

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	Kentucky	Adair	Allen	Anderson	Ballard	Barren	Bath
Commercial fertilizer ----- farms, 1982..	84 261	1 395	991	691	464	2 207	886
1978..	89 552	1 564	1 146	702	564	2 266	877
acres on which used, 1982..	3 583 272	36 149	32 167	11 594	51 910	76 240	14 921
1978..	3 533 186	34 934	44 084	8 365	53 242	78 071	14 022
Cropland fertilized, except pastureland ----- farms, 1982..	81 835	1 346	952	677	463	2 135	886
1978..	88 731	1 553	1 129	689	557	2 233	877
acres on which used, 1982..	3 125 036	25 192	24 209	7 560	51 172	58 007	13 524
1978..	3 012 242	24 099	31 915	5 869	51 483	54 090	11 059
Pastureland and rangeland fertilized ----- farms, 1982..	12 959	334	213	88	25	511	60
1978..	14 379	332	293	67	47	636	93
acres on which used, 1982..	458 236	10 957	7 958	4 034	738	18 233	1 397
1978..	520 944	10 835	12 169	2 496	1 759	23 981	2 963
Lime ----- farms, 1982..	24 336	382	251	266	110	563	230
1978..	23 972	369	333	198	177	716	180
acres on which used, 1982..	580 072	6 729	5 606	3 520	5 547	13 624	3 237
1978..	650 148	6 728	7 505	2 163	10 776	16 353	4 387
tons, 1982..	1 195 724	15 472	11 940	7 275	12 467	29 951	5 964
1978..	1 438 079	15 023	20 026	5 181	25 417	37 781	9 876
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	31 991	411	492	307	274	1 243	144
1978..	32 388	351	535	294	269	1 202	146
acres on which used, 1982..	794 855	6 580	7 600	3 810	7 776	17 923	2 573
1978..	953 541	4 740	10 993	2 228	18 850	14 844	1 842
Nematodes in crops ----- farms, 1982..	2 316	23	16	28	45	11	26
1978..	3 164	26	41	33	20	109	11
acres on which used, 1982..	74 825	399	199	380	3 672	174	639
1978..	96 199	364	1 366	249	1 217	1 696	145
Diseases in crops and orchards ----- farms, 1982..	9 420	107	83	62	30	274	104
1978..	2 451	27	52	21	34	64	-
acres on which used, 1982..	103 144	779	226	473	2 935	2 387	925
1978..	59 748	72	740	302	3 296	834	-
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	27 052	260	237	176	303	653	141
1978..	31 306	363	270	191	308	706	353
acres on which used, 1982..	2 367 734	8 063	11 401	3 439	61 244	26 125	3 971
1978..	2 107 554	10 016	16 052	2 976	39 730	18 674	6 737
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	7 058	73	49	71	59	154	58
1978..	8 231	164	47	97	50	113	93
acres on which used, 1982..	127 118	2 389	137	717	2 069	1 701	801
1978..	100 766	993	760	536	1 283	801	518

Chemicals used	Bell	Boone	Bourbon	Boyd	Boyle	Bracken	Breathitt
Commercial fertilizer ----- farms, 1982..	31	745	951	119	687	681	275
1978..	31	723	931	107	701	733	316
acres on which used, 1982..	295	12 521	36 280	2 790	15 120	7 625	2 401
1978..	606	12 023	29 845	1 609	15 388	7 234	1 520
Cropland fertilized, except pastureland ----- farms, 1982..	27	738	948	110	678	673	273
1978..	30	723	921	101	701	726	316
acres on which used, 1982..	206	11 739	29 572	2 282	11 846	6 900	1 593
1978..	348	11 055	23 654	1 381	11 772	6 752	1 373
Pastureland and rangeland fertilized ----- farms, 1982..	7	59	75	23	87	28	29
1978..	10	53	77	12	84	34	3
acres on which used, 1982..	89	782	6 708	508	3 274	725	808
1978..	258	968	6 191	228	3 616	482	147
Lime ----- farms, 1982..	10	242	396	33	197	301	36
1978..	5	195	343	17	157	223	22
acres on which used, 1982..	50	4 119	11 292	359	3 991	2 134	111
1978..	92	1 820	11 504	230	2 885	1 406	160
tons, 1982..	111	7 611	27 513	792	10 121	3 909	395
1978..	92	4 106	28 327	568	6 701	2 506	261
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	9	158	447	15	288	246	33
1978..	7	174	477	27	262	330	8
acres on which used, 1982..	38	3 187	15 215	107	5 487	3 681	247
1978..	80	2 760	11 011	288	4 040	2 650	58
Nematodes in crops ----- farms, 1982..	1	34	38	-	20	67	-
1978..	-	20	86	2	70	30	1
acres on which used, 1982..	(D)	1 059	1 243	-	1 176	628	-
1978..	-	184	3 155	(D)	1 517	346	(D)
Diseases in crops and orchards ----- farms, 1982..	4	62	190	5	147	73	24
1978..	5	101	32	1	2	23	1
acres on which used, 1982..	(D)	1 084	2 693	41	920	726	65
1978..	65	1 723	1 430	(D)	(D)	422	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	12	171	333	36	216	200	60
1978..	15	171	279	34	206	177	84
acres on which used, 1982..	57	5 730	18 904	1 292	8 767	2 613	927
1978..	379	6 041	12 260	1 623	7 409	3 348	613
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	68	116	-	103	90	10
1978..	1	76	135	-	131	137	27
acres on which used, 1982..	-	378	1 642	-	1 552	623	22
1978..	(D)	517	1 681	-	951	725	33

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	1982							1978						
	Breckinridge	Bullitt	Butler	Caldwell	Calloway	Campbell	Carlisle	Carroll	Carter	Casey	Christian	Clark	Clay	Clinton
Commercial fertilizer ----- farms, 1982..	1 370	494	498	503	858	315	384	374	886	1 405	1 285	881	506	632
	1978..	1 474	430	610	607	964	330	413	886	1 568	1 266	807	673	813
	acres on which used, 1982..	92 419	10 670	41 441	49 921	101 188	3 907	7 448	7 570	38 234	152 695	16 284	3 988	12 558
	1978..	63 454	9 584	42 461	68 436	97 855	4 497	6 030	7 625	31 495	166 941	15 100	6 471	20 188
Cropland fertilized, except pastureland ----- farms, 1982..	1 303	464	473	492	841	296	375	374	858	1 391	1 232	874	502	619
	1978..	1 451	430	599	602	960	330	413	875	1 563	1 251	806	668	802
	acres on which used, 1982..	72 209	10 062	39 282	46 130	97 849	3 696	6 588	5 708	27 830	146 409	13 228	2 968	8 063
	1978..	49 142	8 512	37 671	60 362	84 438	4 167	5 191	4 909	22 965	153 546	12 481	4 676	10 369
Pastureland and rangeland fertilized ----- farms, 1982..	336	62	59	98	104	37	37	22	97	282	159	66	53	169
	1978..	328	44	121	145	110	33	39	100	272	201	55	86	197
	acres on which used, 1982..	20 210	588	2 159	3 791	3 339	211	860	1 862	10 404	6 286	3 056	1 020	4 495
	1978..	14 312	1 072	4 790	8 074	3 417	330	839	2 716	8 530	13 395	2 619	1 795	9 819
Lime ----- farms, 1982..	518	111	111	116	219	119	137	147	251	371	335	320	113	109
	1978..	321	95	92	255	307	108	104	98	225	350	216	181	142
	acres on which used, 1982..	11 284	1 199	5 181	3 513	16 652	1 193	1 082	2 673	7 677	15 736	7 772	601	1 180
	1978..	9 924	2 391	3 332	12 124	16 046	841	1 187	1 671	5 343	29 747	5 991	1 610	2 912
Sprays, dusts, granules, fumigants, etc., to control—														
	Insects on hay and other crops ----- farms, 1982..	647	185	189	190	483	152	119	120	217	669	321	27	155
	1978..	591	154	179	285	454	133	143	68	355	588	288	104	260
	acres on which used, 1982..	15 230	2 025	9 910	5 957	19 280	950	2 614	1 079	3 817	34 588	4 252	38	553
1978..	11 789	1 927	12 101	21 045	25 354	842	1 789	2 543	4 576	46 960	3 414	651	3 267	
Nematodes in crops ----- farms, 1982..	53	12	-	11	19	6	12	24	2	11	41	10	-	5
	1978..	51	16	-	42	42	3	17	9	24	29	78	12	20
	acres on which used, 1982..	596	96	-	120	1 296	12	553	(D)	239	3 547	211	-	150
	1978..	815	134	-	3 450	2 351	23	180	9	250	1 889	1 532	48	305
Diseases in crops and orchards ----- farms, 1982..	198	56	34	31	36	63	21	56	103	128	56	122	32	39
	1978..	44	27	11	3	27	15	13	1	46	51	24	36	54
	acres on which used, 1982..	2 539	133	536	511	805	3 507	2 588	381	1 148	1 310	1 310	69	111
	1978..	555	296	87	568	193	806	63	(D)	392	5 957	266	579	241
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	568	133	281	293	613	81	253	126	131	378	761	131	47	108
	1978..	543	116	268	354	636	248	93	137	427	792	236	130	124
	acres on which used, 1982..	48 922	7 351	35 207	44 638	78 618	1 230	3 846	1 454	12 383	137 973	5 022	1 051	1 604
	1978..	27 985	3 650	20 391	50 463	74 530	1 133	2 612	1 511	8 529	134 959	7 106	1 929	1 817
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	104	30	1	40	64	40	26	34	79	103	109	73	22	15
	1978..	139	33	20	20	37	6	59	93	161	89	162	72	44
	acres on which used, 1982..	2 239	103	(D)	1 498	4 467	644	207	213	885	6 356	316	140	57
	1978..	2 332	102	885	842	342	23	358	277	1 337	4 812	1 727	398	189

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	Crittenden	Cumberland	Daviess	Edmonson	Elliott	Estill	Fayette
Commercial fertilizer ----- farms, 1982..	368	578	1 320	620	551	431	746
1978..	414	656	1 425	653	550	437	802
acres on which used, 1982..	36 813	11 256	136 613	20 592	3 686	5 238	24 936
1978..	38 001	10 938	129 705	17 441	3 979	5 429	28 115
Cropland fertilized, except pastureland ----- farms, 1982..	352	565	1 287	560	551	431	717
1978..	407	656	1 419	647	550	437	782
acres on which used, 1982..	34 481	9 796	132 757	15 558	2 726	4 331	17 981
1978..	34 558	8 680	123 928	13 247	2 752	4 428	17 759
Pastureland and rangeland fertilized ----- farms, 1982..	69	70	116	192	55	41	118
1978..	77	94	181	142	65	39	125
acres on which used, 1982..	2 332	1 460	3 856	5 034	960	907	6 955
1978..	3 443	2 258	5 777	4 194	1 227	1 001	10 356
Lime ----- farms, 1982..	87	51	408	114	143	149	314
1978..	128	141	514	167	86	35	295
acres on which used, 1982..	2 736	1 115	18 957	3 635	1 093	1 837	10 489
1978..	5 839	1 604	18 856	3 372	1 028	551	9 321
tons, 1982..	5 822	3 396	35 584	9 293	2 332	3 761	18 634
1978..	13 763	3 197	39 755	7 224	1 676	1 693	20 711
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	72	248	640	342	71	102	423
1978..	102	270	721	257	45	73	432
acres on which used, 1982..	4 674	1 956	33 765	2 908	519	317	9 552
1978..	9 248	2 566	53 992	4 962	582	607	9 479
Nematodes in crops ----- farms, 1982..	20	4	61	16	-	-	53
1978..	16	5	78	15	-	1	64
acres on which used, 1982..	663	44	5 167	178	-	-	1 328
1978..	697	5	4 665	326	-	(D)	770
Diseases in crops and orchards ----- farms, 1982..	32	105	218	56	40	45	151
1978..	2	35	50	19	-	25	40
acres on which used, 1982..	895	425	8 017	140	88	192	2 122
1978..	(D)	413	1 838	31	-	246	433
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	227	153	877	201	28	88	250
1978..	223	197	775	224	113	61	203
acres on which used, 1982..	29 254	4 800	129 506	8 909	320	1 773	15 577
1978..	23 386	4 098	97 830	6 423	3 903	1 853	9 012
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	17	56	132	6	20	29	100
1978..	23	14	125	35	34	41	129
acres on which used, 1982..	1 490	587	1 673	300	86	95	1 405
1978..	792	77	2 736	332	210	80	1 809

Chemicals used	Fleming	Floyd	Franklin	Fulton	Gallatin	Garrard	Grant
Commercial fertilizer ----- farms, 1982..	1 178	59	662	151	302	926	1 044
1978..	1 154	69	706	182	308	853	891
acres on which used, 1982..	31 389	650	8 950	44 464	5 017	16 235	10 877
1978..	28 039	578	10 584	30 017	4 194	14 375	7 777
Cropland fertilized, except pastureland ----- farms, 1982..	1 167	59	662	151	297	909	1 038
1978..	1 147	69	700	181	308	848	890
acres on which used, 1982..	26 178	561	6 949	44 292	4 177	13 294	7 921
1978..	23 246	578	8 789	29 338	3 846	11 275	6 866
Pastureland and rangeland fertilized ----- farms, 1982..	166	4	50	4	27	106	86
1978..	120	-	88	14	14	123	66
acres on which used, 1982..	5 211	89	2 001	172	840	2 941	2 956
1978..	4 793	-	1 795	679	348	3 100	911
Lime ----- farms, 1982..	451	4	221	41	103	318	399
1978..	413	4	256	107	116	260	425
acres on which used, 1982..	8 330	12	2 462	2 443	780	7 536	3 315
1978..	7 457	18	2 815	7 929	1 132	5 099	3 277
tons, 1982..	19 003	32	4 792	4 783	1 365	14 266	5 402
1978..	18 617	40	6 563	15 864	1 769	9 616	6 256
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	290	14	274	51	159	394	271
1978..	447	29	369	78	142	358	278
acres on which used, 1982..	4 898	37	4 743	7 750	2 906	4 589	1 942
1978..	6 649	106	4 818	11 450	2 657	2 584	2 161
Nematodes in crops ----- farms, 1982..	62	-	15	5	8	13	20
1978..	52	-	16	6	27	45	16
acres on which used, 1982..	976	-	873	140	100	271	40
1978..	640	-	514	2 091	213	350	28
Diseases in crops and orchards ----- farms, 1982..	155	11	110	6	20	63	84
1978..	26	8	6	9	1	12	16
acres on which used, 1982..	1 017	13	552	700	197	282	300
1978..	506	8	42	1 100	(D)	47	33
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	371	38	133	160	93	184	172
1978..	432	31	153	178	67	248	125
acres on which used, 1982..	12 840	358	4 121	64 104	3 083	2 531	1 583
1978..	12 659	294	5 775	64 770	1 597	4 102	1 057
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	123	3	48	10	54	87	94
1978..	139	2	118	5	32	161	205
acres on which used, 1982..	1 100	6	948	3 695	598	829	598
1978..	793	(D)	817	2 935	216	929	928

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	County							
	Graves	Grayson	Green	Greenup	Hancock	Hardin	Harlan	
Commercial fertilizer ----- farms, 1982..	1 215	1 349	1 240	630	437	1 535	10	
1978..	1 468	1 444	1 357	660	497	1 692	15	
acres on which used, 1982..	136 960	45 382	29 592	4 707	14 735	81 634	245	
1978..	137 234	51 612	32 946	8 246	17 106	73 305	256	
Cropland fertilized, except pastureland ----- farms, 1982..	1 209	1 302	1 203	625	429	1 465	10	
1978..	1 439	1 426	1 337	649	497	1 685	13	
acres on which used, 1982..	135 350	37 852	20 644	4 151	14 227	67 864	(D)	
1978..	133 718	40 207	23 077	6 913	14 968	61 828	170	
Pastureland and rangeland fertilized ----- farms, 1982..	64	232	263	49	30	357	1	
1978..	113	357	308	81	71	349	5	
acres on which used, 1982..	1 610	7 530	8 948	556	508	13 770	(D)	
1978..	3 516	11 405	9 869	1 333	2 138	11 477	86	
Lime ----- farms, 1982..	336	299	290	183	143	327	3	
1978..	493	316	323	116	122	471	6	
acres on which used, 1982..	22 350	5 570	4 080	1 058	2 063	9 889	(D)	
1978..	27 408	8 143	4 121	1 091	1 908	16 295	175	
tons, 1982..	45 333	14 193	9 647	2 109	4 332	23 478	36	
1978..	53 622	20 403	10 262	1 876	4 138	38 559	261	
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	546	575	564	78	163	776	6	
1978..	634	498	624	69	159	822	5	
acres on which used, 1982..	26 934	10 724	7 145	736	2 409	21 386	23	
1978..	36 178	9 386	5 089	1 553	3 448	17 492	94	
Nematodes in crops ----- farms, 1982..	54	27	18	-	-	35	-	
1978..	68	30	5	-	-	64	-	
acres on which used, 1982..	4 253	198	135	-	-	1 139	-	
1978..	5 347	567	62	-	-	1 754	-	
Diseases in crops and orchards ----- farms, 1982..	57	154	142	36	49	193	1	
1978..	66	28	31	18	4	32	2	
acres on which used, 1982..	3 147	520	1 293	277	78	831	(D)	
1978..	2 319	532	361	608	24	399	(D)	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	831	528	272	83	185	539	3	
1978..	1 005	454	448	129	225	707	5	
acres on which used, 1982..	112 232	19 785	9 347	3 605	11 760	48 023	(D)	
1978..	114 911	21 433	8 883	4 322	13 012	40 989	87	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	113	63	118	45	52	130	1	
1978..	81	103	140	27	60	85	2	
acres on which used, 1982..	6 130	1 411	1 073	149	617	2 250	(D)	
1978..	2 381	971	810	151	455	1 769	(D)	

Chemicals used	County							
	Harrison	Hart	Henderson	Henry	Hickman	Hopkins	Jackson	Jefferson
Commercial fertilizer ----- farms, 1982..	1 115	1 445	468	1 008	226	512	854	407
1978..	1 076	1 556	631	1 053	324	505	908	426
acres on which used, 1982..	20 930	32 576	88 879	24 113	62 262	66 470	13 755	13 326
1978..	14 781	40 967	94 827	27 581	51 168	56 515	12 055	13 652
Cropland fertilized, except pastureland ----- farms, 1982..	1 094	1 407	468	1 007	226	486	837	396
1978..	1 060	1 534	626	1 053	324	496	908	419
acres on which used, 1982..	17 150	25 335	86 293	21 253	61 446	64 164	7 028	12 124
1978..	12 019	29 522	90 845	22 198	49 828	53 904	6 543	12 415
Pastureland and rangeland fertilized ----- farms, 1982..	91	297	42	76	22	89	172	66
1978..	97	313	84	173	36	71	158	55
acres on which used, 1982..	3 780	7 241	2 586	2 860	816	2 306	6 727	1 202
1978..	2 762	11 445	3 982	5 383	1 340	2 611	5 512	1 237
Lime ----- farms, 1982..	441	555	102	353	115	163	286	126
1978..	304	502	154	354	140	143	193	122
acres on which used, 1982..	5 150	9 557	8 725	6 147	8 725	4 895	4 633	2 256
1978..	3 678	10 794	10 873	6 078	7 279	9 936	2 185	2 306
tons, 1982..	10 245	19 195	19 349	16 179	16 839	12 301	6 917	5 064
1978..	6 221	23 724	24 595	15 799	14 805	20 709	5 800	4 568
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	521	825	133	512	56	137	120	219
1978..	501	845	227	469	145	210	95	126
acres on which used, 1982..	6 463	12 349	24 350	7 795	15 163	13 659	396	2 954
1978..	5 155	10 752	39 122	7 375	16 624	23 617	1 239	3 164
Nematodes in crops ----- farms, 1982..	46	46	27	29	18	13	-	13
1978..	61	31	35	81	15	24	40	6
acres on which used, 1982..	1 145	993	3 837	514	847	(D)	-	488
1978..	451	451	1 887	1 673	1 454	1 057	440	105
Diseases in crops and orchards ----- farms, 1982..	200	198	27	124	13	28	89	40
1978..	28	40	21	49	19	8	25	32
acres on which used, 1982..	2 018	2 269	2 344	988	2 399	122	250	233
1978..	242	293	1 976	278	1 728	795	50	490
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	209	415	339	267	219	299	79	151
1978..	254	515	417	345	257	362	144	117
acres on which used, 1982..	6 537	13 455	106 087	7 255	64 749	69 782	912	12 957
1978..	6 157	12 060	101 182	11 032	51 161	51 003	1 487	4 795
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	197	118	68	115	28	12	38	28
1978..	190	146	58	160	10	11	131	27
acres on which used, 1982..	1 978	468	8 129	995	4 019	(D)	85	673
1978..	930	1 197	5 083	1 020	550	160	685	75

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	County							
	Jessamine	Johnson	Kenton	Knott	Knox	Larue	Laurel	Lawrence
Commercial fertilizer ----- farms, 1982..	763	174	463	11	346	887	1 174	307
	1978..	787	199	465	11	416	1 000	296
acres on which used, 1982..	11 711	912	4 785	48	3 233	41 734	16 086	1 964
	1978..	10 061	1 040	3 782	52	4 517	17 175	1 710
Cropland fertilized, except pastureland ----- farms, 1982..	744	158	453	11	340	855	1 160	301
	1978..	786	194	465	11	410	995	296
acres on which used, 1982..	9 918	647	2 969	48	2 883	34 419	11 057	1 834
	1978..	7 575	858	2 940	52	3 597	11 237	1 315
Pastureland and rangeland fertilized ----- farms, 1982..	106	16	21	-	25	268	218	21
	1978..	59	10	36	-	37	215	14
acres on which used, 1982..	1 793	265	1 816	-	350	7 315	5 029	130
	1978..	2 486	182	842	-	920	7 227	395
Lime ----- farms, 1982..	331	35	123	-	70	259	233	75
	1978..	238	24	139	-	49	347	33
acres on which used, 1982..	4 639	350	884	-	1 119	5 727	3 400	651
	1978..	3 901	120	1 169	-	475	10 116	283
tons, 1982..	9 132	1 007	1 949	-	1 024	13 637	6 249	754
	1978..	6 080	247	2 519	-	1 105	25 583	628
Sprays, dusts, granules, fumigants, etc., to control—								
	Insects on hay and other crops ----- farms, 1982..	348	-	117	6	49	447	213
acres on which used, 1982..	396	20	134	5	121	383	213	14
	1978..	3 996	-	837	20	265	7 675	206
Nematodes in crops ----- farms, 1982..	16	-	9	-	6	25	35	10
	1978..	36	10	19	-	5	44	-
acres on which used, 1982..	79	-	85	-	18	769	94	28
	1978..	741	40	126	-	10	1 494	-
Diseases in crops and orchards ----- farms, 1982..	129	35	19	2	28	81	219	30
	1978..	11	16	15	2	-	36	24
acres on which used, 1982..	1 110	73	58	(D)	116	1 479	786	78
	1978..	139	24	90	(D)	-	417	147
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	134	32	60	5	94	342	132	28
	1978..	194	42	92	4	81	464	65
acres on which used, 1982..	3 326	201	522	27	792	21 272	1 716	560
	1978..	4 080	322	1 835	11	893	21 653	309
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	58	-	13	-	33	45	99	9
	1978..	100	19	44	-	30	81	3
acres on which used, 1982..	619	-	23	-	93	1 358	562	9
	1978..	640	108	74	-	140	883	27

Chemicals used	County							
	Lee	Leslie	Letcher	Lewis	Lincoln	Livingston	Logan	Lyon
Commercial fertilizer ----- farms, 1982..	161	39	31	877	1 376	227	1 295	243
	1978..	216	56	30	933	1 519	1 435	238
acres on which used, 1982..	1 348	184	201	16 839	36 584	40 908	129 548	14 659
	1978..	2 518	398	243	16 224	33 549	130 816	18 827
Cropland fertilized, except pastureland ----- farms, 1982..	161	39	28	866	1 347	195	1 241	224
	1978..	216	56	29	933	1 519	291	238
acres on which used, 1982..	907	184	139	13 688	28 448	35 025	121 439	11 212
	1978..	1 972	(D)	204	12 769	25 162	30 782	15 982
Pastureland and rangeland fertilized ----- farms, 1982..	9	-	8	150	265	62	201	46
	1978..	22	2	4	150	287	109	59
acres on which used, 1982..	441	-	62	3 145	8 136	5 883	8 109	3 447
	1978..	546	(D)	39	3 455	8 387	6 002	2 845
Lime ----- farms, 1982..	25	3	5	216	304	60	397	39
	1978..	17	3	4	218	387	133	490
acres on which used, 1982..	1 121	4	39	5 248	4 723	3 088	17 305	371
	1978..	1 106	12	27	2 509	6 411	4 790	23 722
tons, 1982..	1 648	6	52	9 325	10 436	7 277	33 390	1 054
	1978..	394	10	63	4 353	14 247	13 337	8 638
Sprays, dusts, granules, fumigants, etc., to control—								
	Insects on hay and other crops ----- farms, 1982..	23	6	10	88	452	38	755
acres on which used, 1982..	30	6	6	94	489	77	722	101
	1978..	58	17	35	2 042	7 569	4 493	30 444
Nematodes in crops ----- farms, 1982..	-	-	-	15	29	7	32	-
	1978..	-	1	-	16	33	44	9
acres on which used, 1982..	-	-	-	414	470	876	1 130	-
	1978..	-	(D)	-	178	738	2 970	624
Diseases in crops and orchards ----- farms, 1982..	14	2	4	79	150	3	115	28
	1978..	-	-	2	16	12	36	1
acres on which used, 1982..	20	(D)	9	324	950	(D)	703	199
	1978..	-	-	(D)	167	211	907	1 720
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	35	7	13	193	327	121	791	110
	1978..	41	6	10	307	485	147	145
acres on which used, 1982..	151	76	82	3 084	12 144	31 855	99 791	12 751
	1978..	1 094	15	135	5 627	12 165	22 840	84 437
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	3	1	118	126	1	85	13
	1978..	1	23	1	112	176	5	18
acres on which used, 1982..	-	10	(D)	1 053	1 103	(D)	5 269	135
	1978..	(D)	215	(D)	983	943	379	694

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	Counties								
	McCracken	McCreary	McLean	Madison	Magoffin	Marion	Marshall	Martin	
Commercial fertilizer ----- farms, 1982..	384	71	546	1 443	448	1 041	502	10	
1978..	458	77	648	1 428	487	988	572	13	
acres on which used, 1982..	30 032	536	71 498	19 601	2 642	34 542	39 236	183	
1978..	37 647	721	74 475	20 745	1 876	33 448	38 848	183	
Cropland fertilized, except pastureland ----- farms, 1982..	369	66	536	1 422	438	1 026	406	9	
1978..	453	71	648	1 410	487	983	557	12	
acres on which used, 1982..	28 901	403	70 141	15 490	2 312	30 122	34 319	100	
1978..	36 256	501	71 645	14 732	1 826	24 812	35 778	133	
Pastureland and rangeland fertilized ----- farms, 1982..	37	13	24	138	24	141	140	5	
1978..	52	11	68	205	7	201	127	3	
acres on which used, 1982..	1 131	133	1 357	4 111	330	4 420	4 917	83	
1978..	1 391	220	2 830	6 013	50	8 636	3 070	50	
Lime ----- farms, 1982..	150	6	170	329	135	175	66	1	
1978..	148	20	167	284	52	216	176	6	
acres on which used, 1982..	4 276	205	7 330	9 205	607	3 293	4 092	(D)	
1978..	6 342	94	9 596	5 707	266	5 063	7 154	53	
tons, 1982..	9 454	655	15 739	13 134	988	8 672	6 594	(D)	
1978..	13 237	150	19 491	10 395	484	13 424	18 236	83	
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ----- farms, 1982..	173	15	246	438	9	364	198	2	
1978..	126	19	257	473	54	375	164	2	
acres on which used, 1982..	8 053	64	21 576	6 097	99	4 667	7 488	(D)	
1978..	10 494	83	17 990	4 952	464	5 321	5 679	(D)	
Nematodes in crops ----- farms, 1982..	16	-	36	50	-	33	12	-	
1978..	22	-	18	59	-	41	7	1	
acres on which used, 1982..	1 397	-	1 637	296	-	803	317	-	
1978..	1 411	-	437	809	-	1 901	356	(D)	
Diseases in crops and orchards ----- farms, 1982..	8	2	51	210	37	154	13	-	
1978..	40	7	4	40	-	40	6	1	
acres on which used, 1982..	(D)	(D)	765	1 567	100	654	55	-	
1978..	2 871	29	175	691	-	590	40	(D)	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	208	14	410	241	61	294	249	3	
1978..	285	13	451	250	104	255	401	7	
acres on which used, 1982..	28 740	135	65 968	5 687	526	18 588	28 691	(D)	
1978..	30 964	55	64 077	6 458	739	9 853	30 499	124	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	13	-	34	83	50	71	15	-	
1978..	41	-	36	165	19	68	15	-	
acres on which used, 1982..	570	-	807	514	134	640	121	-	
1978..	507	-	2 476	1 674	24	246	270	-	

Chemicals used	Counties								
	Mason	Meade	Menifee	Mercer	Metcalfe	Monroe	Montgomery	Morgan	
Commercial fertilizer ----- farms, 1982..	859	741	359	1 014	1 000	1 014	811	834	
1978..	856	726	409	970	1 059	1 100	820	903	
acres on which used, 1982..	21 316	45 903	2 682	22 400	27 773	31 705	17 138	7 672	
1978..	20 159	32 794	4 182	20 850	26 223	37 637	14 375	10 720	
Cropland fertilized, except pastureland ----- farms, 1982..	859	704	359	944	981	977	796	780	
1978..	856	696	409	943	1 054	1 084	819	903	
acres on which used, 1982..	17 690	38 325	2 043	18 000	22 845	18 019	15 708	5 168	
1978..	17 945	27 234	3 086	17 914	19 655	23 256	11 807	6 620	
Pastureland and rangeland fertilized ----- farms, 1982..	103	164	35	142	176	272	62	107	
1978..	69	184	49	108	225	257	80	95	
acres on which used, 1982..	3 626	7 578	639	4 400	4 928	13 686	1 430	2 504	
1978..	2 214	5 560	1 096	2 936	6 568	14 381	2 568	4 100	
Lime ----- farms, 1982..	336	200	64	427	205	266	252	196	
1978..	321	198	63	266	242	274	149	123	
acres on which used, 1982..	6 522	8 475	834	5 937	2 991	5 481	4 480	1 663	
1978..	5 359	6 368	479	5 468	4 844	5 584	3 557	1 362	
tons, 1982..	10 641	16 017	3 007	11 907	7 619	14 037	8 048	3 792	
1978..	12 242	14 790	931	14 282	12 241	15 095	8 292	4 617	
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ----- farms, 1982..	331	279	18	402	493	449	304	58	
1978..	327	247	38	387	481	439	192	92	
acres on which used, 1982..	6 468	5 585	57	5 972	7 088	4 632	3 259	510	
1978..	7 749	7 141	250	7 314	7 172	6 526	3 143	810	
Nematodes in crops ----- farms, 1982..	28	25	-	6	20	12	36	-	
1978..	30	12	-	48	38	66	27	1	
acres on which used, 1982..	340	109	-	59	277	406	729	-	
1978..	342	920	-	2 120	494	862	239	(D)	
Diseases in crops and orchards ----- farms, 1982..	125	66	30	62	159	101	165	83	
1978..	24	11	1	12	52	8	25	-	
acres on which used, 1982..	1 190	96	78	212	1 050	532	1 384	654	
1978..	609	17	(D)	196	873	27	408	-	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	259	281	24	286	321	251	178	100	
1978..	362	322	64	285	388	411	152	114	
acres on which used, 1982..	7 693	24 871	137	11 698	9 291	7 255	6 223	960	
1978..	10 058	16 605	315	8 220	9 654	11 127	4 067	1 798	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	170	66	21	96	98	114	158	69	
1978..	157	28	40	172	67	42	104	129	
acres on which used, 1982..	1 940	847	61	752	1 053	845	2 828	264	
1978..	1 666	1 024	103	1 394	225	228	714	426	

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	Muhlenberg	Nelson	Nicholas	Ohio	Oldham	Owen	Owsley	Pendleton
Commercial fertilizer ----- farms, 1982..	544	1 055	655	878	391	1 037	360	853
1978..	681	1 183	625	1 032	380	926	399	848
acres on which used, 1982..	39 352	38 149	16 147	60 652	20 668	13 528	3 201	15 279
1978..	38 007	37 217	6 384	60 805	18 449	11 328	3 794	11 355
Cropland fertilized, except pastureland ----- farms, 1982..	529	1 013	647	829	358	1 021	360	835
1978..	663	1 182	625	1 014	379	926	399	835
acres on which used, 1982..	35 207	31 753	8 862	54 993	16 425	11 916	3 051	12 413
1978..	32 311	29 555	5 667	55 130	16 699	8 911	2 670	9 944
Pastureland and rangeland fertilized ----- farms, 1982..	104	192	54	145	63	78	11	85
1978..	163	196	46	163	42	104	42	61
acres on which used, 1982..	4 145	6 396	7 285	5 659	4 243	1 612	150	2 866
1978..	5 696	7 662	717	5 675	1 780	2 417	1 124	1 411
Lime ----- farms, 1982..	111	368	179	279	136	380	58	338
1978..	166	362	166	298	92	322	98	280
acres on which used, 1982..	5 437	8 658	4 205	8 908	3 598	3 269	456	3 905
1978..	6 054	10 528	3 835	8 463	2 670	2 917	516	1 759
tons, 1982..	11 047	20 006	9 317	16 967	6 611	6 314	9 307	6 265
1978..	12 848	19 757	7 968	16 548	6 444	6 879	1 551	3 335
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	206	475	196	408	176	503	11	268
1978..	242	536	157	317	146	317	40	286
acres on which used, 1982..	7 628	6 670	2 755	11 885	5 470	5 841	41	4 009
1978..	5 090	11 590	2 245	8 708	7 336	3 400	913	2 992
Nematodes in crops ----- farms, 1982..	18	18	2	19	42	105	-	42
1978..	44	59	10	12	24	19	20	56
acres on which used, 1982..	409	452	(D)	1 427	2 775	1 304	-	568
1978..	1 605	1 637	194	464	2 085	186	75	618
Diseases in crops and orchards ----- farms, 1982..	37	78	40	148	57	269	-	167
1978..	16	12	6	15	11	23	-	45
acres on which used, 1982..	463	846	859	2 707	172	1 394	-	1 218
1978..	378	85	60	165	1 354	79	-	340
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	279	329	103	459	162	350	22	275
1978..	378	402	111	481	146	197	86	214
acres on which used, 1982..	26 587	19 229	1 886	44 474	16 019	6 390	1 529	6 001
1978..	29 090	17 628	3 058	41 747	10 178	2 207	1 311	4 605
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	17	58	71	83	29	161	30	74
1978..	3	122	89	75	36	135	28	128
acres on which used, 1982..	401	1 208	660	1 322	520	776	58	432
1978..	45	2 247	835	1 666	1 780	790	110	719

Chemicals used	Perry	Pike	Powell	Pulaski	Robertson	Rockcastle	Rowan	Russell
Commercial fertilizer ----- farms, 1982..	24	23	327	2 093	280	858	489	1 074
1978..	25	33	332	2 234	320	869	453	1 139
acres on which used, 1982..	477	237	2 091	55 033	3 928	11 644	9 316	21 262
1978..	219	348	3 797	55 885	3 366	14 510	5 003	29 424
Cropland fertilized, except pastureland ----- farms, 1982..	23	23	320	1 948	280	835	470	1 040
1978..	25	33	332	2 215	320	857	452	1 127
acres on which used, 1982..	(D)	(D)	1 983	40 841	3 148	8 033	5 544	15 414
1978..	(D)	276	3 416	37 577	2 951	9 588	3 288	18 798
Pastureland and rangeland fertilized ----- farms, 1982..	2	1	22	511	8	162	105	192
1978..	6	5	38	605	19	145	44	317
acres on which used, 1982..	(D)	(D)	108	14 192	780	3 611	3 772	5 848
1978..	(D)	72	381	18 308	415	4 922	1 735	10 626
Lime ----- farms, 1982..	3	3	35	527	123	200	159	315
1978..	4	4	44	430	137	182	76	241
acres on which used, 1982..	7	(D)	89	11 706	1 565	2 373	596	4 420
1978..	24	31	475	8 337	905	2 258	741	4 076
tons, 1982..	7	(D)	237	21 463	1 851	5 023	687	10 130
1978..	45	51	1 072	20 265	1 319	4 544	1 823	10 959
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	3	5	27	610	135	228	56	207
1978..	5	8	58	615	117	224	50	249
acres on which used, 1982..	(D)	31	53	7 342	1 304	1 634	247	2 486
1978..	(D)	71	1 064	6 029	1 061	1 619	612	2 268
Nematodes in crops ----- farms, 1982..	-	-	14	21	6	-	-	8
1978..	-	1	10	45	27	-	-	9
acres on which used, 1982..	-	-	35	65	18	-	-	40
1978..	-	(D)	10	542	287	-	-	39
Diseases in crops and orchards ----- farms, 1982..	2	2	13	144	19	57	24	101
1978..	3	4	1	49	10	34	-	35
acres on which used, 1982..	(D)	(D)	51	1 342	139	349	75	383
1978..	6	6	(D)	625	210	174	-	554
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	4	11	42	378	58	72	139	231
1978..	7	6	90	614	35	226	61	403
acres on which used, 1982..	22	147	694	16 597	1 119	813	3 472	7 376
1978..	109	66	1 774	13 297	351	3 746	1 104	9 469
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	1	35	147	21	64	10	53
1978..	-	1	27	105	58	58	18	75
acres on which used, 1982..	-	(D)	106	2 429	349	206	(D)	383
1978..	-	(D)	201	708	389	292	91	876

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	1982							
	Scott	Shelby	Simpson	Spencer	Taylor	Todd	Trigg	Trimble
Commercial fertilizer ----- farms, 1982..	945	1 421	625	592	981	734	473	542
1978..	966	1 426	701	590	1 074	804	468	521
acres on which used, 1982..	19 016	56 834	80 561	15 939	37 067	93 338	47 177	9 958
1978..	16 454	50 178	82 402	21 063	34 185	93 209	43 794	10 179
Cropland fertilized, except pastureland ----- farms, 1982..	931	1 400	615	584	955	702	454	542
1978..	960	1 420	697	589	1 056	803	457	521
acres on which used, 1982..	15 009	49 163	78 325	13 187	30 605	87 474	42 070	9 049
1978..	13 260	43 718	76 598	19 422	25 329	85 233	40 139	9 396
Pastureland and rangeland fertilized ----- farms, 1982..	102	234	75	57	214	121	100	34
1978..	76	183	133	50	336	141	70	44
acres on which used, 1982..	4 007	7 671	2 236	2 752	6 462	5 864	5 107	909
1978..	3 194	6 460	5 804	1 641	8 856	7 976	3 655	783
Lime ----- farms, 1982..	371	501	178	196	272	156	105	236
1978..	308	450	244	138	389	242	78	117
acres on which used, 1982..	6 110	14 344	9 260	3 034	8 756	10 606	4 313	3 174
1978..	7 247	12 012	14 490	3 015	7 096	18 667	5 366	890
tons, 1982..	14 089	30 350	18 451	7 964	23 461	20 707	9 527	6 274
1978..	14 988	27 062	28 825	4 681	17 563	37 183	13 532	2 014
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	493	754	376	304	338	366	220	305
1978..	470	704	407	271	411	314	238	232
acres on which used, 1982..	6 894	20 191	19 960	6 046	7 902	20 376	12 376	4 948
1978..	8 350	17 216	22 179	6 889	6 061	28 144	17 125	2 867
Nematodes in crops ----- farms, 1982..	61	103	29	4	-	27	5	43
1978..	69	149	56	48	37	23	21	21
acres on which used, 1982..	887	3 674	1 605	242	-	1 840	25	938
1978..	546	3 624	3 750	515	1 013	2 821	1 368	56
Diseases in crops and orchards ----- farms, 1982..	191	282	55	83	91	39	25	71
1978..	22	51	19	18	5	15	3	19
acres on which used, 1982..	1 440	3 269	885	498	1 966	3 749	118	1 000
1978..	168	768	397	70	98	1 148	212	346
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	229	507	396	118	306	390	192	174
1978..	162	560	481	205	320	567	182	178
acres on which used, 1982..	6 965	33 384	59 610	5 660	13 810	73 684	36 316	4 097
1978..	4 559	22 109	55 887	11 891	8 847	66 314	29 284	7 821
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	136	217	85	59	44	65	11	68
1978..	147	186	35	47	84	33	46	54
acres on which used, 1982..	1 453	4 457	4 016	421	560	5 360	1 682	231
1978..	2 148	2 766	1 485	225	749	1 358	3 433	313

Chemicals used	1978							
	Union	Warren	Washington	Wayne	Webster	Whitley	Wolfe	Woodford
Commercial fertilizer ----- farms, 1982..	346	1 609	1 013	866	472	280	433	636
1978..	404	1 750	1 062	993	544	295	463	660
acres on which used, 1982..	108 783	81 137	20 883	28 723	69 039	4 202	6 860	25 964
1978..	113 965	76 920	22 289	29 635	84 538	3 595	3 062	20 175
Cropland fertilized, except pastureland ----- farms, 1982..	343	1 493	980	814	457	274	433	622
1978..	390	1 707	1 062	981	535	277	462	657
acres on which used, 1982..	103 514	64 734	16 254	19 621	65 502	3 629	5 910	16 528
1978..	101 360	65 941	17 109	19 743	80 898	2 438	2 428	14 246
Pastureland and rangeland fertilized ----- farms, 1982..	79	430	123	293	66	50	66	106
1978..	127	306	174	264	75	71	38	70
acres on which used, 1982..	5 269	16 403	4 629	9 102	3 537	573	950	9 436
1978..	12 605	10 979	5 180	9 892	3 640	1 157	634	5 929
Lime ----- farms, 1982..	76	380	308	132	92	54	88	303
1978..	116	519	320	213	147	69	37	282
acres on which used, 1982..	8 889	14 817	4 523	2 295	5 847	455	487	7 996
1978..	7 000	17 965	6 774	4 712	7 206	739	479	7 147
tons, 1982..	19 181	32 184	10 694	5 700	12 069	703	906	13 018
1978..	14 481	43 334	17 798	12 403	16 641	1 663	1 180	13 760
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	154	919	476	382	155	60	54	399
1978..	230	909	380	421	161	46	77	413
acres on which used, 1982..	26 878	14 427	9 005	6 113	12 288	187	696	8 958
1978..	53 469	27 432	4 805	7 042	16 348	388	224	6 545
Nematodes in crops ----- farms, 1982..	12	71	24	1	13	7	-	45
1978..	12	61	6	20	18	1	7	40
acres on which used, 1982..	1 863	325	595	(D)	252	35	-	913
1978..	4 442	1 837	520	490	2 568	(D)	7	687
Diseases in crops and orchards ----- farms, 1982..	6	191	99	73	20	33	55	157
1978..	7	45	44	34	11	10	15	30
acres on which used, 1982..	568	795	712	149	1 865	216	368	2 198
1978..	1 708	1 506	966	633	1 221	20	19	1 510
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	253	718	193	283	280	120	95	184
1978..	331	754	290	288	423	68	32	150
acres on which used, 1982..	96 509	53 612	7 705	11 622	57 672	1 620	4 595	8 216
1978..	77 819	36 827	7 861	10 763	71 543	694	277	4 160
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	5	98	49	52	31	-	36	90
1978..	13	103	107	68	13	4	17	113
acres on which used, 1982..	381	582	505	1 291	807	-	289	2 344
1978..	2 672	1 468	736	1 270	926	40	17	1 130