

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	Washington	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia
	Commercial fertilizer farms, 1997..	14 827	471	81	600	834	95	375
..... 1992..	16 567	465	68	557	998	104	467	159
acres on which used, 1997..	4 169 569	404 246	40 710	239 087	28 278	4 859	12 363	102 091
..... 1992..	4 137 587	369 265	34 427	228 307	25 011	2 690	19 618	89 012
Cropland fertilized, except pastureland farms, 1997..	13 605	437	77	462	828	95	291	141
..... 1992..	15 175	439	58	467	980	84	355	159
acres on which used, 1997..	4 115 577	402 740	40 582	235 873	28 202	4 374	11 056	100 791
..... 1992..	4 077 659	367 418	33 574	226 778	24 730	2 306	16 457	86 964
Pastureland and rangeland fertilized..... farms, 1997..	2 085	49	9	203	16	22	99	20
..... 1992..	2 359	52	19	120	39	22	162	19
acres on which used, 1997..	53 992	1 506	128	3 214	76	485	1 307	1 300
..... 1992..	59 928	1 847	853	1 529	281	384	3 161	2 048
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	7 118	127	10	332	849	11	107	39
..... 1992..	9 678	146	12	391	1 059	50	149	43
acres on which used, 1997..	1 082 708	49 359	1 603	108 634	26 913	105	2 147	6 441
..... 1992..	1 068 315	63 121	264	87 598	27 019	1 172	3 262	9 699
Nematodes in crops farms, 1997..	782	25	—	30	106	—	5	6
..... 1992..	845	28	—	16	104	—	22	7
acres on which used, 1997..	135 576	13 114	—	30 491	2 595	—	378	288
..... 1992..	126 535	9 354	—	15 633	2 029	—	1 348	49
Diseases in crops and orchards..... farms, 1997..	4 554	95	2	208	625	15	96	25
..... 1992..	5 325	50	7	213	671	21	168	9
acres on which used, 1997..	535 786	51 171	(D)	60 059	16 087	121	1 321	9 007
..... 1992..	417 596	24 769	31	38 791	14 341	99	1 808	3 869
Weeds, grass, or brush in crops and pasture farms, 1997..	10 906	364	63	352	606	21	355	130
..... 1992..	17 165	429	77	599	667	179	806	132
acres on which used, 1997..	3 262 317	345 819	39 765	217 088	20 605	768	10 928	84 574
..... 1992..	3 390 736	283 123	28 761	190 039	16 983	1 863	17 901	75 805
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	3 096	50	2	115	488	—	27	8
..... 1992..	3 306	44	4	123	595	1	31	4
acres on which used, 1997..	261 011	11 459	(D)	18 598	13 416	—	341	2 047
..... 1992..	261 059	16 680	3 861	17 283	14 711	(D)	405	(D)
Chemicals used	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island
Commercial fertilizer farms, 1997..	69	665	56	679	145	1 245	159	76
..... 1992..	118	723	54	662	160	1 353	68	114
acres on which used, 1997..	5 268	217 106	3 167	250 936	110 204	509 141	7 911	3 206
..... 1992..	7 101	230 521	4 084	287 808	94 088	473 209	7 832	5 232
Cropland fertilized, except pastureland farms, 1997..	56	656	56	625	138	1 200	131	53
..... 1992..	96	723	54	641	154	1 285	57	89
acres on which used, 1997..	4 160	217 023	3 167	250 293	109 649	504 066	6 943	2 517
..... 1992..	6 268	(D)	4 084	283 678	94 001	469 808	7 394	4 480
Pastureland and rangeland fertilized..... farms, 1997..	21	17	—	87	16	106	51	30
..... 1992..	24	3	—	47	10	141	24	37
acres on which used, 1997..	1 108	83	—	643	555	5 075	968	689
..... 1992..	833	(D)	—	4 130	87	3 401	438	752
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	23	411	—	415	11	706	59	20
..... 1992..	38	543	—	465	25	765	38	50
acres on which used, 1997..	2 229	22 022	—	110 412	3 992	196 756	2 670	253
..... 1992..	1 469	25 608	—	111 645	3 564	202 734	3 174	551
Nematodes in crops farms, 1997..	5	47	—	64	—	138	2	—
..... 1992..	4	58	—	71	—	163	3	—
acres on which used, 1997..	423	1 882	—	23 501	—	32 218	(D)	—
..... 1992..	310	5 630	—	21 011	—	35 522	(D)	—
Diseases in crops and orchards..... farms, 1997..	14	284	—	255	2	388	41	15
..... 1992..	20	386	11	201	11	349	5	39
acres on which used, 1997..	772	25 768	—	58 163	(D)	87 614	334	175
..... 1992..	496	10 125	11	39 992	2 080	82 545	50	151
Weeds, grass, or brush in crops and pasture farms, 1997..	73	470	54	482	140	973	102	43
..... 1992..	91	533	77	483	142	1 055	254	66
acres on which used, 1997..	4 244	192 094	3 062	180 171	105 035	349 154	4 454	1 824
..... 1992..	3 305	170 041	4 781	202 320	92 558	362 173	6 644	1 477
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	274	—	138	6	362	10	—
..... 1992..	9	302	4	173	2	260	3	1
acres on which used, 1997..	(D)	11 581	—	18 798	4 928	51 392	20	—
..... 1992..	530	11 633	52	20 527	(D)	35 365	(D)	(D)

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

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Chemicals used	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason
	Commercial fertilizer farms, 1997..	47	263	84	429	244	317	520
..... 1992..	36	254	117	415	277	280	554	39
acres on which used, 1997..	1 310	5 418	1 383	52 712	58 564	18 012	486 703	2 238
..... 1992..	1 142	5 233	451	50 983	60 391	14 626	452 112	1 070
Cropland fertilized, except pastureland farms, 1997..	34	186	69	414	243	243	511	62
..... 1992..	29	225	84	365	262	191	541	30
acres on which used, 1997..	625	3 299	1 165	50 910	58 174	14 752	485 057	1 897
..... 1992..	713	4 031	202	48 390	58 696	12 316	451 429	948
Pastureland and rangeland fertilized..... farms, 1997..	19	86	15	86	13	108	33	15
..... 1992..	14	52	40	91	29	110	32	11
acres on which used, 1997..	685	2 119	218	1 802	390	3 260	1 646	341
..... 1992..	429	1 202	249	2 593	1 695	2 310	683	122
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	4	74	8	47	83	89	49	7
..... 1992..	9	165	42	147	134	147	38	12
acres on which used, 1997..	4	933	21	6 207	13 970	4 139	11 579	32
..... 1992..	13	2 057	307	17 734	10 492	4 011	10 863	67
Nematodes in crops farms, 1997..	—	2	1	—	1	4	—	2
..... 1992..	—	9	8	3	1	1	2	—
acres on which used, 1997..	—	(D)	(D)	—	(D)	29	—	(D)
..... 1992..	—	(D)	164	(D)	(D)	(D)	(D)	—
Diseases in crops and orchards..... farms, 1997..	2	60	18	16	32	39	21	4
..... 1992..	4	75	53	87	37	76	54	16
acres on which used, 1997..	(D)	316	86	1 071	5 000	1 409	18 741	47
..... 1992..	4	887	623	3 155	5 636	1 276	16 649	164
Weeds, grass, or brush in crops and pasture farms, 1997..	14	184	54	290	109	241	425	50
..... 1992..	68	578	55	530	182	514	512	88
acres on which used, 1997..	197	2 562	843	22 626	34 758	10 911	336 010	1 334
..... 1992..	1 045	5 043	562	29 437	46 437	14 920	379 445	1 495
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	11	1	25	6	16	10	6
..... 1992..	—	8	8	26	21	2	7	—
acres on which used, 1997..	—	32	(D)	1 907	399	417	(D)	24
..... 1992..	—	18	278	1 778	703	(D)	1 226	—
Chemicals used	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish
Commercial fertilizer farms, 1997..	652	121	98	291	37	305	27	337
..... 1992..	805	153	128	249	27	368	22	399
acres on which used, 1997..	45 414	1 847	10 259	7 766	1 234	49 785	856	16 824
..... 1992..	49 667	4 183	12 030	7 765	1 006	49 447	872	20 091
Cropland fertilized, except pastureland farms, 1997..	629	116	79	199	37	282	24	276
..... 1992..	797	136	128	193	21	337	21	312
acres on which used, 1997..	39 763	1 757	9 232	6 479	1 150	48 741	761	15 256
..... 1992..	47 988	3 443	(D)	7 102	589	47 675	803	17 411
Pastureland and rangeland fertilized..... farms, 1997..	57	5	36	100	12	39	5	68
..... 1992..	85	26	1	66	7	57	6	96
acres on which used, 1997..	5 651	90	1 027	1 287	84	1 044	95	1 568
..... 1992..	1 679	740	(D)	663	417	1 772	69	2 680
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	478	100	10	91	11	138	10	82
..... 1992..	701	101	28	193	10	222	20	194
acres on which used, 1997..	26 398	1 422	75	3 313	16	29 022	626	5 835
..... 1992..	29 312	1 626	1 207	4 861	10	27 981	638	6 007
Nematodes in crops farms, 1997..	61	17	—	6	3	14	—	11
..... 1992..	72	21	—	10	—	16	—	21
acres on which used, 1997..	868	113	—	118	3	438	—	187
..... 1992..	1 806	195	—	145	—	1 116	—	364
Diseases in crops and orchards..... farms, 1997..	384	77	—	48	9	99	6	54
..... 1992..	496	58	8	80	14	115	14	172
acres on which used, 1997..	17 789	1 141	—	1 271	9	11 251	417	808
..... 1992..	19 823	894	720	2 250	105	14 491	568	2 321
Weeds, grass, or brush in crops and pasture farms, 1997..	512	110	61	250	12	201	10	199
..... 1992..	686	193	33	467	51	334	40	653
acres on which used, 1997..	46 973	1 794	1 380	4 975	93	37 527	211	11 845
..... 1992..	33 502	3 855	4 563	6 896	280	30 180	1 082	13 358
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	342	4	6	2	—	39	4	2
..... 1992..	465	1	—	11	—	46	4	9
acres on which used, 1997..	16 437	24	6	(D)	—	3 047	74	(D)
..... 1992..	18 747	(D)	—	53	—	4 323	65	136

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

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Chemicals used	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima
Commercial fertilizer farms, 1997..	734	362	215	7	528	619	764	2 056
..... farms, 1992..	934	491	251	20	556	735	955	2 432
acres on which used, 1997..	202 720	36 288	5 921	95	315 348	40 110	647 863	222 326
..... farms, 1992..	235 887	40 113	5 770	1 310	311 997	50 059	668 142	215 035
Cropland fertilized, except pastureland farms, 1997..	696	353	152	4	481	594	754	1 921
..... farms, 1992..	861	432	205	11	493	659	936	2 265
acres on which used, 1997..	199 646	34 900	4 959	80	314 245	37 062	647 029	217 202
..... farms, 1992..	233 708	36 744	4 898	654	310 712	45 506	665 800	207 467
Pastureland and rangeland fertilized..... farms, 1997..	108	32	65	3	89	92	29	224
..... farms, 1992..	147	93	63	11	97	169	68	269
acres on which used, 1997..	3 074	1 388	962	15	1 103	3 048	834	5 124
..... farms, 1992..	2 179	3 369	872	656	1 285	4 553	2 342	7 568
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	173	35	57	—	150	202	383	1 717
..... farms, 1992..	469	51	91	13	253	295	313	2 256
acres on which used, 1997..	33 704	950	692	—	83 340	10 963	162 162	153 769
..... farms, 1992..	31 230	1 465	2 082	250	96 520	11 759	119 903	147 040
Nematodes in crops farms, 1997..	1	8	1	—	31	68	9	114
..... farms, 1992..	9	5	9	1	21	47	24	89
acres on which used, 1997..	(D)	801	(D)	—	12 571	2 338	3 478	9 208
..... farms, 1992..	2 738	100	478	(D)	10 737	2 072	8 634	3 368
Diseases in crops and orchards..... farms, 1997..	58	33	40	—	78	200	42	1 169
..... farms, 1992..	97	65	80	—	71	177	97	1 218
acres on which used, 1997..	13 867	505	527	—	35 469	8 153	18 863	86 130
..... farms, 1992..	2 516	405	1 297	—	34 503	5 903	32 913	51 335
Weeds, grass, or brush in crops and pasture farms, 1997..	516	195	120	23	433	371	701	1 597
..... farms, 1992..	950	596	371	95	461	769	945	2 404
acres on which used, 1997..	141 842	14 169	2 485	438	274 484	19 905	577 994	157 376
..... farms, 1992..	214 869	32 122	4 464	2 128	272 747	23 852	672 416	138 264
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	72	13	—	—	26	100	26	904
..... farms, 1992..	49	31	10	—	81	106	42	823
acres on which used, 1997..	8 277	1 326	—	—	9 975	3 282	19 799	59 698
..... farms, 1992..	9 692	668	145	—	36 777	4 233	14 194	43 856