

**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	Oregon	Baker	Benton	Clackamas	Clatsop	Columbia	Coos
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	18,666	274	420	2,259	41	153	340
1997	19,143	321	570	2,032	20	169	340
acres treated, 2002	2,698,778	39,954	67,321	58,001	1,152	3,220	5,772
1997	2,714,101	52,243	72,269	64,568	1,318	4,787	7,843
Cropland fertilized, except cropland pastured							
farms, 2002	14,261	253	316	1,733	11	80	246
1997	15,118	271	354	1,674	13	123	230
acres treated, 2002	2,485,645	35,063	63,842	51,656	(D)	2,744	4,472
1997	2,537,138	44,179	66,932	57,209	(D)	3,160	4,198
Pastureland and rangeland fertilized							
farms, 2002	6,885	67	166	739	31	82	106
1997	6,018	77	283	505	9	90	126
acres treated, 2002	213,133	4,891	3,479	6,345	(D)	476	1,300
1997	176,963	8,064	5,337	7,359	(D)	1,627	3,645
Manure							
farms, 2002	5,474	59	192	676	33	119	93
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	151,103	15,471	2,103	7,763	810	2,029	2,621
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup>							
farms, 2002	6,004	25	97	807	6	14	140
1997	5,422	37	113	722	9	33	107
acres treated, 2002	585,754	4,753	22,724	26,123	31	(D)	1,808
1997	605,096	4,111	20,751	23,493	65	409	1,385
Weeds, grass, or brush							
farms, 2002	15,018	187	370	2,344	55	186	272
1997	13,262	230	364	1,808	52	205	230
acres treated, 2002	2,181,158	17,062	55,836	68,928	963	4,829	4,761
1997	1,940,342	9,924	59,560	53,355	700	5,488	4,436
Nematodes							
farms, 2002	762	9	4	113	-	-	17
1997	820	9	25	54	-	-	11
acres treated, 2002	71,185	1,060	953	1,769	-	-	170
1997	111,372	263	4,998	1,369	-	-	102
Diseases in crops and orchards							
farms, 2002	4,017	6	136	441	-	10	128
1997	4,826	41	126	634	4	50	68
acres treated, 2002	431,907	2,770	23,241	18,841	-	296	1,498
1997	585,305	2,276	30,751	21,157	8	395	825
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	1,213	-	7	86	-	-	11
1997	971	10	29	56	-	1	7
acres on which used, 2002	99,297	-	1,226	2,193	-	-	22
1997	79,442	(D)	2,229	985	-	(D)	46
Item	Crook	Curry	Deschutes	Douglas	Gilliam	Grant	Harney
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	349	70	973	686	70	100	118
1997	295	79	885	871	103	135	130
acres treated, 2002	38,432	8,080	25,363	43,158	98,682	15,236	31,516
1997	30,919	8,736	28,795	52,653	111,807	16,724	32,913
Cropland fertilized, except cropland pastured							
farms, 2002	283	53	533	478	68	94	89
1997	236	57	515	605	99	127	128
acres treated, 2002	31,172	2,252	15,627	14,497	(D)	13,635	29,158
1997	26,784	1,497	17,849	24,138	111,465	15,709	(D)
Pastureland and rangeland fertilized							
farms, 2002	129	24	686	328	2	31	31
1997	121	31	586	370	9	31	2
acres treated, 2002	7,260	5,828	9,736	28,661	(D)	1,601	2,358
1997	4,135	7,239	10,946	28,515	342	1,015	(D)
Manure							
farms, 2002	36	13	342	224	4	17	61
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	763	775	8,208	7,907	543	490	6,839
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup>							
farms, 2002	25	38	68	202	9	9	20
1997	35	31	52	80	7	2	1
acres treated, 2002	7,747	1,137	782	2,582	6,943	520	(D)
1997	8,846	539	5,689	2,978	2,966	(D)	(D)
Weeds, grass, or brush							
farms, 2002	98	85	454	473	69	110	65
1997	119	51	94	481	66	64	160
acres treated, 2002	14,574	2,591	7,796	9,031	126,241	8,578	9,870
1997	13,636	1,631	4,174	9,087	83,111	6,421	26,275
Nematodes							
farms, 2002	9	10	-	1	1	1	-
1997	17	4	5	8	4	-	-
acres treated, 2002	3,936	345	-	(D)	(D)	(D)	-
1997	3,568	110	1,953	9	3,179	-	-
Diseases in crops and orchards							
farms, 2002	10	23	15	123	5	1	-
1997	15	21	2	138	7	6	-
acres treated, 2002	2,765	790	942	2,182	6,895	(D)	-
1997	2,066	363	(D)	1,658	7,003	205	-
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	1	4	2	-	-	1	-
1997	2	-	8	12	5	1	-
acres on which used, 2002	(D)	4	(D)	-	-	(D)	-
1997	(D)	-	96	305	1,786	(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	Hood River	Jackson	Jefferson	Josephine	Klamath	Lake	Lane
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	375	722	275	204	419	164	1,252
1997	470	699	208	333	376	167	1,323
acres treated, 2002	17,294	29,098	55,478	4,029	107,596	83,256	80,530
1997	19,008	34,452	46,602	8,458	87,974	58,421	69,316
Cropland fertilized, except cropland pastured . . . . . farms, 2002	368	432	255	177	353	153	805
1997	441	465	190	231	352	154	977
acres treated, 2002	16,677	17,252	53,753	3,288	98,460	73,795	64,562
1997	18,359	25,149	45,620	6,389	83,547	55,929	58,360
Pastureland and rangeland fertilized . . . . . farms, 2002	36	424	89	72	113	27	618
1997	58	343	34	155	60	29	482
acres treated, 2002	617	11,846	1,725	741	9,136	9,461	15,968
1997	649	9,303	982	2,069	4,427	2,492	10,956
Manure . . . . . farms, 2002	54	339	25	110	110	21	401
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	429	4,669	959	2,306	7,926	5,763	6,554
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	240	191	95	26	121	18	340
1997	307	96	101	13	207	8	311
acres treated, 2002	13,873	7,346	17,396	109	30,155	6,222	13,395
1997	15,602	11,233	14,752	(D)	37,231	1,675	18,447
Weeds, grass, or brush . . . . . farms, 2002	257	365	242	85	243	78	799
1997	351	301	172	82	271	87	742
acres treated, 2002	9,286	14,811	45,166	1,666	58,640	38,169	48,202
1997	12,880	14,154	39,949	3,203	56,555	25,494	39,833
Nematodes . . . . . farms, 2002	38	-	24	-	36	6	59
1997	60	3	35	3	77	-	24
acres treated, 2002	598	-	1,688	-	5,257	600	1,018
1997	1,110	(D)	2,310	(D)	8,916	-	3,235
Diseases in crops and orchards . . . . . farms, 2002	246	107	71	34	29	1	192
1997	306	107	69	13	82	-	287
acres treated, 2002	10,601	6,668	8,806	36	6,589	(D)	11,289
1997	14,518	9,135	9,164	1,479	16,298	-	14,535
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	132	40	9	8	9	-	14
1997	164	34	14	11	22	1	18
acres on which used, 2002	3,984	673	1,286	8	1,143	-	357
1997	4,266	1,338	1,267	75	3,243	(D)	463

  

Item	Lincoln	Linn	Malheur	Marion	Morrow	Multnomah	Polk	Sherman
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	133	1,081	583	1,870	192	428	592	104
1997	134	1,185	720	1,841	294	323	730	123
acres treated, 2002	6,713	234,557	117,470	199,606	256,065	13,654	89,153	133,485
1997	3,527	230,211	134,385	200,445	239,648	14,302	105,267	134,153
Cropland fertilized, except cropland pastured . . . . . farms, 2002	74	727	495	1,475	183	367	483	101
1997	79	872	659	1,523	261	277	544	123
acres treated, 2002	2,502	215,180	109,500	194,827	252,732	12,986	86,135	133,028
1997	1,541	221,547	131,930	194,793	235,948	13,772	98,631	133,871
Pastureland and rangeland fertilized . . . . . farms, 2002	82	586	161	540	30	63	165	8
1997	78	487	90	418	44	53	298	8
acres treated, 2002	4,211	19,377	7,970	4,779	3,333	668	3,018	457
1997	1,986	8,664	2,455	5,652	3,700	530	6,636	282
Manure . . . . . farms, 2002	38	315	231	426	44	139	144	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,983	5,790	9,542	10,867	2,701	1,067	2,756	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	24	225	297	870	50	187	287	8
1997	11	187	299	877	83	126	195	12
acres treated, 2002	158	26,188	46,186	80,079	63,266	7,343	17,084	4,412
1997	113	26,312	62,051	78,627	68,656	6,657	22,397	1,158
Weeds, grass, or brush . . . . . farms, 2002	97	769	554	1,755	159	330	560	114
1997	71	772	572	1,472	243	265	463	112
acres treated, 2002	2,954	159,820	133,486	165,630	248,422	13,743	73,376	136,149
1997	1,476	181,656	100,346	160,214	195,491	12,075	80,975	109,378
Nematodes . . . . . farms, 2002	-	41	72	127	10	9	7	-
1997	-	54	108	137	10	29	22	-
acres treated, 2002	-	2,234	7,900	12,495	5,888	1,376	1,085	-
1997	-	9,309	10,869	15,260	16,803	322	2,942	-
Diseases in crops and orchards . . . . . farms, 2002	14	192	75	646	34	111	202	7
1997	39	230	123	747	70	108	252	3
acres treated, 2002	98	36,411	14,008	100,582	11,684	4,894	33,394	10,665
1997	135	72,151	30,310	107,767	52,115	5,312	35,872	1,966
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	4	55	24	251	6	26	53	-
1997	-	20	79	102	8	26	35	1
acres on which used, 2002	4	14,941	1,498	24,200	4,146	949	7,223	-
1997	-	1,553	9,508	7,142	6,195	452	5,899	(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	Tillamook	Umatilla	Union	Wallowa	Wasco	Washington	Wheeler	Yamhill
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	89	923	398	273	322	1,155	39	1,220
1997	75	1,002	431	217	286	1,141	44	1,071
acres treated, 2002	5,004	395,792	109,527	57,742	99,991	69,228	4,944	92,679
1997	5,728	412,080	104,666	48,865	90,838	79,565	4,056	96,559
Cropland fertilized, except cropland pastured								
farms, 2002	44	654	307	186	287	1,072	32	994
1997	28	816	400	153	250	964	44	883
acres treated, 2002	1,822	377,412	106,556	46,734	96,985	67,241	4,401	86,796
1997	1,760	402,064	99,710	42,631	88,234	77,110	4,006	89,550
Pastureland and rangeland fertilized								
farms, 2002	57	355	167	173	73	227	8	389
1997	54	301	87	89	56	228	3	323
acres treated, 2002	3,182	18,380	2,971	11,008	3,006	1,987	543	5,883
1997	3,968	10,016	4,956	6,234	2,604	2,455	50	7,009
Manure								
farms, 2002	146	90	128	128	35	388	2	285
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	12,905	2,204	3,364	2,693	146	4,072	(D)	5,918
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup>								
farms, 2002	13	355	123	8	112	619	3	332
1997	10	247	112	15	130	495	4	347
acres treated, 2002	124	65,749	24,879	1,230	13,315	35,861	(D)	26,543
1997	225	85,874	18,956	1,385	10,754	25,833	211	21,600
Weeds, grass, or brush								
farms, 2002	100	892	381	258	224	964	39	985
1997	127	777	319	152	207	810	34	936
acres treated, 2002	4,179	347,857	92,974	31,734	85,407	61,028	6,442	70,957
1997	3,982	313,281	77,687	24,704	69,310	63,531	4,362	72,008
Nematodes								
farms, 2002	2	22	5	-	16	88	4	31
1997	-	45	4	-	11	44	-	16
acres treated, 2002	(D)	15,510	1,102	-	689	1,728	836	2,083
1997	-	15,340	(D)	(D)	147	2,582	-	3,326
Diseases in crops and orchards								
farms, 2002	9	158	36	-	99	508	-	348
1997	1	176	82	7	101	475	1	435
acres treated, 2002	(D)	37,511	5,314	-	8,256	28,282	-	36,454
1997	(D)	66,782	6,443	649	12,912	28,465	(D)	31,560
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	1	66	7	-	77	184	-	135
1997	-	74	18	1	20	93	3	96
acres on which used, 2002	(D)	7,338	840	-	4,613	5,205	-	16,984
1997	-	14,864	4,299	(D)	4,387	3,069	3	2,396

<sup>1</sup> Data for 1997 exclude lime.

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