

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

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

Chemicals used	Kentucky							
	Kentucky	Adair	Allen	Anderson	Ballard	Barren	Bath	
Commercial fertilizer ----- farms, 1987..	78 261	1 354	925	592	391	1 969	795	
	84 261	1 395	991	691	464	2 207	886	
	acres on which used, 1987..	3 353 333	39 779	29 557	11 168	46 126	73 334	18 583
	1982..	3 583 272	36 149	32 167	11 594	51 910	76 240	14 921
Cropland fertilized, except pastureland ----- farms, 1987..	74 826	1 320	857	589	369	1 897	760	
	81 835	1 346	952	677	463	2 135	886	
	acres on which used, 1987..	2 731 404	29 642	18 989	9 185	43 584	47 626	11 248
	1982..	3 125 036	25 192	24 209	7 560	51 172	58 007	13 524
Pastureland and rangeland fertilized ----- farms, 1987..	14 841	216	301	69	56	541	117	
	12 959	334	213	88	25	511	60	
	acres on which used, 1987..	621 929	10 137	10 568	1 983	2 542	25 708	7 335
	1982..	458 236	10 957	7 958	4 034	738	18 233	1 397
Lime ----- farms, 1987..	21 123	249	247	106	111	475	212	
	24 336	382	251	266	110	563	230	
	acres on which used, 1987..	572 966	5 275	5 695	1 921	6 552	13 872	4 199
	1982..	580 072	6 729	5 606	3 520	5 547	13 624	3 237
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987..	1 227 948	9 947	9 999	3 571	13 564	30 321	8 586
	1982..	1 195 724	15 472	11 940	7 275	12 467	29 951	5 964
	Insects on hay and other crops ----- farms, 1987..	33 978	494	485	305	195	1 026	365
		31 991	411	492	307	274	1 243	144
acres on which used, 1987..		683 276	9 388	5 651	3 280	6 349	12 531	4 822
1982..		794 855	6 580	7 600	3 810	7 776	17 923	2 573
Nematodes in crops ----- farms, 1987..	2 071	20	25	34	9	43	25	
	2 316	23	16	28	45	11	26	
	acres on which used, 1987..	39 919	159	198	199	197	911	438
	1982..	74 825	399	199	380	3 672	174	639
Diseases in crops and orchards ----- farms, 1987..	5 989	86	61	132	18	138	97	
	9 420	107	83	62	30	274	104	
	acres on which used, 1987..	59 518	393	234	509	(D)	677	688
	1982..	103 144	779	226	473	2 935	2 367	925
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	26 531	343	271	119	264	577	264	
	27 052	260	237	176	303	653	141	
	acres on which used, 1987..	2 051 639	9 883	6 698	2 147	48 618	22 252	9 070
	1982..	2 367 734	8 063	11 401	3 439	61 244	26 125	3 971
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	5 310	139	29	36	14	58	55	
	7 058	73	49	71	59	154	58	
	acres on which used, 1987..	68 909	759	158	86	2 122	325	309
	1982..	127 118	2 389	137	717	2 089	1 701	801

Chemicals used	Kentucky							
	Bell	Boone	Bourbon	Boyd	Boyle	Bracken	Breathitt	
Commercial fertilizer ----- farms, 1987..	28	658	922	106	652	642	271	
	31	745	951	119	687	681	275	
	acres on which used, 1987..	339	9 131	34 584	1 497	15 489	10 785	1 067
	1982..	295	12 521	36 280	2 790	15 120	7 625	2 401
Cropland fertilized, except pastureland ----- farms, 1987..	24	657	876	87	627	636	271	
	27	738	948	110	678	673	273	
	acres on which used, 1987..	242	8 268	24 892	1 297	11 796	8 354	(D)
	1982..	206	11 739	29 572	2 282	11 846	6 900	1 593
Pastureland and rangeland fertilized ----- farms, 1987..	8	41	135	33	92	69	2	
	7	59	75	23	67	28	29	
	acres on which used, 1987..	97	863	9 692	200	3 693	2 431	(D)
	1982..	89	782	6 708	508	3 274	725	808
Lime ----- farms, 1987..	6	223	413	14	167	254	33	
	10	242	396	33	197	301	36	
	acres on which used, 1987..	55	3 075	15 317	294	3 074	2 935	159
	1982..	50	4 119	11 292	359	3 991	2 134	111
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987..	128	5 914	36 795	868	8 024	4 894	277
	1982..	111	7 611	27 513	792	10 121	3 909	395
	Insects on hay and other crops ----- farms, 1987..	11	238	570	20	280	436	33
		9	158	447	15	288	246	33
acres on which used, 1987..		120	4 029	13 787	418	4 912	4 312	68
1982..		38	3 187	15 215	107	5 487	3 681	247
Nematodes in crops ----- farms, 1987..	-	16	61	6	22	40	1	
	1	34	38	-	20	67	-	
	acres on which used, 1987..	-	92	1 096	30	923	190	(D)
	1982..	(D)	1 059	1 243	-	1 176	628	-
Diseases in crops and orchards ----- farms, 1987..	-	63	121	6	52	68	38	
	4	62	190	5	147	73	24	
	acres on which used, 1987..	-	513	1 325	30	1 094	651	86
	1982..	(D)	1 084	2 693	41	920	726	65
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	14	136	323	21	240	148	106	
	12	171	333	36	216	200	60	
	acres on which used, 1987..	197	4 678	17 614	210	10 779	3 070	643
	1982..	57	5 730	18 904	1 292	8 767	2 613	927
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	2	42	113	6	54	117	32	
	-	68	116	-	103	90	10	
	acres on which used, 1987..	(D)	201	1 207	30	485	1 339	66
	1982..	-	378	1 642	-	1 552	623	22

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Breckinridge	Bullitt	Butler	Caldwell	Calloway	Campbell	Carlisle
	Commercial fertilizer ----- farms, 1987..	1 325	366	484	425	666	328
1982..	1 370	494	498	503	858	315	384
acres on which used, 1987..	71 484	12 519	35 662	40 115	73 490	4 084	35 990
1982..	92 419	10 670	41 441	49 921	101 188	3 907	40 612
Cropland fertilized, except pastureland ----- farms, 1987..	1 270	374	442	383	640	293	275
1982..	1 303	464	473	492	841	296	375
acres on which used, 1987..	51 285	10 388	31 088	33 922	71 453	3 125	34 455
1982..	72 209	10 082	39 282	46 130	97 849	3 696	39 811
Pastureland and rangeland fertilized ----- farms, 1987..	366	77	159	87	70	56	33
1982..	336	62	59	98	104	37	37
acres on which used, 1987..	20 199	2 131	4 574	6 193	2 037	959	1 535
1982..	20 210	588	2 159	3 791	3 339	211	801
Lime ----- farms, 1987..	413	115	144	97	171	94	99
1982..	518	111	111	116	219	119	137
acres on which used, 1987..	11 845	3 388	6 223	5 418	9 228	1 025	4 322
1982..	11 284	1 199	5 181	3 513	16 652	1 193	5 913
tons, 1987..	28 039	9 003	15 465	11 342	16 345	1 532	8 888
1982..	23 268	3 162	11 658	7 412	26 426	1 726	9 468
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987..	771	147	135	106	338	100	131
1982..	647	185	189	190	483	119	152
acres on which used, 1987..	13 006	2 477	6 740	2 703	10 919	535	12 267
1982..	15 230	2 025	9 910	5 957	19 280	950	6 449
Nematodes in crops ----- farms, 1987..	24	2	1	11	16	10	14
1982..	53	12	-	11	19	6	12
acres on which used, 1987..	745	(D)	(D)	735	2 267	59	1 556
1982..	596	96	-	120	1 296	12	312
Diseases in crops and orchards ----- farms, 1987..	110	12	28	4	60	45	28
1982..	198	56	34	31	36	63	21
acres on which used, 1987..	744	86	695	475	562	81	1 615
1982..	2 539	133	536	511	805	346	3 507
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	525	92	221	238	451	64	217
1982..	568	133	281	293	613	81	253
acres on which used, 1987..	24 814	7 497	28 598	30 874	64 821	756	34 214
1982..	48 922	7 351	35 207	44 638	78 618	1 230	38 297
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	67	15	26	22	86	25	17
1982..	104	30	1	40	64	40	26
acres on which used, 1987..	3 075	522	147	702	5 501	48	359
1982..	2 239	103	(D)	1 498	4 467	644	416

Chemicals used	Carroll	Carter	Casey	Christian	Clark	Clay	Clinton
	Commercial fertilizer ----- farms, 1987..	347	911	1 453	1 016	757	504
1982..	374	886	1 405	1 285	881	506	632
acres on which used, 1987..	7 614	15 463	43 324	123 516	14 614	3 838	12 515
1982..	7 448	7 570	38 234	152 695	16 284	3 988	12 558
Cropland fertilized, except pastureland ----- farms, 1987..	347	853	1 410	953	737	497	679
1982..	374	858	1 391	1 232	874	502	619
acres on which used, 1987..	6 839	8 014	31 516	113 749	10 780	3 480	7 033
1982..	6 588	5 708	27 830	146 409	13 228	2 968	8 063
Pastureland and rangeland fertilized ----- farms, 1987..	32	196	313	173	81	23	170
1982..	22	97	282	159	66	53	169
acres on which used, 1987..	775	7 449	11 808	9 767	3 834	358	5 482
1982..	860	1 862	10 404	6 286	3 056	1 020	4 495
Lime ----- farms, 1987..	77	123	278	327	228	118	119
1982..	147	251	371	335	320	113	109
acres on which used, 1987..	631	1 970	8 887	13 977	6 264	1 517	1 462
1982..	1 082	2 673	7 677	15 736	7 772	601	1 180
tons, 1987..	1 387	4 467	18 055	29 545	13 460	4 434	3 345
1982..	911	5 614	15 710	32 907	16 520	1 951	2 291
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987..	209	172	485	586	334	70	290
1982..	119	120	217	669	321	27	155
acres on which used, 1987..	2 300	926	6 784	23 883	4 658	459	1 529
1982..	2 614	1 079	3 817	34 588	4 252	38	553
Nematodes in crops ----- farms, 1987..	10	2	9	54	9	-	-
1982..	24	2	11	41	10	-	5
acres on which used, 1987..	395	(D)	169	1 278	222	-	-
1982..	553	(D)	239	3 547	211	-	150
Diseases in crops and orchards ----- farms, 1987..	31	107	125	109	86	54	23
1982..	56	103	128	56	122	32	39
acres on which used, 1987..	183	483	1 091	2 102	957	335	121
1982..	268	381	1 148	1 154	1 310	69	111
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	111	202	380	620	219	83	140
1982..	126	131	378	761	131	47	108
acres on which used, 1987..	7 256	3 108	13 030	101 358	4 824	1 657	2 629
1982..	3 846	1 454	12 383	137 973	5 022	1 051	1 604
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	35	50	103	46	60	52	24
1982..	34	79	103	109	73	22	15
acres on which used, 1987..	186	77	497	2 993	584	687	63
1982..	207	213	885	6 356	316	140	57

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Chemicals used	County							
	Crittenden	Cumberland	Daviess	Edmonson	Elliott	Estill	Fayette	
Commercial fertilizer ----- farms, 1987..	324	581	1 117	621	512	383	655	
	368	578	1 320	620	551	431	746	
	26 025	8 962	130 342	17 676	4 635	4 701	24 449	
	36 813	11 256	136 613	20 592	3 686	5 238	24 936	
Cropland fertilized, except pastureland ----- farms, 1987..	261	554	1 083	590	500	376	603	
	352	565	1 287	560	551	431	717	
	20 322	5 496	124 497	12 784	3 214	3 858	14 653	
	34 481	9 796	132 757	15 558	2 726	4 331	17 981	
Pastureland and rangeland fertilized ----- farms, 1987..	120	111	148	153	63	49	105	
	69	70	116	192	55	41	118	
	5 703	3 466	5 845	4 892	1 421	843	9 796	
	2 332	1 460	3 856	5 034	960	907	6 955	
Lime ----- farms, 1987..	86	144	386	148	72	77	253	
	87	51	408	114	143	149	314	
	3 407	1 998	21 317	2 815	1 600	583	8 217	
	2 736	1 115	18 957	3 635	1 093	1 837	10 489	
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops ----- farms, 1987..	6 512	4 189	42 116	6 802	2 341	1 537	15 242	
	5 822	3 396	35 584	9 293	2 332	3 761	18 634	
	38	290	498	326	33	133	330	
	72	248	640	342	71	102	423	
Nematodes in crops ----- farms, 1987..	2 381	1 930	29 458	2 700	90	1 212	8 155	
	4 674	1 956	33 765	2 908	519	317	9 552	
	20	4	18	2	-	3	29	
	-	30	1 306	(D)	-	68	53	
Diseases in crops and orchards ----- farms, 1987..	663	44	5 167	178	-	-	1 328	
	20	56	65	16	36	35	99	
	32	105	218	56	40	45	151	
	(D)	154	1 757	328	51	212	1 370	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	895	425	8 017	140	88	192	2 122	
	161	164	684	160	77	116	244	
	227	153	877	201	28	88	250	
	18 345	3 165	123 671	4 446	1 914	2 642	13 805	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	29 254	4 800	129 506	8 909	320	1 773	15 577	
	8	26	95	18	45	33	48	
	17	56	132	6	20	29	100	
	819	196	2 224	1 082	283	98	971	
Chemicals used	1 490	587	1 673	300	86	95	1 405	
	Fleming							
	Floyd							
	Franklin							
Commercial fertilizer ----- farms, 1987..	Fulton							
	Gallatin							
	Garrard							
	Grant							
Commercial fertilizer ----- farms, 1987..	1 189	55	641	126	311	907	837	
	1 178	59	662	151	302	926	1 044	
	35 446	458	8 155	39 304	8 115	22 128	12 277	
	31 389	650	8 950	44 464	5 017	16 235	10 877	
Cropland fertilized, except pastureland ----- farms, 1987..	1 161	49	623	119	303	888	823	
	1 167	59	662	151	297	909	1 038	
	26 162	368	5 511	38 982	7 544	13 891	8 193	
	26 178	561	6 949	44 292	4 177	13 294	7 921	
Pastureland and rangeland fertilized ----- farms, 1987..	171	11	77	14	30	191	133	
	166	4	50	4	27	106	86	
	9 284	90	2 644	322	571	8 237	4 084	
	5 211	89	2 001	172	840	2 941	2 956	
Lime ----- farms, 1987..	396	9	207	44	104	309	286	
	451	4	221	41	103	318	399	
	8 732	72	2 173	3 371	1 315	7 449	2 624	
	8 330	12	2 462	2 443	780	7 536	3 315	
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops ----- farms, 1987..	20 153	67	5 177	6 460	2 849	15 577	4 338	
	19 003	32	4 792	4 783	1 365	14 266	5 402	
	619	10	331	19	174	482	338	
	290	14	274	51	159	394	271	
Nematodes in crops ----- farms, 1987..	12 350	62	2 752	11 420	2 700	5 760	3 393	
	4 898	37	4 743	7 750	2 906	4 589	1 942	
	47	-	40	1	2	30	15	
	62	-	15	5	8	13	20	
Diseases in crops and orchards ----- farms, 1987..	841	-	179	(D)	(D)	216	82	
	976	-	873	140	100	271	40	
	118	8	67	3	62	78	61	
	155	11	110	6	20	63	84	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	1 198	18	407	(D)	377	813	248	
	1 017	13	552	700	197	282	300	
	460	29	206	110	98	168	208	
	371	38	133	160	83	184	172	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	16 555	338	4 083	58 037	2 394	4 132	2 679	
	12 840	356	4 121	64 104	3 083	2 531	1 583	
	107	-	75	8	34	63	52	
	123	3	48	10	54	87	94	
Chemicals used	909	-	426	444	157	685	164	
	1 100	6	948	3 695	598	829	598	

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—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, 1987..	960	1 266	1 176	704	466	1 518		17
	1 215	1 349	1 240	630	437	1 535		10
	98 186	51 182	31 201	10 954	19 602	74 083		228
	136 960	45 382	29 592	4 707	14 735	81 634		245
Cropland fertilized, except pastureland ----- farms, 1987..	905	1 126	1 148	687	446	1 435		17
	1 209	1 302	1 203	625	429	1 465		10
	93 944	34 350	20 569	7 818	17 640	57 169		(D)
	135 350	37 852	20 644	4 151	14 227	67 864		(D)
Pastureland and rangeland fertilized ----- farms, 1987..	113	419	282	85	68	414		2
	64	232	263	49	30	357		1
	4 242	16 832	10 632	3 136	1 982	16 894		(D)
	1 610	7 530	8 948	556	508	13 770		(D)
Lime ----- farms, 1987..	351	306	240	90	144	421		3
	336	299	290	183	143	327		3
	17 870	7 567	3 021	530	1 966	14 491		60
	22 350	5 570	4 080	1 058	2 063	9 889		(D)
tons, 1987..	37 549	19 222	7 030	1 475	3 473	32 126		41
	45 333	14 193	9 647	2 109	4 332	23 478		36
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops ----- farms, 1987..	367	568	494	127	240	776		6
	546	575	564	78	163	776		6
	14 376	5 748	8 163	632	3 359	14 770		26
	26 934	10 724	7 145	736	2 408	21 386		23
Nematodes in crops ----- farms, 1987..	16	29	38	-	1	51		-
	54	27	18	-	-	35		-
	58	401	221	-	(D)	948		-
	4 253	198	135	-	-	1 139		-
Diseases in crops and orchards ----- farms, 1987..	54	53	46	78	9	112		1
	57	154	142	36	49	193		1
	1 157	179	679	449	(D)	718		(D)
	3 147	520	1 293	277	78	831		(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	522	455	300	174	203	589		5
	831	528	272	83	185	539		3
	71 716	26 480	7 852	2 866	15 351	32 057		32
	112 232	19 785	9 347	3 605	11 760	48 023		(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	78	27	72	34	27	52		-
	113	63	118	45	52	130		1
	1 736	636	297	63	42	1 024		-
	6 130	1 411	1 073	149	617	2 250		(D)

Chemicals used	County							
	Harrison	Hart	Henderson	Henry	Hickman	Hopkins	Jackson	Jefferson
Commercial fertilizer ----- farms, 1987..	976	1 386	472	965	238	431	741	329
	1 115	1 445	468	1 008	226	512	854	407
	20 685	37 269	80 311	31 789	53 577	51 020	11 348	9 831
	20 930	32 576	88 879	24 113	62 262	66 470	13 755	13 326
Cropland fertilized, except pastureland ----- farms, 1987..	950	1 349	424	942	220	375	734	285
	1 094	1 407	468	1 007	226	486	837	396
	14 271	24 891	76 763	20 626	51 792	47 152	6 978	8 581
	17 150	25 335	86 293	21 253	61 446	64 164	7 028	12 124
Pastureland and rangeland fertilized ----- farms, 1987..	197	349	86	189	36	112	128	73
	91	297	42	76	22	89	172	66
	6 414	12 378	3 548	11 163	1 785	3 868	4 370	1 250
	3 760	7 241	2 586	2 860	816	2 306	6 727	1 202
Lime ----- farms, 1987..	392	427	144	336	97	148	145	114
	441	555	102	353	115	163	288	126
	6 718	7 625	10 412	6 965	5 614	8 208	1 474	2 908
	5 150	9 557	8 725	6 147	8 725	4 895	4 633	2 256
tons, 1987..	15 558	18 133	22 951	16 948	10 691	19 231	3 370	4 188
	10 245	19 195	19 349	16 179	16 839	12 301	6 917	5 064
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops ----- farms, 1987..	550	915	186	550	53	136	154	107
	521	825	133	512	56	137	120	219
	6 211	13 746	18 453	9 631	8 780	7 783	1 426	2 174
	6 463	12 349	24 350	7 795	15 163	13 659	396	2 954
Nematodes in crops ----- farms, 1987..	77	36	10	82	7	3	4	13
	46	46	27	29	18	13	-	13
	368	262	790	1 109	42	97	4	300
	1 145	993	3 837	514	847	(D)	-	488
Diseases in crops and orchards ----- farms, 1987..	112	112	7	87	5	1	53	24
	200	198	27	124	13	28	89	40
	591	605	575	1 081	851	(D)	119	347
	2 018	2 269	2 344	988	2 399	122	250	233
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	319	466	347	326	171	249	95	106
	209	415	339	267	219	299	79	151
	7 184	10 836	102 073	12 385	43 758	47 338	2 056	3 880
	6 537	13 455	106 087	7 255	64 749	69 782	912	12 957
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	84	102	32	152	10	11	65	4
	197	118	68	115	28	12	38	28
	980	360	676	1 392	228	(D)	126	27
	1 978	468	8 129	995	4 019	(D)	85	673

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Jessamine	Johnson	Kenton	Knott	Knox	Larue	Laurel	Lawrence
Commercial fertilizer ----- farms, 1987..	727	174	414	18	309	853	1 168	294
1982..	763	174	463	11	346	887	1 174	307
acres on which used, 1987..	10 625	787	4 761	130	3 314	42 327	19 968	3 955
1982..	11 711	912	4 785	48	3 233	41 734	16 086	1 964
Cropland fertilized, except pastureland ----- farms, 1987..	708	163	414	15	261	811	1 131	277
1982..	744	158	453	11	340	855	1 160	301
acres on which used, 1987..	7 895	611	4 666	65	1 621	32 513	11 727	1 259
1982..	9 918	647	2 969	48	2 883	34 419	11 057	1 834
Pastureland and rangeland fertilized ----- farms, 1987..	100	20	7	4	63	261	236	33
1982..	106	16	21	-	25	268	218	21
acres on which used, 1987..	2 730	176	95	65	1 693	9 814	8 241	2 696
1982..	1 793	265	1 816	-	350	7 315	5 029	130
Lime ----- farms, 1987..	236	50	140	3	26	225	282	51
1982..	331	35	123	-	70	259	233	75
acres on which used, 1987..	3 771	251	1 780	20	360	7 375	4 136	359
1982..	4 639	350	884	-	1 119	5 727	3 400	651
tons, 1987..	8 267	260	3 916	66	685	16 570	9 040	922
1982..	9 132	1 007	1 949	-	1 024	13 637	6 249	754
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	454	26	162	4	45	419	311	63
1982..	348	-	117	6	49	447	213	33
acres on which used, 1987..	6 534	128	1 032	(D)	383	9 382	2 981	463
1982..	3 996	-	837	20	265	7 675	735	206
Nematodes in crops ----- farms, 1987..	30	8	1	-	-	36	11	-
1982..	16	-	9	-	6	25	35	10
acres on which used, 1987..	273	16	(D)	-	-	326	66	-
1982..	79	-	85	-	18	769	94	28
Diseases in crops and orchards ----- farms, 1987..	112	34	18	1	15	80	48	10
1982..	129	35	19	2	28	81	219	30
acres on which used, 1987..	721	121	104	(D)	32	571	1 200	12
1982..	1 110	73	58	(D)	116	1 479	786	78
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	229	43	74	9	52	318	223	59
1982..	134	32	60	5	94	342	132	28
acres on which used, 1987..	8 616	130	2 355	65	1 013	20 973	4 232	1 584
1982..	3 326	201	522	27	792	21 272	1 716	560
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	65	1	23	-	2	72	41	24
1982..	58	-	13	-	33	45	99	9
acres on which used, 1987..	1 435	(D)	62	-	(D)	628	352	49
1982..	619	-	23	-	93	1 358	562	9
Chemicals used								
	Lee	Leslie	Letcher	Lewis	Lincoln	Livingston	Logan	Lyon
Commercial fertilizer ----- farms, 1987..	210	23	23	858	1 334	185	1 118	167
1982..	161	39	31	877	1 376	227	1 295	243
acres on which used, 1987..	1 625	121	191	17 965	37 937	23 418	115 870	11 255
1982..	1 348	184	201	16 833	36 584	40 908	129 548	14 659
Cropland fertilized, except pastureland ----- farms, 1987..	197	23	19	835	1 300	152	1 020	147
1982..	161	39	28	866	1 347	195	1 241	224
acres on which used, 1987..	1 114	(D)	106	14 405	28 131	18 555	105 455	8 880
1982..	907	184	139	13 688	28 448	35 025	121 439	11 212
Pastureland and rangeland fertilized ----- farms, 1987..	21	1	8	156	272	69	263	38
1982..	9	-	8	150	265	62	201	46
acres on which used, 1987..	511	(D)	85	3 560	9 806	4 863	10 415	2 375
1982..	441	-	62	3 145	8 136	5 883	8 109	3 447
Lime ----- farms, 1987..	9	2	6	139	324	57	327	38
1982..	25	3	5	216	304	60	397	39
acres on which used, 1987..	(D)	(D)	44	1 658	8 017	2 258	16 865	2 280
1982..	1 121	4	39	5 248	4 723	3 088	17 305	371
tons, 1987..	(D)	(D)	116	4 357	18 408	5 595	31 679	4 753
1982..	1 648	6	52	9 325	10 436	7 277	33 390	1 054
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	21	10	6	257	437	32	563	68
1982..	23	6	10	88	452	38	755	116
acres on which used, 1987..	89	18	41	4 263	7 900	670	26 204	1 552
1982..	58	17	35	2 042	7 569	4 493	30 444	5 809
Nematodes in crops ----- farms, 1987..	-	1	1	9	21	-	29	6
1982..	-	-	-	15	29	7	32	-
acres on which used, 1987..	-	(D)	(D)	20	781	-	1 259	18
1982..	-	-	-	414	470	876	1 130	-
Diseases in crops and orchards ----- farms, 1987..	7	2	3	86	82	19	54	8
1982..	14	2	4	79	150	3	115	28
acres on which used, 1987..	7	(D)	3	334	501	76	3 340	140
1982..	20	(D)	9	324	950	(D)	703	199
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	15	5	11	252	505	121	583	88
1982..	35	7	13	193	327	121	791	110
acres on which used, 1987..	62	43	66	6 011	14 588	16 762	82 993	7 204
1982..	151	76	82	3 084	12 144	31 855	99 791	12 751
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	20	2	1	110	107	2	46	8
1982..	-	3	1	118	126	1	85	13
acres on which used, 1987..	20	(D)	(D)	516	621	(D)	1 501	82
1982..	-	10	(D)	1 053	1 103	(D)	5 269	135

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

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

Chemicals used	County								
	McCracken	McCreary	McLean	Madison	Magoffin	Marion	Marshall	Martin	
Commercial fertilizer ----- farms, 1987..	346	70	441	1 355	428	1 073	384	17	
	1982..	384	71	546	1 443	1 041	502	10	
	acres on which used, 1987..	44 842	1 632	69 139	25 067	1 764	47 530	25 009	417
	1982..	30 032	536	71 498	19 601	2 642	34 542	39 236	183
Cropland fertilized, except pastureland ----- farms, 1987..	326	61	441	1 291	428	1 042	320	15	
	1982..	369	66	536	1 422	438	1 026	406	9
	acres on which used, 1987..	43 419	568	66 909	15 203	1 564	31 426	20 319	389
	1982..	28 901	403	70 141	15 490	2 312	30 122	34 319	100
Pastureland and rangeland fertilized ----- farms, 1987..	59	17	38	225	5	252	107	3	
	1982..	37	13	24	138	24	141	5	
	acres on which used, 1987..	1 423	1 064	2 230	9 864	200	16 104	4 690	28
	1982..	1 131	133	1 357	4 111	330	4 420	4 917	83
Lime ----- farms, 1987..	104	15	153	321	83	268	81	1	
	1982..	150	6	170	329	135	175	66	
	acres on which used, 1987..	4 040	104	10 436	6 765	429	6 309	3 125	(D)
	1982..	4 276	205	7 330	9 205	607	3 293	4 092	(D)
Sprays, dusts, granules, fumigants, etc., to control—									
	acres on which used, 1987..	2 571	27	8 154	5 763	473	9 371	1 745	33
	1982..	8 053	64	21 576	6 097	99	4 667	7 488	(D)
Nematodes in crops ----- farms, 1987..	12	-	2	41	6	45	10	-	
	1982..	16	-	36	50	33	12	-	
	acres on which used, 1987..	1 785	-	(D)	490	66	669	219	-
	1982..	1 397	-	1 637	296	-	803	317	-
Diseases in crops and orchards ----- farms, 1987..	20	1	9	94	51	63	21	-	
	1982..	8	2	51	210	37	154	13	
	acres on which used, 1987..	510	(D)	15	899	142	338	148	
	1982..	(D)	(D)	765	1 567	100	654	55	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	232	15	344	369	74	255	210	5	
	1982..	208	14	410	241	61	294	249	3
	acres on which used, 1987..	44 105	365	57 951	8 277	3 614	13 701	18 792	(D)
	1982..	28 740	135	65 968	5 687	526	18 588	28 691	(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	35	2	23	92	51	43	31	1	
	1982..	13	-	34	83	50	71	15	
	acres on which used, 1987..	448	(D)	945	369	86	1 068	47	(D)
	1982..	570	-	807	514	134	640	121	-

Chemicals used	County								
	Mason	Meade	Menifee	Mercer	Metcalfe	Monroe	Montgomery	Morgan	
Commercial fertilizer ----- farms, 1987..	815	663	379	875	1 036	930	712	767	
	1982..	859	741	359	1 014	1 000	811	834	
	acres on which used, 1987..	20 708	35 995	3 797	28 887	32 134	38 499	15 658	9 350
	1982..	21 316	45 903	2 682	22 400	27 773	31 705	17 138	7 672
Cropland fertilized, except pastureland ----- farms, 1987..	800	601	363	825	978	861	703	758	
	1982..	859	704	359	944	981	796	780	
	acres on which used, 1987..	17 288	28 843	1 472	21 820	20 407	24 282	11 859	5 934
	1982..	17 690	38 325	2 043	18 000	22 845	18 019	15 708	5 168
Pastureland and rangeland fertilized ----- farms, 1987..	68	153	46	169	269	295	81	68	
	1982..	103	164	35	142	176	62	107	
	acres on which used, 1987..	3 420	7 152	2 325	7 067	11 727	14 217	3 799	3 416
	1982..	3 626	7 578	639	4 400	4 928	13 686	1 430	2 504
Lime ----- farms, 1987..	338	207	52	240	251	145	191	99	
	1982..	336	200	64	427	205	266	252	
	acres on which used, 1987..	5 990	5 462	564	6 355	4 348	3 528	5 083	3 036
	1982..	6 522	8 475	834	5 937	2 991	5 481	4 480	1 663
Sprays, dusts, granules, fumigants, etc., to control—									
	acres on which used, 1987..	8 465	3 780	291	8 387	8 403	5 080	3 736	615
	1982..	6 468	5 585	57	5 972	7 088	4 632	3 259	510
Nematodes in crops ----- farms, 1987..	19	9	-	50	21	20	6	-	
	1982..	28	25	-	6	20	12	36	
	acres on which used, 1987..	494	168	-	482	197	93	182	
	1982..	340	109	-	59	277	406	729	
Diseases in crops and orchards ----- farms, 1987..	111	48	8	79	73	40	61	31	
	1982..	125	66	30	62	159	101	165	
	acres on which used, 1987..	883	342	26	358	456	322	388	
	1982..	1 190	96	78	212	1 050	532	1 384	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	301	265	28	310	262	192	218	122	
	1982..	259	281	24	286	321	251	178	
	acres on which used, 1987..	13 077	21 527	154	12 009	5 958	7 931	6 272	
	1982..	7 693	24 871	137	11 698	9 291	7 255	6 223	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	104	45	14	82	56	40	77	76	
	1982..	170	66	21	96	98	114	158	
	acres on which used, 1987..	1 161	548	20	351	255	309	873	
	1982..	1 940	847	61	752	1 053	845	2 828	

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	County							
	Muhlenberg	Nelson	Nicholas	Ohio	Oldham	Owen	Owsley	Pendleton
Commercial fertilizer ----- farms, 1987..	484	1 135	633	870	322	883	341	782
1982..	544	1 055	655	878	391	1 037	360	853
acres on which used, 1987..	41 084	46 743	10 166	48 567	18 197	15 656	2 514	12 693
1982..	39 352	38 149	16 147	60 652	20 668	13 528	3 204	15 279
Cropland fertilized, except pastureland ----- farms, 1987..	460	1 073	621	830	295	836	341	759
1982..	529	1 013	647	829	358	1 021	360	835
acres on which used, 1987..	34 926	37 208	6 434	43 479	15 142	11 258	2 478	11 264
1982..	35 207	31 753	8 862	54 993	16 425	11 916	3 051	12 413
Pastureland and rangeland fertilized ----- farms, 1987..	145	227	52	142	89	156	9	73
1982..	104	192	54	145	63	78	11	85
acres on which used, 1987..	6 158	9 535	3 732	5 088	3 055	4 398	36	1 429
1982..	4 145	6 396	7 285	5 659	4 243	1 612	150	2 866
Lime ----- farms, 1987..	151	244	224	247	120	351	48	216
1982..	111	368	179	279	136	380	58	338
acres on which used, 1987..	6 994	8 410	3 579	6 427	3 561	4 240	199	1 483
1982..	5 437	8 658	4 205	8 908	3 598	3 269	456	3 905
tons, 1987..	11 217	18 298	7 916	14 626	7 034	8 350	408	3 249
1982..	11 047	20 006	9 317	16 967	6 611	6 314	930	6 265
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1987..	216	399	264	455	213	435	30	398
1982..	206	475	196	408	176	503	11	268
acres on which used, 1987..	4 958	9 256	3 606	8 905	5 089	4 617	119	4 124
1982..	7 628	6 670	2 755	11 885	5 470	5 841	41	4 009
Nematodes in crops ----- farms, 1987..	13	36	14	16	21	26	-	48
1982..	18	18	2	19	42	105	-	42
acres on which used, 1987..	52	453	230	816	743	166	-	266
1982..	409	452	(D)	1 427	2 775	1 304	-	568
Diseases in crops and orchards ----- farms, 1987..	16	54	51	46	68	70	21	123
1982..	37	78	40	148	57	269	-	167
acres on which used, 1987..	444	269	498	169	497	409	53	593
1982..	463	846	859	2 707	172	1 394	-	1 218
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	231	422	113	303	178	230	90	217
1982..	279	329	103	459	162	350	22	275
acres on which used, 1987..	31 737	16 164	2 454	34 540	11 891	5 108	1 166	4 888
1982..	26 587	19 229	1 886	44 474	16 019	6 390	1 529	6 001
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	26	69	16	53	26	48	42	52
1982..	17	58	71	83	29	161	30	74
acres on which used, 1987..	160	436	87	258	161	270	62	325
1982..	401	1 208	660	1 322	520	776	58	432

Chemicals used	County							
	Perry	Pike	Powell	Pulaski	Robertson	Rockcastle	Rowan	Russell
Commercial fertilizer ----- farms, 1987..	29	22	257	1 971	300	775	448	991
1982..	24	23	327	2 093	280	858	489	1 074
acres on which used, 1987..	151	302	3 126	64 499	2 492	14 093	6 643	29 514
1982..	477	237	2 091	55 033	3 928	11 644	9 316	21 262
Cropland fertilized, except pastureland ----- farms, 1987..	27	20	234	1 904	300	740	429	984
1982..	23	23	320	1 948	280	835	470	1 040
acres on which used, 1987..	67	272	2 282	42 467	2 044	9 631	4 459	19 428
1982..	(D)	(D)	1 983	40 841	3 148	8 033	5 544	15 414
Pastureland and rangeland fertilized ----- farms, 1987..	5	3	40	539	20	112	76	255
1982..	2	1	22	511	8	162	105	192
acres on which used, 1987..	84	30	844	22 032	448	4 462	2 184	10 086
1982..	(D)	(D)	108	14 192	780	3 611	3 772	5 848
Lime ----- farms, 1987..	1	8	44	498	111	188	108	197
1982..	3	3	35	527	123	200	159	315
acres on which used, 1987..	(D)	31	746	14 270	868	3 220	1 421	4 811
1982..	7	(D)	89	11 706	1 565	2 373	596	4 420
tons, 1987..	(D)	93	1 379	32 978	1 932	8 217	2 541	11 010
1982..	7	(D)	237	21 463	1 851	5 023	687	10 130
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1987..	1	5	70	695	166	294	80	355
1982..	3	5	27	610	135	228	56	207
acres on which used, 1987..	(D)	66	610	6 558	2 169	2 732	429	2 899
1982..	(D)	31	53	7 342	1 304	1 634	247	2 486
Nematodes in crops ----- farms, 1987..	-	-	5	16	7	5	17	5
1982..	-	-	14	21	6	-	-	8
acres on which used, 1987..	-	-	30	452	73	193	17	176
1982..	-	-	35	65	18	-	-	40
Diseases in crops and orchards ----- farms, 1987..	1	1	37	87	31	33	39	85
1982..	2	2	13	144	19	57	24	101
acres on which used, 1987..	(D)	(D)	626	463	140	584	75	408
1982..	(D)	(D)	51	1 342	139	349	75	383
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	6	13	61	498	120	157	108	311
1982..	4	11	42	378	58	72	139	231
acres on which used, 1987..	(D)	170	885	15 901	2 141	2 825	2 255	7 835
1982..	22	147	694	16 597	1 119	813	3 472	7 376
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	-	3	23	84	27	42	9	75
1982..	-	1	35	147	21	64	10	53
acres on which used, 1987..	-	(D)	59	754	92	269	9	569
1982..	-	(D)	106	2 429	349	206	(D)	383

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Counties								
	Scott	Shelby	Simpson	Spencer	Taylor	Todd	Trigg	Trimble	
Commercial fertilizer ----- farms, 1987..	846	1 359	526	563	912	607	356	509	
	1982..	945	1 421	625	592	981	734	542	
	acres on which used, 1987..	19 501	48 358	72 365	19 924	37 015	83 167	33 395	10 242
	1982..	19 016	56 834	80 561	15 939	37 067	93 338	47 177	9 958
Cropland fertilized, except pastureland ----- farms, 1987..	811	1 329	496	562	847	594	332	500	
	1982..	931	1 400	615	584	955	702	542	
	acres on which used, 1987..	13 646	41 082	68 192	17 625	27 123	77 943	27 673	9 723
	1982..	15 009	49 163	78 325	13 187	30 605	87 474	42 070	9 049
Pastureland and rangeland fertilized ----- farms, 1987..	113	162	63	56	300	102	112	43	
	1982..	102	234	75	57	214	121	100	34
	acres on which used, 1987..	5 855	7 276	4 173	2 299	9 892	5 224	5 722	519
	1982..	4 007	7 671	2 236	2 752	6 462	5 864	5 107	909
Lime ----- farms, 1987..	364	366	85	215	261	183	66	159	
	1982..	371	501	178	196	272	156	105	236
	acres on which used, 1987..	7 030	10 638	5 993	10 412	5 938	9 891	3 178	2 480
	1982..	6 110	14 344	9 260	9 034	8 756	10 606	4 313	3 174
tons, 1987..	14 307	25 383	11 073	23 659	12 888	20 608	7 470	5 035	
1982..	14 089	30 350	18 451	7 964	23 461	20 707	9 527	6 274	
Sprays, dusts, granules, fumigants, etc., to control—									
	Insects on hay and other crops ----- farms, 1987..	509	773	267	323	432	331	225	266
	1982..	493	754	376	304	338	366	220	305
	acres on which used, 1987..	7 601	16 017	9 653	4 870	8 615	16 979	6 150	3 729
1982..	6 894	20 191	19 960	6 046	7 902	20 730	12 376	4 948	
Nematodes in crops ----- farms, 1987..	66	110	9	11	14	34	15	58	
	1982..	61	103	29	4	-	27	5	43
	acres on which used, 1987..	284	1 814	793	92	613	900	142	378
	1982..	887	3 674	1 605	242	-	1 840	25	938
Diseases in crops and orchards ----- farms, 1987..	102	98	38	33	59	16	8	14	
	1982..	191	282	55	83	91	39	25	71
	acres on which used, 1987..	845	1 925	802	541	1 004	831	795	233
	1982..	1 440	3 269	885	498	1 966	3 749	118	1 000
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	211	462	267	165	334	321	164	196	
	1982..	229	507	396	118	306	390	192	174
	acres on which used, 1987..	12 205	23 832	56 329	6 162	15 213	63 164	22 232	4 951
	1982..	6 965	33 364	59 610	5 660	13 810	73 684	36 316	4 097
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	52	155	65	51	43	45	21	21	
	1982..	136	217	85	59	44	65	11	68
	acres on which used, 1987..	1 083	2 206	2 190	421	744	2 614	425	176
	1982..	1 453	4 457	4 016	421	560	5 360	1 882	231
Chemicals used	Counties								
	Union	Warren	Washington	Wayne	Webster	Whitley	Wolfe	Woodford	
Commercial fertilizer ----- farms, 1987..	325	1 464	1 032	879	396	261	431	587	
	1982..	346	1 609	1 013	866	472	280	433	636
	acres on which used, 1987..	100 003	73 494	23 174	24 027	57 379	4 213	5 998	20 375
	1982..	108 783	81 137	20 883	28 723	69 039	4 202	6 860	25 964
Cropland fertilized, except pastureland ----- farms, 1987..	300	1 371	1 016	847	365	247	411	560	
	1982..	343	1 493	980	814	457	274	433	622
	acres on which used, 1987..	93 657	57 724	16 716	16 257	52 465	2 953	4 537	10 923
	1982..	103 514	64 734	16 254	19 621	65 502	3 629	5 910	16 528
Pastureland and rangeland fertilized ----- farms, 1987..	73	313	160	223	105	63	54	84	
	1982..	79	430	123	293	66	50	66	106
	acres on which used, 1987..	6 346	15 770	6 458	7 770	4 914	1 260	1 461	9 452
	1982..	5 269	16 403	4 629	9 102	3 537	573	950	9 436
Lime ----- farms, 1987..	92	311	240	250	131	47	68	273	
	1982..	76	380	308	132	92	54	88	303
	acres on which used, 1987..	6 632	8 013	3 638	3 320	11 141	879	1 827	6 969
	1982..	8 889	14 817	4 523	2 295	5 847	455	487	7 996
tons, 1987..	14 726	15 659	7 799	7 139	21 262	2 014	5 929	12 964	
1982..	19 181	32 184	10 694	5 700	12 069	703	906	13 018	
Sprays, dusts, granules, fumigants, etc., to control—									
	Insects on hay and other crops ----- farms, 1987..	115	861	497	323	81	66	116	385
	1982..	154	919	476	382	155	60	54	399
	acres on which used, 1987..	21 521	15 802	6 104	4 825	10 485	467	881	6 385
1982..	26 878	14 427	9 005	6 113	12 288	187	696	8 958	
Nematodes in crops ----- farms, 1987..	1	29	32	18	1	-	9	18	
	1982..	12	71	24	1	13	7	-	45
	acres on which used, 1987..	(D)	867	348	491	(D)	-	42	609
	1982..	1 863	325	595	(D)	252	35	-	913
Diseases in crops and orchards ----- farms, 1987..	12	106	98	45	13	8	45	64	
	1982..	6	191	99	73	20	33	55	157
	acres on which used, 1987..	510	703	490	303	302	36	100	705
	1982..	568	795	712	149	1 865	216	368	2 198
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	265	495	283	268	272	89	108	183	
	1982..	253	718	193	283	280	120	95	184
	acres on which used, 1987..	98 103	36 249	6 754	9 447	54 049	1 380	1 690	13 862
	1982..	96 509	53 612	7 705	11 622	57 672	1 620	4 595	8 216
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	18	71	50	34	9	6	34	57	
	1982..	5	98	49	52	31	-	36	90
	acres on which used, 1987..	1 077	866	357	165	760	6	93	664
	1982..	381	582	505	1 291	807	-	289	2 344