

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

[For meaning of abbreviations and symbols, see introductory text.]

Item	Washington	Adams	Asotin	Benton	Chelan	Clallam
Commercial fertilizer, lime, and soil conditionersfarms, 2017	12,102	339	84	631	491	100
.....farms, 2012	12,017	353	69	506	491	102
.....acres treated, 2017	3,777,611	407,241	35,371	242,419	19,099	3,061
.....acres treated, 2012	3,547,373	300,170	34,605	217,279	17,546	3,561
Cropland fertilized, except cropland pasturefarms, 2017	9,697	325	57	382	472	61
.....farms, 2012	10,098	339	57	342	466	82
.....acres treated, 2017	3,701,857	406,190	33,780	240,603	18,954	2,398
.....acres treated, 2012	3,479,796	299,097	31,868	215,931	17,312	3,017
Pastureland and rangeland fertilizedfarms, 2017	3,212	26	34	298	28	45
.....farms, 2012	2,677	28	14	192	33	32
.....acres treated, 2017	75,754	1,051	1,591	1,816	145	663
.....acres treated, 2012	67,577	1,073	1,591	1,348	234	544
Manurefarms, 2017	4,865	31	8	180	27	74
.....farms, 2012	4,167	33	24	174	63	60
.....acres treated, 2017	197,727	3,682	131	6,961	672	684
.....acres treated, 2012	215,683	4,527	365	18,818	323	1,041
Organic fertilizer (see text)farms, 2017	1,614	11	-	75	86	42
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	73,978	2,279	-	4,682	3,112	155
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	4,854	97	20	339	484	24
.....farms, 2012	6,052	141	19	296	509	31
.....acres, 2017	1,491,976	105,147	1,635	137,703	19,177	673
.....acres, 2012	1,289,791	103,320	2,933	145,098	17,641	366
Weeds, grass, or brushfarms, 2017	10,767	353	96	620	451	68
.....farms, 2012	13,002	406	101	546	509	73
.....acres, 2017	4,739,126	504,746	44,148	310,463	16,864	1,597
.....acres, 2012	4,469,109	461,131	48,288	310,849	17,048	2,272
Nematodesfarms, 2017	785	26	-	36	92	2
.....farms, 2012	1,081	43	-	52	80	11
.....acres, 2017	250,288	12,802	-	42,802	1,850	(D)
.....acres, 2012	348,374	56,245	-	54,901	1,352	137
Diseases in crops and orchardsfarms, 2017	4,004	155	29	187	334	17
.....farms, 2012	4,312	139	22	175	320	27
.....acres, 2017	1,907,104	185,567	20,945	134,397	13,106	67
.....acres, 2012	1,613,635	184,840	15,342	128,212	11,476	309
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	1,771	29	4	105	294	4
.....farms, 2012	2,560	42	2	164	354	4
.....acres on which used, 2017	353,313	11,743	(D)	25,507	10,119	4
.....acres on which used, 2012	389,684	12,684	(D)	54,078	13,597	(D)
Item	Clark	Columbia	Cowlitz	Douglas	Ferry	Franklin
Commercial fertilizer, lime, and soil conditionersfarms, 2017	523	126	87	348	48	497
.....farms, 2012	468	145	94	428	48	515
.....acres treated, 2017	9,855	72,071	8,221	188,221	3,575	214,938
.....acres treated, 2012	10,345	82,032	15,438	163,363	2,565	214,608
Cropland fertilized, except cropland pasturefarms, 2017	329	113	57	330	36	438
.....farms, 2012	326	130	58	418	31	452
.....acres treated, 2017	5,531	70,230	7,015	186,433	1,777	212,368
.....acres treated, 2012	8,181	79,696	14,016	(D)	1,874	213,068
Pastureland and rangeland fertilizedfarms, 2017	251	33	38	21	12	82
.....farms, 2012	189	42	44	14	19	91
.....acres treated, 2017	4,324	1,841	1,206	1,788	1,798	2,570
.....acres treated, 2012	2,164	2,336	1,422	(D)	691	1,540
Manurefarms, 2017	302	19	42	37	37	78
.....farms, 2012	245	21	69	39	24	65
.....acres treated, 2017	3,604	309	816	2,524	237	11,987
.....acres treated, 2012	3,673	316	1,823	1,442	314	9,363
Organic fertilizer (see text)farms, 2017	84	2	16	34	8	48
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	1,605	(D)	326	3,412	63	4,939
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	101	28	19	199	2	290
.....farms, 2012	163	48	50	314	10	336
.....acres, 2017	2,122	12,220	2,318	38,866	(D)	124,216
.....acres, 2012	2,333	17,042	8,286	21,955	333	121,676
Weeds, grass, or brushfarms, 2017	517	132	86	348	36	447
.....farms, 2012	567	162	142	474	76	525
.....acres, 2017	9,596	91,223	5,771	227,189	1,459	273,779
.....acres, 2012	12,619	110,331	14,925	254,791	3,605	275,467
Nematodesfarms, 2017	16	1	3	32	-	75
.....farms, 2012	32	9	11	42	5	86
.....acres, 2017	248	(D)	(D)	6,668	-	30,197
.....acres, 2012	543	672	405	4,163	176	46,351
Diseases in crops and orchardsfarms, 2017	82	38	17	159	1	235
.....farms, 2012	108	53	37	193	5	244
.....acres, 2017	1,923	52,437	3,324	69,168	(D)	95,141
.....acres, 2012	1,140	41,846	6,972	34,230	173	94,504
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	14	2	3	100	-	116
.....farms, 2012	17	4	7	208	3	168
.....acres on which used, 2017	363	(D)	2,070	6,999	-	19,776
.....acres on which used, 2012	222	622	(D)	12,517	150	31,131

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Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Garfield	Grant	Grays Harbor	Island	Jefferson	King	Kitsap
Commercial fertilizer, lime, and soil conditioners farms, 2017	120	827	95	90	29	360	132
..... 2012	99	931	112	88	37	372	151
..... acres treated, 2017	86,682	454,844	8,435	2,534	465	5,968	830
..... 2012	90,809	466,036	12,887	2,942	963	5,661	760
Cropland fertilized, except cropland pasture farms, 2017	112	770	63	62	23	242	65
..... 2012	95	852	84	72	35	258	103
..... acres treated, 2017	85,360	446,906	7,768	2,094	297	4,820	388
..... 2012	86,263	459,979	12,249	2,637	623	4,493	410
Pastureland and rangeland fertilized farms, 2017	17	113	33	32	8	134	72
..... 2012	11	140	38	23	7	124	57
..... acres treated, 2017	1,322	7,938	667	440	168	1,148	442
..... 2012	4,546	6,057	638	305	340	1,168	350
Manure farms, 2017	7	153	76	65	30	365	126
..... 2012	5	159	66	66	26	254	114
..... acres treated, 2017	122	39,459	1,844	852	316	6,980	337
..... 2012	(D)	42,890	3,007	1,265	703	4,314	319
Organic fertilizer (see text) farms, 2017	1	81	9	47	14	102	40
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	21,436	(D)	121	259	683	94
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	15	500	30	11	4	62	32
..... 2012	19	606	55	31	12	187	48
..... acres, 2017	6,780	280,014	2,241	100	5	933	157
..... 2012	10,321	246,637	6,952	259	51	2,473	183
Weeds, grass, or brush farms, 2017	126	774	72	51	17	203	56
..... 2012	120	916	135	83	25	396	106
..... acres, 2017	131,799	573,095	4,645	1,013	153	2,866	297
..... 2012	113,367	498,355	12,550	1,971	339	5,302	701
Nematodes farms, 2017	2	128	7	5	-	5	6
..... 2012	2	147	12	10	4	35	13
..... acres, 2017	(D)	70,105	554	11	-	(D)	20
..... 2012	(D)	70,090	1,157	109	7	428	35
Diseases in crops and orchards farms, 2017	68	392	13	20	2	57	21
..... 2012	59	415	36	26	8	90	43
..... acres, 2017	60,038	217,724	438	296	(D)	633	116
..... 2012	48,191	183,142	2,530	139	(D)	1,376	143
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	2	212	5	1	1	15	1
..... 2012	2	315	12	4	5	22	8
..... acres on which used, 2017	(D)	68,301	52	(D)	(D)	15	(D)
..... 2012	(D)	86,952	2,065	13	38	487	16

Item	Kititas	Klickitat	Lewis	Lincoln	Mason	Okanogan	Pacific
Commercial fertilizer, lime, and soil conditioners farms, 2017	385	235	343	413	57	404	112
..... 2012	403	214	302	388	69	490	110
..... acres treated, 2017	35,316	81,045	12,334	432,505	1,648	42,568	1,953
..... 2012	42,907	65,007	16,702	402,043	1,972	55,115	2,105
Cropland fertilized, except cropland pasture farms, 2017	282	203	241	395	42	336	96
..... 2012	332	194	220	371	51	430	96
..... acres treated, 2017	33,336	77,727	9,814	430,502	996	37,764	1,748
..... 2012	41,097	61,615	15,191	398,274	1,385	53,959	1,716
Pastureland and rangeland fertilized farms, 2017	141	48	149	30	19	90	19
..... 2012	122	27	111	34	25	74	16
..... acres treated, 2017	1,980	3,318	2,520	2,003	652	4,804	205
..... 2012	1,810	3,392	1,511	3,769	587	1,156	389
Manure farms, 2017	143	72	345	27	58	130	34
..... 2012	103	77	256	36	36	138	30
..... acres treated, 2017	2,889	3,038	10,978	2,341	405	5,361	2,622
..... 2012	2,269	1,858	9,806	7,541	333	15,618	1,567
Organic fertilizer (see text) farms, 2017	15	36	77	8	15	83	22
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	367	825	4,437	2,741	90	2,735	217
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	74	111	65	65	12	223	60
..... 2012	94	102	125	63	16	336	91
..... acres, 2017	11,524	48,175	2,705	48,932	(D)	59,740	1,133
..... 2012	10,294	28,901	7,864	46,865	601	27,533	1,621
Weeds, grass, or brush farms, 2017	348	181	337	437	38	316	92
..... 2012	358	210	371	479	52	467	121
..... acres, 2017	30,167	96,413	8,004	520,165	875	89,915	1,771
..... 2012	33,990	65,000	15,657	459,948	1,050	69,255	2,121
Nematodes farms, 2017	2	9	4	13	3	37	7
..... 2012	15	11	18	14	1	42	13
..... acres, 2017	(D)	297	827	14,036	3	2,142	168
..... 2012	684	(D)	1,868	18,612	(D)	1,815	347
Diseases in crops and orchards farms, 2017	21	53	58	218	12	169	41
..... 2012	40	47	51	176	7	243	60
..... acres, 2017	264	11,122	1,822	248,944	(D)	22,423	860
..... 2012	2,288	14,076	3,654	185,107	136	10,587	1,145
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	14	19	3	14	5	145	7
..... 2012	30	31	18	11	2	270	11
..... acres on which used, 2017	318	2,844	(D)	4,616	5	11,153	66
..... 2012	628	1,537	404	5,039	(D)	20,537	267

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Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Pend Oreille	Pierce	San Juan	Skagit	Skamania	Snohomish	Spokane
Commercial fertilizer, lime, and soil conditionersfarms, 2017	83	291	63	271	48	300	753
.....farms, 2012	70	261	43	283	41	250	750
.....acres treated, 2017	11,652	6,041	826	44,424	606	15,654	233,145
.....acres treated, 2012	6,781	3,985	280	42,675	353	11,813	215,706
Cropland fertilized, except cropland pasturefarms, 2017	71	147	55	209	27	206	603
.....farms, 2012	55	157	40	230	30	180	609
.....acres treated, 2017	11,055	3,053	638	41,487	332	14,781	228,358
.....acres treated, 2012	5,944	2,881	190	41,620	216	10,971	211,108
Pastureland and rangeland fertilizedfarms, 2017	27	158	16	73	22	108	209
.....farms, 2012	24	119	5	65	13	87	188
.....acres treated, 2017	597	2,988	188	2,937	274	873	4,787
.....acres treated, 2012	837	1,104	90	1,055	137	842	4,598
Manurefarms, 2017	24	260	46	174	35	294	290
.....farms, 2012	25	182	37	174	16	175	229
.....acres treated, 2017	1,033	1,936	409	9,998	236	6,682	5,106
.....acres treated, 2012	255	1,841	192	7,944	(D)	7,453	2,662
Organic fertilizer (see text)farms, 2017	5	29	47	67	6	78	52
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	100	152	282	2,780	40	1,076	1,375
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	4	78	14	110	8	74	209
.....farms, 2012	3	118	22	166	10	110	224
.....acres, 2017	120	803	(D)	25,015	128	5,680	56,112
.....acres, 2012	(D)	1,901	70	28,948	151	4,298	51,542
Weeds, grass, or brushfarms, 2017	72	238	12	185	43	223	741
.....farms, 2012	90	287	25	310	34	264	888
.....acres, 2017	5,663	4,267	235	35,776	601	10,152	263,821
.....acres, 2012	3,179	3,615	189	43,762	496	12,058	267,130
Nematodesfarms, 2017	-	8	1	23	-	17	15
.....farms, 2012	-	10	6	35	2	27	19
.....acres, 2017	-	49	(D)	5,360	-	1,196	11,106
.....acres, 2012	-	577	19	9,471	(D)	1,469	14,739
Diseases in crops and orchardsfarms, 2017	-	34	13	76	9	52	159
.....farms, 2012	1	48	10	114	9	65	167
.....acres, 2017	-	604	22	17,483	230	4,106	81,666
.....acres, 2012	(D)	881	34	22,373	77	3,069	78,629
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	-	4	6	19	1	13	46
.....farms, 2012	-	9	2	28	6	15	57
.....acres on which used, 2017	-	(D)	6	8,130	(D)	674	21,548
.....acres on which used, 2012	-	(D)	(D)	8,946	43	1,828	6,324
Item	Stevens	Thurston	Wahkiakum	Walla Walla	Whatcom	Whitman	Yakima
Commercial fertilizer, lime, and soil conditionersfarms, 2017	281	271	21	459	424	635	1,326
.....farms, 2012	303	226	9	468	442	635	1,251
.....acres treated, 2017	20,371	5,755	576	248,251	34,089	577,573	207,449
.....acres treated, 2012	26,226	3,866	182	241,195	39,522	560,571	166,797
Cropland fertilized, except cropland pasturefarms, 2017	230	162	16	370	351	594	1,124
.....farms, 2012	256	146	4	364	395	607	1,131
.....acres treated, 2017	18,057	3,836	319	246,280	33,030	576,168	199,664
.....acres treated, 2012	24,766	3,013	(D)	238,446	38,550	553,208	162,834
Pastureland and rangeland fertilizedfarms, 2017	87	135	6	135	88	63	312
.....farms, 2012	90	100	5	136	66	60	212
.....acres treated, 2017	2,314	1,919	257	1,971	1,059	1,405	7,785
.....acres treated, 2012	1,460	853	(D)	2,749	972	7,363	3,963
Manurefarms, 2017	164	230	17	99	388	48	330
.....farms, 2012	139	228	14	91	353	41	280
.....acres treated, 2017	2,679	4,388	515	5,341	24,803	1,033	24,417
.....acres treated, 2012	2,230	5,177	672	3,295	30,930	818	18,146
Organic fertilizer (see text)farms, 2017	53	81	13	28	58	1	140
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	828	1,202	(D)	1,818	352	(D)	7,514
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	47	48	8	150	203	210	824
.....farms, 2012	56	78	4	191	226	249	893
.....acres, 2017	985	979	27	96,808	21,994	212,163	163,764
.....acres, 2012	799	1,442	(D)	76,347	18,327	178,809	95,575
Weeds, grass, or brushfarms, 2017	233	159	23	445	306	673	1,212
.....farms, 2012	350	201	23	558	444	748	1,360
.....acres, 2017	15,618	4,495	279	359,761	28,654	844,895	216,896
.....acres, 2012	23,355	3,443	304	345,814	36,077	766,795	171,960
Nematodesfarms, 2017	2	9	-	19	51	23	106
.....farms, 2012	8	9	-	23	81	22	131
.....acres, 2017	(D)	9	-	11,731	2,657	12,364	17,995
.....acres, 2012	796	(D)	-	15,390	6,242	18,693	15,302
Diseases in crops and orchardsfarms, 2017	28	25	5	185	131	368	520
.....farms, 2012	31	32	2	176	140	354	539
.....acres, 2017	596	407	15	157,003	13,776	408,149	82,209
.....acres, 2012	1,639	523	(D)	146,505	11,793	319,057	57,477
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	4	4	-	39	37	98	385
.....farms, 2012	4	9	-	46	64	73	533
.....acres on which used, 2017	(D)	9	-	25,962	2,866	65,402	58,315
.....acres on which used, 2012	(D)	20	-	19,489	5,952	34,784	66,905