA)	(NA)
$5,000 to $9,999	14 903	95 333	(NA)	(NA)
$10,000 or more	5 495	114 743	(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
Any chemicals, fertilizer, or lime used ---- farms	1 568 342	1 596 011	1 803 796
Commercial fertilizer[1] ---- farms	1 379 441	1 443 766	1 628 090
acres on which used	211 072 699	224 635 378	226 347 510
$1,000	6 684 944	7 689 365	6 330 581
Lime ---- farms	264 234	269 960	338 447
acres on which used	12 585 961	11 607 206	16 493 592
tons	23 503 799	19 966 509	28 490 969
Farms by tons used:			
1 to 49 tons	142 964	164 683	192 474
50 to 99 tons	50 675	48 182	64 260
100 to 199 tons	39 906	33 263	46 805
200 to 499 tons	24 771	19 384	27 745
500 to 999 tons	4 621	3 324	5 263
1,000 tons or more	1 297	1 124	1 900
Agricultural chemicals[1] ---- farms	1 262 680	1 125 436	1 439 040
$1,000	4 690 243	4 282 213	2 889 503

Chemicals used—Con.	1987	1982	1978
Any chemicals, fertilizer, or lime used—Con.			
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ---- farms	554 240	529 595	584 007
acres on which used	68 823 002	72 848 009	75 868 060
Nematodes in crops ---- farms	65 714	76 678	103 835
acres on which used	5 931 201	7 532 515	8 804 521
Diseases in crops and orchards ---- farms	129 247	127 677	129 026
acres on which used	10 467 053	11 685 486	11 414 860
Weeds, grass, or brush in crops and pasture ---- farms	913 914	871 967	959 557
acres on which used	171 287 964	176 871 096	164 617 114
Chemicals used for defoliation or for growth control of crops or thinning of fruit ---- farms	75 158	73 967	82 152
acres on which used	9 497 102	9 322 028	9 267 485

[1]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.