

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992

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

Chemicals used	West Virginia	Barbour	Berkeley	Boone	Braxton	Brooke	Cabell	Calhoun
	Commercial fertilizer farms, 1997..	8 983	196	258	12	150	31	186
..... 1992..	9 604	233	267	23	166	32	245	69
acres on which used, 1997..	322 827	5 364	16 153	91	4 201	709	2 078	2 155
..... 1992..	321 705	5 175	16 494	63	4 898	1 109	2 705	1 515
Cropland fertilized, except pastureland farms, 1997..	8 072	168	230	12	146	31	177	66
..... 1992..	8 867	192	250	21	165	29	237	62
acres on which used, 1997..	250 662	4 185	14 532	(D)	3 696	507	1 605	1 437
..... 1992..	261 051	4 072	15 391	38	3 441	650	2 599	1 100
Pastureland and rangeland fertilized..... farms, 1997..	2 616	47	62	2	26	5	18	20
..... 1992..	2 162	49	48	3	25	6	15	12
acres on which used, 1997..	72 165	1 179	1 621	(D)	505	202	473	718
..... 1992..	60 654	1 103	1 103	25	1 457	459	106	415
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	1 112	7	103	1	9	7	43	3
..... 1992..	4 025	77	214	9	43	22	121	18
acres on which used, 1997..	41 830	8	10 203	(D)	28	60	178	3
..... 1992..	73 878	107	13 145	(D)	1 668	312	1 079	228
Nematodes in crops farms, 1997..	162	1	10	—	4	—	12	—
..... 1992..	128	—	13	—	1	—	—	2
acres on which used, 1997..	3 849	(D)	470	—	8	—	22	—
..... 1992..	6 008	—	277	—	(D)	—	—	(D)
Diseases in crops and orchards..... farms, 1997..	570	1	55	2	9	2	41	—
..... 1992..	615	1	100	2	3	3	37	3
acres on which used, 1997..	11 142	(D)	5 358	(D)	28	(D)	50	—
..... 1992..	14 388	(D)	8 064	(D)	3	11	164	9
Weeds, grass, or brush in crops and pasture farms, 1997..	2 151	44	111	—	18	13	17	12
..... 1992..	2 462	21	170	3	14	19	53	17
acres on which used, 1997..	93 500	1 372	7 994	—	470	245	131	396
..... 1992..	98 351	389	12 312	10	444	385	1 042	613
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	255	—	37	—	—	—	7	—
..... 1992..	252	—	56	1	8	—	22	—
acres on which used, 1997..	5 645	—	2 794	—	—	—	7	—
..... 1992..	7 201	—	3 917	(D)	61	—	71	—
Chemicals used	Clay	Doddridge	Fayette	Gilmer	Grant	Greenbrier	Hampshire	Hancock
Commercial fertilizer farms, 1997..	55	112	134	107	179	349	330	38
..... 1992..	55	119	110	76	217	383	419	40
acres on which used, 1997..	1 372	2 140	3 355	3 236	5 934	20 040	15 553	1 079
..... 1992..	1 083	2 783	2 488	3 189	5 817	17 891	17 187	598
Cropland fertilized, except pastureland farms, 1997..	51	103	97	101	172	296	298	36
..... 1992..	50	108	92	76	187	336	374	40
acres on which used, 1997..	993	1 700	2 070	2 381	5 321	13 587	11 577	999
..... 1992..	742	2 238	1 844	2 832	5 073	12 434	12 869	(D)
Pastureland and rangeland fertilized..... farms, 1997..	20	18	65	30	15	147	117	5
..... 1992..	16	18	35	13	55	123	122	2
acres on which used, 1997..	379	440	1 285	855	613	6 453	3 976	80
..... 1992..	341	545	644	357	744	5 457	4 318	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	10	12	10	7	2	44	57	6
..... 1992..	18	89	20	68	145	234	113	36
acres on which used, 1997..	64	40	14	23	(D)	1 475	1 647	76
..... 1992..	154	362	209	1 028	1 778	3 108	3 193	633
Nematodes in crops farms, 1997..	1	4	—	6	22	3	1	—
..... 1992..	1	—	—	—	5	6	15	—
acres on which used, 1997..	(D)	32	—	6	1 048	124	(D)	—
..... 1992..	(D)	—	—	—	157	302	766	—
Diseases in crops and orchards..... farms, 1997..	2	11	6	6	2	16	40	3
..... 1992..	2	—	4	—	2	11	52	3
acres on which used, 1997..	(D)	96	10	6	(D)	993	723	4
..... 1992..	(D)	—	4	—	(D)	135	2 057	(D)
Weeds, grass, or brush in crops and pasture farms, 1997..	9	6	12	8	75	109	87	11
..... 1992..	10	4	22	32	35	113	128	17
acres on which used, 1997..	436	81	63	242	1 290	3 219	3 306	108
..... 1992..	152	62	127	770	537	3 861	2 539	221
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	—	2	4	—	2	27	1
..... 1992..	1	—	3	1	1	2	15	3
acres on which used, 1997..	—	—	(D)	60	—	(D)	519	(D)
..... 1992..	(D)	—	6	(D)	(D)	(D)	713	(D)

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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Chemicals used	Hardy	Harrison	Jackson	Jefferson	Kanawha	Lewis	Lincoln	Logan
	Commercial fertilizer farms, 1997..	160	211	409	206	54	169	170
..... farms, 1992..	207	250	371	238	56	152	192	10
acres on which used, 1997..	9 623	5 187	9 852	28 320	833	6 937	1 243	124
..... acres on which used, 1992..	11 500	5 172	8 955	27 859	845	4 074	4 215	(D)
Cropland fertilized, except pastureland farms, 1997..	144	188	358	180	37	137	160	6
..... farms, 1992..	178	209	333	201	54	145	184	10
acres on which used, 1997..	7 968	3 825	7 790	26 586	547	5 372	959	(D)
..... acres on which used, 1992..	9 956	3 798	7 136	24 807	598	3 199	2 249	(D)
Pastureland and rangeland fertilized..... farms, 1997..	38	56	100	50	25	64	23	1
..... farms, 1992..	46	57	84	52	9	36	43	1
acres on which used, 1997..	1 655	1 362	2 062	1 734	286	1 565	284	(D)
..... acres on which used, 1992..	1 544	1 374	1 819	3 052	247	875	1 966	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	28	13	43	54	6	13	28	4
..... farms, 1992..	192	54	120	160	20	77	79	9
acres on which used, 1997..	3 791	187	411	6 340	22	168	126	(D)
..... acres on which used, 1992..	5 726	337	388	12 116	100	733	635	56
Nematodes in crops farms, 1997..	14	—	7	7	—	5	15	1
..... farms, 1992..	15	—	—	7	—	1	—	—
acres on which used, 1997..	766	—	27	238	—	97	69	(D)
..... acres on which used, 1992..	480	—	—	1 654	—	(D)	—	—
Diseases in crops and orchards..... farms, 1997..	—	6	7	14	4	10	18	2
..... farms, 1992..	13	17	13	23	8	2	27	—
acres on which used, 1997..	—	18	27	1 577	12	38	97	(D)
..... acres on which used, 1992..	141	44	18	1 257	76	(D)	78	—
Weeds, grass, or brush in crops and pasture farms, 1997..	73	51	36	143	10	23	51	3
..... farms, 1992..	90	84	78	125	12	56	36	2
acres on which used, 1997..	5 393	1 919	356	24 671	132	877	327	(D)
..... acres on which used, 1992..	4 939	2 142	1 024	16 661	172	2 189	124	(D)
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	6	—	6	9	—	1	14	1
..... farms, 1992..	2	7	7	14	2	—	18	—
acres on which used, 1997..	112	—	18	592	—	(D)	46	(D)
..... acres on which used, 1992..	(D)	7	14	999	(D)	—	56	—

Chemicals used	McDowell	Marion	Marshall	Mason	Mercer	Mineral	Mingo	Monongalia
	Commercial fertilizer farms, 1997..	5	100	217	480	280	128	—
..... farms, 1992..	4	70	171	501	289	158	1	172
acres on which used, 1997..	166	1 533	4 160	18 168	6 067	4 600	—	5 323
..... acres on which used, 1992..	85	1 826	4 084	20 448	5 855	6 142	(D)	4 651
Cropland fertilized, except pastureland farms, 1997..	5	82	203	460	243	121	—	125
..... farms, 1992..	4	63	171	501	269	152	—	165
acres on which used, 1997..	(D)	1 084	3 596	15 086	4 390	3 808	—	4 278
..... acres on which used, 1992..	85	1 553	3 859	16 489	3 846	4 520	—	4 211
Pastureland and rangeland fertilized..... farms, 1997..	1	28	41	99	62	34	—	54
..... farms, 1992..	—	14	15	85	105	50	1	22
acres on which used, 1997..	(D)	449	564	3 082	1 677	792	—	1 045
..... acres on which used, 1992..	—	273	225	3 959	2 009	1 622	(D)	440
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	4	1	18	80	46	16	—	14
..... farms, 1992..	6	42	44	201	89	57	1	73
acres on which used, 1997..	(D)	(D)	59	2 366	468	708	—	183
..... acres on which used, 1992..	167	262	629	2 904	670	1 124	(D)	852
Nematodes in crops farms, 1997..	—	—	—	2	—	9	—	4
..... farms, 1992..	—	1	1	2	7	—	—	1
acres on which used, 1997..	—	—	—	(D)	—	216	—	12
..... acres on which used, 1992..	—	(D)	(D)	(D)	21	—	—	(D)
Diseases in crops and orchards..... farms, 1997..	3	—	26	34	45	3	—	6
..... farms, 1992..	3	1	12	34	22	2	—	9
acres on which used, 1997..	(D)	—	51	111	348	41	—	12
..... acres on which used, 1992..	73	(D)	23	69	23	(D)	—	84
Weeds, grass, or brush in crops and pasture farms, 1997..	1	6	55	82	43	37	—	35
..... farms, 1992..	3	52	46	84	69	30	—	34
acres on which used, 1997..	(D)	254	819	5 931	558	1 568	—	270
..... acres on which used, 1992..	74	1 130	781	6 230	644	1 129	—	1 282
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	—	6	20	8	—	—	10
..... farms, 1992..	—	1	—	22	1	—	—	—
acres on which used, 1997..	(D)	—	12	56	56	—	—	40
..... acres on which used, 1992..	—	(D)	—	159	(D)	—	—	—

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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Chemicals used	Monroe	Morgan	Nicholas	Ohio	Pendleton	Pleasants	Pocahontas	Preston
	Commercial fertilizer farms, 1997..	414	104	195	57	263	60	162
..... farms, 1992..	457	77	158	60	283	55	234	538
acres on which used, 1997..	18 561	5 042	4 971	2 707	9 224	1 515	9 148	21 300
..... farms, 1992..	25 683	2 933	4 331	1 827	10 514	1 550	8 529	20 555
Cropland fertilized, except pastureland farms, 1997..	405	94	168	55	223	55	148	522
..... farms, 1992..	429	75	157	56	253	47	211	530
acres on which used, 1997..	13 986	4 235	2 699	1 930	8 108	998	7 852	16 546
..... farms, 1992..	21 434	2 469	3 597	1 659	8 664	1 449	7 261	17 121
Pastureland and rangeland fertilized..... farms, 1997..	98	33	90	22	64	20	62	189
..... farms, 1992..	160	17	32	9	78	9	62	149
acres on which used, 1997..	4 575	807	2 272	777	1 116	517	1 296	4 754
..... farms, 1992..	4 249	464	734	168	1 850	101	1 268	3 434
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	51	18	15	12	27	9	13	46
..... farms, 1992..	63	49	99	20	201	23	77	55
acres on which used, 1997..	4 226	544	15	544	331	70	124	2 957
..... farms, 1992..	1 682	1 004	1 287	177	1 960	185	930	1 490
Nematodes in crops farms, 1997..	1	—	5	—	1	2	2	12
..... farms, 1992..	15	1	—	—	8	4	—	6
acres on which used, 1997..	(D)	—	5	—	(D)	(D)	(D)	313
..... farms, 1992..	330	(D)	—	—	477	106	—	114
Diseases in crops and orchards..... farms, 1997..	7	8	11	1	9	7	21	14
..... farms, 1992..	8	16	14	—	—	5	8	10
acres on which used, 1997..	154	391	11	(D)	74	56	43	151
..... farms, 1992..	(D)	488	14	—	—	7	156	96
Weeds, grass, or brush in crops and pasture farms, 1997..	116	29	28	39	77	14	31	162
..... farms, 1992..	148	13	8	34	74	18	49	160
acres on which used, 1997..	5 737	691	154	826	3 232	112	1 985	6 628
..... farms, 1992..	11 339	560	189	638	5 515	772	2 492	5 388
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	2	11	—	—	—	10	13
..... farms, 1992..	8	7	1	—	—	—	2	—
acres on which used, 1997..	—	(D)	61	—	—	—	90	260
..... farms, 1992..	180	(D)	(D)	—	—	—	(D)	—
Chemicals used	Putnam	Raleigh	Randolph	Ritchie	Roane	Summers	Taylor	Tucker
Commercial fertilizer farms, 1997..	308	167	203	129	163	206	105	104
..... farms, 1992..	314	146	181	191	241	209	114	101
acres on which used, 1997..	7 970	5 600	9 151	4 256	5 603	7 250	2 793	3 199
..... farms, 1992..	4 259	3 717	5 899	6 022	4 427	5 760	3 133	2 096
Cropland fertilized, except pastureland farms, 1997..	285	136	169	108	137	196	96	91
..... farms, 1992..	291	127	171	160	224	194	103	99
acres on which used, 1997..	6 705	3 495	5 155	3 131	3 256	4 746	1 981	1 933
..... farms, 1992..	3 639	2 501	5 106	3 661	3 857	4 252	2 447	1 873
Pastureland and rangeland fertilized..... farms, 1997..	76	74	93	53	57	76	31	52
..... farms, 1992..	34	59	31	78	34	45	35	17
acres on which used, 1997..	1 265	2 105	3 986	1 125	2 347	2 504	812	1 266
..... farms, 1992..	620	1 216	793	2 361	570	1 508	686	223
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	38	8	19	25	15	14	8	8
..... farms, 1992..	158	86	102	41	158	30	14	6
acres on which used, 1997..	379	548	1 085	103	134	630	253	50
..... farms, 1992..	1 325	783	2 296	251	3 167	564	145	31
Nematodes in crops farms, 1997..	—	—	—	—	—	1	1	—
..... farms, 1992..	1	—	1	—	5	—	2	3
acres on which used, 1997..	—	—	—	—	—	(D)	(D)	—
..... farms, 1992..	(D)	—	(D)	—	25	—	(D)	12
Diseases in crops and orchards..... farms, 1997..	35	5	1	12	1	1	3	—
..... farms, 1992..	71	21	—	—	—	1	6	4
acres on which used, 1997..	63	6	(D)	90	(D)	(D)	(D)	—
..... farms, 1992..	259	252	—	—	—	(D)	17	15
Weeds, grass, or brush in crops and pasture farms, 1997..	64	43	45	32	25	46	20	28
..... farms, 1992..	74	32	33	28	1	38	20	34
acres on which used, 1997..	945	1 269	1 798	592	754	1 074	774	688
..... farms, 1992..	1 685	550	1 560	493	(D)	949	203	385
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	17	—	—	5	6	6	5	—
..... farms, 1992..	17	6	—	—	9	—	—	4
acres on which used, 1997..	66	—	—	25	6	(D)	9	—
..... farms, 1992..	54	6	—	—	45	—	—	12

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Chemicals used	Tyler	Upshur	Wayne	Webster	Wetzel	Wirt	Wood	Wyoming
Commercial fertilizer farms, 1997..	110	186	99	34	94	98	225	18
..... 1992..	143	167	104	47	73	105	285	25
acres on which used, 1997..	1 850	5 054	2 978	446	1 512	2 065	4 792	244
..... 1992..	3 107	4 319	1 830	634	1 275	3 618	6 552	263
Cropland fertilized, except pastureland farms, 1997..	99	150	79	30	81	94	201	17
..... 1992..	131	151	92	41	72	105	266	24
acres on which used, 1997..	1 191	3 755	1 702	317	1 278	1 691	3 618	(D)
..... 1992..	2 187	3 854	1 255	544	(D)	3 532	5 103	206
Pastureland and rangeland fertilized..... farms, 1997..	33	79	43	6	17	18	55	2
..... 1992..	21	26	26	15	1	9	48	5
acres on which used, 1997..	659	1 299	1 276	129	234	374	1 174	(D)
..... 1992..	920	465	575	90	(D)	86	1 449	57
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	8	45	11	6	6	14	5	2
..... 1992..	14	116	80	16	15	33	102	16
acres on which used, 1997..	24	395	228	34	33	60	73	(D)
..... 1992..	63	846	501	37	91	157	1 133	52
Nematodes in crops farms, 1997..	—	1	—	4	—	—	2	2
..... 1992..	—	—	3	—	—	—	1	—
acres on which used, 1997..	—	(D)	—	32	—	—	(D)	(D)
..... 1992..	—	—	12	—	—	—	(D)	—
Diseases in crops and orchards..... farms, 1997..	—	32	4	5	5	3	9	2
..... 1992..	—	19	10	—	—	1	12	—
acres on which used, 1997..	—	69	32	33	29	12	96	(D)
..... 1992..	—	38	43	—	—	(D)	51	—
Weeds, grass, or brush in crops and pasture farms, 1997..	21	22	20	7	26	11	62	2
..... 1992..	47	18	22	—	20	40	88	4
acres on which used, 1997..	260	881	575	38	380	225	1 377	(D)
..... 1992..	474	570	281	—	214	501	1 295	13
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	9	—	—	7	2	—	—
..... 1992..	—	1	10	—	—	—	—	—
acres on which used, 1997..	—	9	—	—	62	(D)	—	—
..... 1992..	—	(D)	86	—	—	—	—	—