

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

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

Item	Washington	Adams	Asotin	Benton	Chelan	Clallam	Clark	Columbia	
Commercial fertilizer, lime, and soil conditioners ¹	farms, 2002	16,331	384	88	711	968	117	427	159
	1997	17,433	521	84	730	971	102	466	169
	acres treated, 2002	4,346,053	388,676	41,428	242,725	32,979	6,248	12,915	114,733
	1997	4,404,844	423,854	39,147	243,504	30,745	4,470	16,264	116,624
Cropland fertilized, except cropland pastured	farms, 2002	14,180	365	71	544	968	89	275	140
	1997	15,687	480	81	550	957	102	361	156
	acres treated, 2002	4,214,559	382,950	38,532	240,507	32,028	4,476	10,561	114,000
	1997	4,349,010	422,304	39,036	240,247	30,611	4,015	14,729	115,203
Pastureland and rangeland fertilized	farms, 2002	3,620	33	27	195	17	44	188	50
	1997	2,690	61	8	254	30	20	120	25
	acres treated, 2002	131,494	5,726	2,896	2,218	951	1,772	2,354	733
	1997	55,834	1,550	111	3,257	134	455	1,535	1,421
Manure	farms, 2002	5,446	81	9	183	105	69	323	14
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2002	231,497	6,921	145	3,544	1,578	1,553	4,088	(D)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-									
Insects ²	farms, 2002	8,017	114	10	403	961	24	82	36
	1997	8,261	147	12	409	962	12	135	41
	acres treated, 2002	1,076,928	41,559	1,363	132,056	32,453	203	3,009	11,253
	1997	1,146,827	50,412	1,605	109,918	28,623	106	2,459	6,932
Weeds, grass, or brush	farms, 2002	13,084	371	90	485	818	53	463	159
	1997	12,765	412	60	402	685	23	469	151
	acres treated, 2002	3,602,017	397,467	37,733	248,758	21,666	2,861	9,109	113,580
	1997	3,447,820	362,932	37,363	220,735	22,414	770	13,859	97,502
Nematodes	farms, 2002	874	18	-	66	167	-	36	5
	1997	905	25	-	37	120	-	7	5
	acres treated, 2002	155,841	13,665	-	32,130	1,162	-	829	2,813
	1997	138,890	13,114	-	30,911	2,811	-	460	272
Diseases in crops and orchards	farms, 2002	4,902	69	9	276	647	11	105	16
	1997	5,335	106	2	252	715	16	116	33
	acres treated, 2002	594,650	22,532	175	113,044	23,991	55	1,352	4,623
	1997	564,913	51,382	(D)	61,041	17,425	122	1,538	11,938
Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	3,163	44	3	187	511	-	71	-
	1997	3,504	52	2	132	536	-	31	9
	acres on which used, 2002	269,037	6,967	15	40,760	14,159	-	344	-
	1997	271,232	11,499	(D)	18,893	14,269	-	354	2,097

Item	Cowlitz	Douglas	Ferry	Franklin	Garfield	Grant	Grays Harbor	Island	
Commercial fertilizer, lime, and soil conditioners ¹	farms, 2002	139	700	53	695	137	1,277	169	48
	1997	87	774	63	829	161	1,387	162	92
	acres treated, 2002	5,361	191,078	3,662	304,312	107,659	558,471	7,001	2,605
	1997	5,860	235,368	3,238	265,885	114,912	531,324	8,154	3,544
Cropland fertilized, except cropland pastured	farms, 2002	89	624	46	596	121	1,179	141	47
	1997	66	765	63	716	143	1,321	132	69
	acres treated, 2002	3,880	190,771	3,479	300,252	106,947	548,442	5,937	(D)
	1997	4,672	235,290	3,238	265,030	114,269	525,744	7,309	2,741
Pastureland and rangeland fertilized	farms, 2002	58	91	15	143	20	207	65	3
	1997	29	16	-	145	28	126	50	32
	acres treated, 2002	1,481	307	183	4,060	712	10,029	1,064	(D)
	1997	1,188	78	-	855	643	5,580	845	803
Manure	farms, 2002	117	122	35	123	4	175	88	54
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2002	3,032	651	622	8,341	381	21,747	3,565	1,262
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-									
Insects ²	farms, 2002	72	489	-	443	22	786	78	31
	1997	27	486	-	470	12	798	59	26
	acres treated, 2002	2,140	22,228	-	136,346	3,903	222,641	3,704	197
	1997	2,676	22,955	-	116,637	4,167	205,114	2,857	351
Weeds, grass, or brush	farms, 2002	199	536	46	534	126	965	185	28
	1997	92	526	65	551	163	1,097	97	52
	acres treated, 2002	4,352	143,109	1,319	220,468	88,163	382,524	5,452	909
	1997	4,628	209,781	3,251	192,322	109,842	364,142	4,897	2,011
Nematodes	farms, 2002	9	41	-	70	9	129	9	15
	1997	7	47	-	65	2	154	2	-
	acres treated, 2002	855	552	-	24,651	-	46,614	(D)	24
	1997	543	1,879	-	23,647	-	33,173	(D)	-
Diseases in crops and orchards	farms, 2002	42	305	-	279	7	442	37	11
	1997	21	341	-	291	2	438	42	22
	acres treated, 2002	1,639	33,810	-	59,938	2,396	99,011	263	11
	1997	1,187	27,417	-	61,357	(D)	90,463	341	278
Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	2	274	-	159	3	347	19	-
	1997	2	300	-	160	6	405	11	-
	acres on which used, 2002	(D)	12,073	-	22,379	2,633	59,440	146	-
	1997	(D)	11,983	-	19,988	4,928	53,685	22	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Jefferson	King	Kitsap	Kittitas	Klickitat	Lewis	Lincoln	Mason
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	58	460	149	470	250	368	482	123
1997	61	358	120	494	280	384	547	91
acres treated, 2002	2,701	5,855	2,059	51,732	63,498	9,822	535,462	4,154
1997	1,352	5,697	1,564	54,569	67,697	18,943	514,488	2,467
Cropland fertilized, except cropland pastured farms, 2002	38	387	80	418	243	472	108	70
1997	43	229	97	475	279	285	538	108
acres treated, 2002	1,168	3,316	1,703	49,197	62,564	7,885	501,373	3,803
1997	683	3,577	1,222	52,688	67,127	15,870	512,782	2,087
Pastureland and rangeland fertilized farms, 2002	35	125	83	140	45	166	49	35
1997	24	138	23	100	22	124	40	27
acres treated, 2002	1,533	2,539	356	2,535	934	1,937	34,089	351
1997	669	2,120	342	1,881	570	3,073	1,706	380
Manure farms, 2002	40	234	87	98	85	325	24	37
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,304	8,401	528	20,494	1,824	10,789	611	486
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	6	109	37	114	93	110	42	23
1997	6	89	7	58	86	123	51	9
acres treated, 2002	36	510	292	7,520	10,748	3,896	11,456	970
1997	6	1,150	19	6,544	15,023	4,774	11,708	42
Weeds, grass, or brush farms, 2002	28	328	117	374	189	282	549	78
1997	15	254	73	310	115	313	454	71
acres treated, 2002	256	2,422	964	33,815	37,715	10,519	476,893	1,344
1997	261	3,800	993	22,572	41,685	12,049	354,702	1,539
Nematodes farms, 2002	-	-	13	1	20	-	2	-
1997	-	2	1	-	2	4	-	2
acres treated, 2002	-	(D)	26	(D)	864	-	(D)	(D)
1997	-	(D)	-	-	(D)	29	-	(D)
Diseases in crops and orchards farms, 2002	-	21	28	26	51	80	17	17
1997	3	78	22	17	37	51	20	5
acres treated, 2002	-	110	239	787	7,567	916	4,369	1,068
1997	(D)	467	120	1,083	6,647	1,596	18,071	82
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	9	14	12	28	1	1	3
1997	-	15	1	27	8	20	10	8
acres on which used, 2002	-	64	14	619	1,726	(D)	(D)	15
1997	-	39	(D)	1,941	495	562	(D)	32

Item	Okanogan	Pacific	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	730	135	79	401	68	345	28	269
1997	732	142	113	380	42	372	30	430
acres treated, 2002	59,376	2,182	12,119	10,012	2,144	48,233	665	9,894
1997	46,313	2,030	10,553	10,382	1,201	51,473	872	17,146
Cropland fertilized, except cropland pastured farms, 2002	674	126	59	308	56	319	24	210
1997	706	137	92	259	42	347	27	341
acres treated, 2002	44,277	2,006	10,834	8,246	1,686	45,818	(D)	8,814
1997	41,143	1,940	9,465	8,966	1,122	50,421	771	15,598
Pastureland and rangeland fertilized farms, 2002	98	9	43	138	22	59	7	79
1997	77	5	39	129	11	41	6	101
acres treated, 2002	15,099	176	1,285	1,766	458	2,415	(D)	1,080
1997	5,170	90	1,088	1,416	79	1,052	101	1,548
Manure farms, 2002	145	51	24	258	39	227	8	221
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,990	2,227	366	6,687	202	14,550	50	10,773
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	513	101	-	105	10	192	13	122
1997	531	117	9	124	13	175	11	97
acres treated, 2002	24,275	1,636	-	3,431	20	29,162	345	4,253
1997	27,666	1,492	61	5,208	18	31,428	633	5,912
Weeds, grass, or brush farms, 2002	570	126	42	332	8	174	26	234
1997	617	115	67	365	18	249	12	260
acres treated, 2002	32,882	2,404	5,759	6,100	25	37,199	540	8,616
1997	48,669	1,777	1,455	7,239	144	40,234	222	12,503
Nematodes farms, 2002	51	-	-	7	3	10	2	1
1997	69	21	-	9	5	17	-	13
acres treated, 2002	852	-	-	112	3	2,252	(D)	(D)
1997	970	148	-	233	5	475	-	189
Diseases in crops and orchards farms, 2002	342	72	-	44	3	99	10	35
1997	438	85	-	66	13	123	9	64
acres treated, 2002	17,122	1,164	-	478	6	14,855	282	726
1997	19,122	1,104	-	2,256	13	11,944	450	905
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	395	-	-	-	3	71	1	1
1997	383	4	8	2	-	42	4	3
acres on which used, 2002	16,287	-	-	-	6	7,423	(D)	(D)
1997	17,253	24	8	(D)	-	3,056	74	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Spokane	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	1,004	326	328	3	497	480	790	2,416
1997	866	409	277	12	670	736	827	2,462
acres treated, 2002	228,455	46,919	5,929	69	316,570	41,813	645,497	221,040
1997	211,258	38,617	6,451	120	323,515	42,482	700,602	232,159
Cropland fertilized, except cropland pastured farms, 2002	805	279	190	3	403	478	758	2,200
1997	816	400	189	4	576	706	819	2,248
acres treated, 2002	217,360	43,938	4,848	69	312,769	39,922	643,653	213,430
1997	208,310	37,319	5,463	80	322,021	39,424	699,840	226,653
Pastureland and rangeland fertilized farms, 2002	391	74	181	-	125	64	115	381
1997	119	32	91	8	146	100	29	314
acres treated, 2002	11,095	2,981	1,081	-	3,801	1,891	1,844	7,610
1997	2,948	1,298	988	40	1,494	3,058	762	5,506
Manure farms, 2002	416	142	311	11	34	447	42	638
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,024	2,488	7,476	464	(D)	40,907	761	28,152
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	210	33	64	3	161	245	315	1,845
1997	188	45	78	-	191	242	431	1,984
acres treated, 2002	19,857	741	1,896	69	76,687	12,806	112,870	140,397
1997	34,623	1,002	829	-	87,210	12,699	183,719	160,249
Weeds, grass, or brush farms, 2002	777	149	280	12	544	308	749	1,750
1997	595	223	183	18	517	432	767	1,877
acres treated, 2002	183,960	23,503	6,914	95	253,030	21,784	593,373	184,441
1997	138,524	13,823	3,091	288	284,497	22,014	624,808	164,482
Nematodes farms, 2002	12	-	4	-	15	71	3	94
1997	1	9	1	-	30	101	7	142
acres treated, 2002	12	-	474	-	16,354	2,112	(D)	6,063
1997	(D)	802	(D)	-	12,331	3,254	3,150	9,506
Diseases in crops and orchards farms, 2002	128	27	63	3	130	179	169	1,102
1997	65	43	57	-	96	255	47	1,344
acres treated, 2002	11,678	328	1,946	69	34,405	7,814	51,442	74,439
1997	15,429	556	775	-	37,879	10,045	20,447	89,108
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	34	-	12	-	14	106	15	823
1997	90	14	-	-	26	136	27	1,030
acres on which used, 2002	78	-	12	-	10,984	4,986	8,777	57,820
1997	8,197	1,328	-	-	9,975	3,970	20,539	62,213

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.