

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Maryland							
	Maryland	Allegheny	Anne Arundel	Baltimore	Calvert	Caroline	Carroll	Cecil
Commercial fertilizer ----- farms, 1982...	11 860	176	481	605	619	561	915	363
	12 329	164	504	645	600	611	988	360
	1 308 360	7 078	15 904	52 340	15 121	88 876	101 544	58 153
	1 358 294	6 094	17 703	52 442	11 754	92 435	87 604	44 575
Cropland fertilized, except pastureland ----- farms, 1982...	11 306	169	464	538	611	555	879	329
	12 175	158	499	614	600	611	973	354
	1 280 451	6 141	15 061	48 680	14 990	87 230	97 633	56 395
	1 294 567	4 974	16 796	47 631	10 934	91 440	83 573	41 666
Pastureland and rangeland fertilized ----- farms, 1982...	1 945	53	64	146	31	53	183	62
	2 149	39	46	193	50	35	208	92
	47 909	937	843	3 660	131	1 646	3 911	1 758
	61 727	1 120	907	4 811	820	995	4 031	2 909
Lime ----- farms, 1982...	5 331	69	251	314	215	221	393	154
	5 973	58	229	317	211	336	478	230
	287 331	1 201	7 928	12 326	4 478	21 537	18 764	11 437
	338 367	1 579	5 985	11 696	4 330	22 798	18 792	11 855
Sprays, dusts, granules, fumigants, etc., to control—	378 561	2 028	8 895	16 733	4 471	21 625	27 847	11 646
	320 155	3 451	8 261	16 168	3 937	22 451	26 035	13 790
	5 876	31	262	244	385	285	335	202
	5 577	58	254	304	235	311	342	116
Insects on hay and other crops ----- farms, 1982...	552 061	2 042	6 907	17 072	5 891	39 169	34 256	28 530
	467 022	2 097	4 446	19 655	2 625	30 724	24 876	11 698
	871	2	81	31	112	39	18	16
	934	4	42	63	104	24	10	45
Nematodes in crops ----- farms, 1982...	76 171	(D)	1 193	1 871	1 423	5 912	599	1 645
	65 907	183	604	6 376	923	1 477	528	2 910
	1 480	9	130	116	126	52	60	32
	1 050	17	41	103	63	61	44	18
Diseases in crops and orchards ----- farms, 1982...	65 044	422	1 597	1 465	1 263	4 557	2 941	1 142
	54 938	304	(D)	1 730	519	3 564	1 774	787
	7 129	90	191	278	238	411	710	205
	7 933	112	250	332	209	481	665	293
Weeds, grass, or brush in crops and pasture ----- farms, 1982...	941 057	2 440	9 881	32 013	12 270	69 491	59 757	36 867
	901 648	4 028	11 465	26 696	6 483	71 685	48 073	31 485
	904	4	41	36	81	26	40	21
	775	3	40	80	72	13	32	19
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982...	65 137	699	1 052	3 058	511	7 233	4 080	1 202
	31 877	204	502	1 694	458	1 670	859	2 178

Chemicals used	Maryland							
	Charles	Dorchester	Frederick	Garrett	Harford	Howard	Kent	Montgomery
Commercial fertilizer ----- farms, 1982...	654	377	1 049	510	541	264	325	456
	677	415	1 165	508	581	260	333	426
	28 472	89 541	129 789	23 500	55 561	26 941	96 663	49 773
	31 570	94 620	129 900	25 409	59 895	27 857	106 547	53 416
Cropland fertilized, except pastureland ----- farms, 1982...	644	375	1 003	496	498	208	312	406
	677	414	1 148	508	570	234	327	409
	27 971	89 277	119 160	21 409	52 498	24 271	94 662	45 924
	31 076	94 399	114 890	22 285	54 337	25 524	105 093	49 498
Pastureland and rangeland fertilized ----- farms, 1982...	50	12	371	83	149	100	40	138
	38	25	399	147	175	82	59	105
	501	264	10 629	2 091	3 063	2 670	2 001	3 849
	494	221	15 010	3 124	5 558	2 333	1 454	3 918
Lime ----- farms, 1982...	259	189	472	256	250	156	210	216
	260	232	603	224	345	130	229	239
	8 353	15 192	24 349	6 031	11 027	9 430	26 327	18 073
	8 342	21 857	35 248	5 838	16 054	12 538	31 696	21 540
Sprays, dusts, granules, fumigants, etc., to control—	7 312	14 857	28 057	12 230	15 911	9 366	29 964	22 638
	8 463	21 798	37 638	9 703	23 302	13 110	33 282	18 873
	343	186	556	92	220	103	209	208
	270	192	577	74	263	96	192	184
Insects on hay and other crops ----- farms, 1982...	10 595	26 554	45 754	3 840	22 936	11 425	63 384	23 549
	11 367	32 612	33 940	2 320	18 403	8 510	47 110	18 480
	19	44	72	1	22	11	42	36
	79	36	78	10	26	13	4	25
Nematodes in crops ----- farms, 1982...	224	2 762	5 450	(D)	5 710	1 711	11 080	6 139
	2 615	1 364	6 209	167	2 066	3 417	1 908	1 012
	87	71	72	2	21	53	34	77
	59	73	57	22	51	35	2	61
Diseases in crops and orchards ----- farms, 1982...	2 893	3 414	3 533	(D)	2 211	1 996	4 532	4 052
	614	10 367	1 605	771	1 385	1 373	(D)	544
	300	321	574	251	328	157	213	289
	306	308	702	362	364	190	246	314
Weeds, grass, or brush in crops and pasture ----- farms, 1982...	20 904	88 545	56 894	10 767	34 694	14 035	75 536	35 087
	18 921	73 148	51 832	11 630	31 598	13 998	81 388	34 969
	56	20	104	22	37	29	26	12
	77	32	59	11	25	13	-	21
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982...	1 224	1 017	7 491	237	3 532	2 840	3 049	4 303
	1 995	1 740	3 593	140	993	894	-	4 272

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Prince George's	Queen Anne's	St. Mary's	Somerset	Talbot	Washington	Wicomico	Worcester
Commercial fertilizer ----- farms, 1982..	606	427	889	226	285	667	491	373
1978..	543	447	835	239	307	725	508	388
acres on which used, 1982..	20 621	122 199	30 389	29 460	85 043	59 706	61 374	60 312
1978..	28 063	135 612	38 090	38 908	78 076	75 892	60 564	59 268
Cropland fertilized, except pastureland ----- farms, 1982..	571	422	879	226	253	630	466	372
1978..	638	447	829	239	305	725	508	388
acres on which used, 1982..	18 482	121 245	29 668	29 253	84 002	55 585	60 794	60 120
1978..	24 433	134 482	36 400	38 515	76 959	70 662	60 109	58 891
Pastureland and rangeland fertilized ----- farms, 1982..	59	30	58	10	55	138	46	14
1978..	49	39	78	13	31	183	29	34
acres on which used, 1982..	2 139	954	721	207	1 041	4 121	580	192
1978..	3 630	1 130	1 690	393	1 117	5 230	455	377
Lime ----- farms, 1982..	288	270	304	79	128	347	151	138
1978..	269	294	313	140	147	293	237	159
acres on which used, 1982..	8 311	22 697	7 923	5 241	11 488	15 780	8 463	10 975
1978..	8 133	28 444	10 418	8 182	14 538	13 599	13 952	11 053
tons, 1982..	7 754	22 874	7 499	5 183	13 590	19 163	8 594	10 324
1978..	7 934	29 004	10 544	8 586	14 742	15 663	13 148	10 272
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	225	254	542	134	143	422	199	296
1978..	281	171	442	145	164	438	282	186
acres on which used, 1982..	3 943	45 775	12 344	15 858	32 060	26 509	27 512	46 256
1978..	8 509	40 900	10 904	16 848	32 350	24 290	31 597	32 561
Nematodes in crops ----- farms, 1982..	3	66	99	40	5	45	30	37
1978..	69	34	53	21	22	82	34	56
acres on which used, 1982..	(D)	10 973	1 967	2 644	4 338	2 975	2 771	4 418
1978..	2 219	5 975	875	3 254	2 987	5 670	3 380	9 788
Diseases in crops and orchards ----- farms, 1982..	107	48	127	51	16	115	64	10
1978..	98	8	30	32	15	77	44	39
acres on which used, 1982..	1 353	3 480	2 769	3 278	(D)	9 241	4 074	858
1978..	1 809	6 275	570	2 245	2 367	5 675	2 480	6 329
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	188	311	485	221	175	453	389	351
1978..	318	321	445	211	223	477	461	343
acres on which used, 1982..	13 928	94 610	20 586	32 638	65 333	34 493	59 483	60 805
1978..	13 776	97 782	25 299	31 939	59 173	31 847	63 629	60 806
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	28	59	136	17	36	43	15	15
1978..	43	12	120	9	19	47	11	17
acres on which used, 1982..	301	9 791	1 984	361	4 444	2 825	2 424	1 479
1978..	810	1 614	2 765	172	296	3 866	177	985