

**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007**

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

Item	Montana	Beaverhead	Big Horn	Blaine	Broadwater	Carbon	Carter
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	9,667	160	117	207	118	257	39
..... 2007	10,218	146	181	204	109	226	59
..... acres treated, 2012	7,608,547	109,849	105,595	232,717	64,765	50,649	34,918
..... 2007	7,088,355	75,966	152,612	201,589	52,584	39,563	57,197
Cropland fertilized, except cropland pasture ..... farms, 2012	8,650	145	106	203	108	211	35
..... 2007	9,042	127	169	195	102	172	53
..... acres treated, 2012	7,146,316	69,044	103,254	231,577	63,013	43,931	(D)
..... 2007	6,823,389	68,666	150,557	198,311	51,019	32,056	54,757
Pastureland and rangeland fertilized ..... farms, 2012	1,752	39	21	7	18	95	4
..... 2007	2,088	37	19	19	13	100	7
..... acres treated, 2012	462,231	40,805	2,341	1,140	1,752	6,718	(D)
..... 2007	264,966	7,300	2,055	3,278	1,565	7,507	2,440
Manure ..... farms, 2012	2,429	63	20	28	34	91	10
..... 2007	2,781	56	17	42	29	87	12
..... acres treated, 2012	182,819	6,725	1,273	8,924	2,245	4,770	615
..... 2007	185,674	14,078	1,926	3,006	1,231	3,615	485
Acres treated to control--							
Insects ..... farms, 2012	1,595	12	69	24	14	51	7
..... 2007	1,540	26	68	33	17	45	13
..... acres, 2012	677,931	4,759	31,748	12,859	16,751	11,591	1,332
..... 2007	490,201	7,614	19,945	10,634	8,902	8,844	5,071
Weeds, grass, or brush ..... farms, 2012	10,440	143	130	232	127	267	90
..... 2007	9,787	109	156	171	112	223	77
..... acres, 2012	9,850,643	68,212	156,595	360,812	80,851	72,532	84,164
..... 2007	7,049,974	16,533	157,772	234,414	45,277	36,111	48,162
Nematodes ..... farms, 2012	178	3	6	-	1	9	-
..... 2007	70	-	7	-	-	9	-
..... acres, 2012	75,477	(D)	1,552	-	(D)	1,001	-
..... 2007	16,340	-	597	-	-	722	-
Diseases in crops and orchards ..... farms, 2012	1,105	6	14	22	19	13	-
..... 2007	610	3	6	8	10	7	4
..... acres, 2012	944,792	3,330	10,739	22,479	7,552	2,838	-
..... 2007	293,044	(D)	3,572	10,103	2,170	891	3,038
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	258	5	5	1	2	5	-
..... 2007	216	2	5	-	-	11	2
..... acres on which used, 2012	68,782	425	427	(D)	(D)	180	-
..... 2007	40,140	(D)	577	-	-	722	(D)
Item	Cascade	Chouteau	Custer	Daniels	Dawson	Deer Lodge	Fallon
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	310	420	121	155	218	27	57
..... 2007	326	468	132	172	241	28	71
..... acres treated, 2012	173,294	527,227	53,945	292,780	218,549	3,010	52,209
..... 2007	209,241	561,553	44,693	303,581	209,663	4,599	47,452
Cropland fertilized, except cropland pasture ..... farms, 2012	253	413	113	154	212	22	53
..... 2007	273	463	125	172	235	19	67
..... acres treated, 2012	154,516	522,988	(D)	292,548	209,053	2,875	51,819
..... 2007	197,118	553,512	43,563	(D)	208,168	3,751	46,159
Pastureland and rangeland fertilized ..... farms, 2012	79	14	9	3	18	6	6
..... 2007	87	12	25	1	20	12	4
..... acres treated, 2012	18,778	4,239	(D)	232	9,496	135	390
..... 2007	12,123	8,041	1,130	(D)	1,495	848	1,293
Manure ..... farms, 2012	83	20	29	13	34	10	10
..... 2007	90	25	24	29	58	13	9
..... acres treated, 2012	7,000	1,530	1,063	1,310	5,422	425	665
..... 2007	6,098	1,511	753	1,732	2,578	679	280
Acres treated to control--							
Insects ..... farms, 2012	38	24	59	14	32	2	5
..... 2007	29	38	70	4	35	5	4
..... acres, 2012	16,393	27,444	10,684	17,141	27,177	(D)	(D)
..... 2007	15,142	30,161	14,182	1,097	6,233	530	(D)
Weeds, grass, or brush ..... farms, 2012	358	484	129	176	227	28	74
..... 2007	423	435	103	150	197	31	80
..... acres, 2012	237,289	811,679	44,187	366,549	269,324	1,536	65,421
..... 2007	196,747	664,137	37,996	256,997	184,445	2,480	42,672
Nematodes ..... farms, 2012	3	2	3	-	5	-	3
..... 2007	-	1	-	-	-	-	-
..... acres, 2012	(D)	(D)	854	-	942	-	4,878
..... 2007	-	(D)	-	-	-	-	-
Diseases in crops and orchards ..... farms, 2012	16	65	6	42	51	-	3
..... 2007	15	32	8	10	12	-	5
..... acres, 2012	18,327	77,209	1,716	63,373	60,849	-	1,139
..... 2007	13,002	30,578	1,268	11,079	6,983	-	1,564
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	4	2	2	1	5	-	1
..... 2007	6	6	2	5	5	-	2
..... acres on which used, 2012	(D)	(D)	(D)	(D)	4,072	-	(D)
..... 2007	(D)	1,814	(D)	2,282	1,820	-	(D)

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

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

Item	Fergus	Flathead	Gallatin	Garfield	Glacier	Golden Valley	Granite
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	273	314	411	118	131	44	49
.....2007	347	369	400	100	155	34	56
.....acres treated, 2012	255,278	39,686	117,117	100,328	263,110	31,339	8,867
.....2007	241,808	44,247	111,179	99,201	254,215	23,478	13,986
Cropland fertilized, except cropland pasture .....farms, 2012	252	237	304	116	129	43	45
.....2007	322	293	314	99	150	30	45
.....acres treated, 2012	242,512	36,622	110,775	(D)	260,007	30,274	(D)
.....2007	235,385	40,015	101,943	(D)	(D)	(D)	12,278
Pastureland and rangeland fertilized .....farms, 2012	33	113	154	2	5	3	4
.....2007	48	132	134	3	7	5	17
.....acres treated, 2012	12,766	3,064	6,342	(D)	3,103	1,065	(D)
.....2007	6,423	4,232	9,236	(D)	(D)	(D)	1,708
Manure .....farms, 2012	64	142	160	8	12	4	12
.....2007	98	132	130	15	19	10	20
.....acres treated, 2012	4,271	2,528	7,439	293	6,163	(D)	2,094
.....2007	5,529	2,829	6,938	765	3,604	460	670
Acres treated to control--							
Insects .....farms, 2012	24	85	62	20	17	2	8
.....2007	39	73	55	6	10	4	10
.....acres, 2012	6,451	8,994	13,829	11,797	14,612	(D)	920
.....2007	14,640	7,835	9,781	1,292	21,620	(D)	1,489
Weeds, grass, or brush .....farms, 2012	324	347	446	133	143	49	43
.....2007	379	342	365	88	145	43	53
.....acres, 2012	285,746	43,670	139,292	201,547	344,445	33,687	4,279
.....2007	239,114	32,308	108,197	88,346	294,683	27,481	7,054
Nematodes .....farms, 2012	1	6	15	-	3	-	-
.....2007	1	-	1	-	-	-	-
.....acres, 2012	(D)	201	1,969	-	15,517	-	-
.....2007	(D)	-	(D)	-	-	-	-
Diseases in crops and orchards .....farms, 2012	18	50	55	3	24	-	4
.....2007	10	29	23	2	4	-	-
.....acres, 2012	19,354	10,004	32,935	4,700	31,888	-	605
.....2007	4,673	6,657	5,512	(D)	1,490	-	-
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	4	11	13	2	-	-	-
.....2007	3	8	10	-	1	-	-
.....acres on which used, 2012	503	893	3,164	(D)	-	-	-
.....2007	200	41	2,656	-	(D)	-	-
Item	Hill	Jefferson	Judith Basin	Lake	Lewis and Clark	Liberty	Lincoln
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	366	68	124	375	203	179	86
.....2007	361	73	116	495	207	183	72
.....acres treated, 2012	478,338	8,883	101,323	42,195	57,017	275,802	3,392
.....2007	454,691	8,280	112,974	39,150	53,236	278,393	3,611
Cropland fertilized, except cropland pasture .....farms, 2012	362	54	112	320	162	179	62
.....2007	357	43	104	412	178	182	59
.....acres treated, 2012	476,893	7,414	97,135	33,999	47,854	275,802	2,567
.....2007	453,042	6,063	104,320	31,438	49,029	276,788	2,862
Pastureland and rangeland fertilized .....farms, 2012	12	26	16	97	56	-	37
.....2007	14	32	21	156	56	7	27
.....acres treated, 2012	1,445	1,469	4,188	8,196	9,163	-	825
.....2007	1,649	2,217	8,654	7,712	4,207	1,605	749
Manure .....farms, 2012	22	43	44	90	106	16	35
.....2007	33	47	34	117	81	12	44
.....acres treated, 2012	10,000	1,039	3,471	3,050	3,352	5,317	1,041
.....2007	3,319	7,281	2,692	6,144	4,477	1,615	794
Acres treated to control--							
Insects .....farms, 2012	38	8	21	174	23	23	6
.....2007	22	10	11	233	22	11	4
.....acres, 2012	53,870	246	18,117	8,417	897	26,791	(D)
.....2007	24,692	149	8,181	8,276	2,491	17,208	82
Weeds, grass, or brush .....farms, 2012	385	95	159	394	207	194	81
.....2007	360	106	150	429	223	169	78
.....acres, 2012	738,755	6,384	125,443	39,754	55,573	399,012	3,041
.....2007	551,870	22,682	98,503	35,661	47,246	347,346	4,831
Nematodes .....farms, 2012	9	-	10	25	4	1	2
.....2007	1	-	1	9	1	-	-
.....acres, 2012	6,857	-	4,273	1,080	42	(D)	(D)
.....2007	(D)	-	(D)	284	(D)	-	-
Diseases in crops and orchards .....farms, 2012	53	1	10	115	5	25	1
.....2007	9	1	4	133	1	8	3
.....acres, 2012	79,251	(D)	5,408	6,718	(D)	28,807	(D)
.....2007	8,003	(D)	6,201	2,172	(D)	13,370	6
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	5	3	-	87	1	4	2
.....2007	1	-	2	73	-	1	2
.....acres on which used, 2012	5,298	75	-	2,366	(D)	7,525	(D)
.....2007	(D)	-	(D)	981	-	(D)	(D)

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

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

Item	McCone	Madison	Meagher	Mineral	Missoula	Musselshell	Park
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	262	178	51	14	170	61	135
..... farms, 2007	234	183	46	26	179	56	149
..... acres treated, 2012	352,280	74,369	36,567	877	6,565	56,164	38,597
..... acres treated, 2007	271,226	60,029	36,749	1,731	7,304	52,319	35,338
Cropland fertilized, except cropland pasture ..... farms, 2012	261	153	47	11	107	50	105
..... farms, 2007	234	149	42	12	103	46	124
..... acres treated, 2012	(D)	55,552	34,151	227	3,711	33,690	31,454
..... acres treated, 2007	257,496	50,961	34,993	1,073	3,575	49,095	30,529
Pastureland and rangeland fertilized ..... farms, 2012	5	58	12	5	82	15	45
..... farms, 2007	4	60	6	17	100	11	49
..... acres treated, 2012	(D)	18,817	2,416	650	2,854	22,474	7,143
..... acres treated, 2007	13,730	9,068	1,756	658	3,729	3,224	4,809
Manure ..... farms, 2012	15	75	13	6	97	17	66
..... farms, 2007	27	79	18	6	115	16	78
..... acres treated, 2012	709	6,714	1,080	(D)	1,446	1,001	2,206
..... acres treated, 2007	3,170	11,865	4,686	370	1,935	804	2,485
Acres treated to control--							
Insects ..... farms, 2012	50	14	6	2	34	9	14
..... farms, 2007	14	29	4	1	23	5	20
..... acres, 2012	31,885	3,732	3,816	(D)	214	8,319	1,074
..... acres, 2007	12,001	4,313	1,660	(D)	466	2,270	11,415
Weeds, grass, or brush ..... farms, 2012	315	182	50	28	193	80	189
..... farms, 2007	212	198	40	41	211	79	204
..... acres, 2012	441,952	75,740	63,572	2,203	7,560	41,944	78,296
..... acres, 2007	252,879	51,727	21,538	2,117	19,932	37,041	36,382
Nematodes ..... farms, 2012	6	3	-	-	5	-	-
..... farms, 2007	1	1	-	-	1	-	-
..... acres, 2012	2,028	490	-	-	12	-	-
..... acres, 2007	(D)	(D)	-	-	(D)	-	-
Diseases in crops and orchards ..... farms, 2012	48	9	1	-	10	1	2
..... farms, 2007	25	8	1	-	10	1	-
..... acres, 2012	61,809	5,987	(D)	-	24	(D)	(D)
..... acres, 2007	21,001	3,754	(D)	-	14	(D)	-
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	5	10	2	-	2	-	4
..... farms, 2007	2	3	-	-	2	-	4
..... acres on which used, 2012	1,974	1,363	(D)	-	(D)	-	264
..... acres on which used, 2007	(D)	161	-	-	(D)	-	99
Item	Petroleum	Phillips	Pondera	Powder River	Powell	Prairie	Ravalli
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	20	212	280	46	78	72	497
..... farms, 2007	23	195	296	60	77	78	536
..... acres treated, 2012	42,264	237,722	271,041	16,820	30,470	39,821	43,525
..... acres treated, 2007	24,751	158,545	308,955	25,152	19,399	46,888	37,543
Cropland fertilized, except cropland pasture ..... farms, 2012	20	207	258	41	62	71	403
..... farms, 2007	23	189	282	55	57	73	392
..... acres treated, 2012	(D)	233,840	266,895	16,453	24,748	38,981	26,614
..... acres treated, 2007	24,751	155,278	298,209	(D)	16,782	46,688	25,672
Pastureland and rangeland fertilized ..... farms, 2012	2	15	33	7	28	3	200
..... farms, 2007	-	26	35	6	26	5	263
..... acres treated, 2012	(D)	3,882	4,146	367	5,722	840	16,911
..... acres treated, 2007	-	3,267	10,746	(D)	2,617	200	11,871
Manure ..... farms, 2012	3	33	40	9	42	11	241
..... farms, 2007	4	48	76	12	32	21	268
..... acres treated, 2012	330	2,090	5,181	175	9,941	260	6,391
..... acres treated, 2007	120	2,757	9,691	797	2,660	1,530	7,287
Acres treated to control--							
Insects ..... farms, 2012	4	11	22	25	11	14	73
..... farms, 2007	4	9	20	27	3	28	57
..... acres, 2012	(D)	4,127	12,916	9,429	621	4,228	1,976
..... acres, 2007	1,643	4,193	16,217	6,095	300	9,716	631
Weeds, grass, or brush ..... farms, 2012	50	194	283	72	94	74	339
..... farms, 2007	33	184	285	65	94	63	382
..... acres, 2012	66,360	295,608	395,156	29,343	20,420	62,111	14,118
..... acres, 2007	31,115	151,992	299,660	18,099	14,053	29,243	17,438
Nematodes ..... farms, 2012	-	-	8	-	-	1	12
..... farms, 2007	-	1	-	-	-	-	-
..... acres, 2012	-	-	17,654	-	-	(D)	129
..... acres, 2007	-	(D)	-	-	-	-	-
Diseases in crops and orchards ..... farms, 2012	-	26	33	-	2	8	37
..... farms, 2007	-	5	14	-	-	1	19
..... acres, 2012	-	20,222	18,639	-	(D)	4,361	2,020
..... acres, 2007	-	(D)	9,298	-	-	(D)	151
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	-	-	1	3	2	1	15
..... farms, 2007	1	2	-	-	-	-	11
..... acres on which used, 2012	-	-	(D)	225	(D)	(D)	111
..... acres on which used, 2007	(D)	(D)	-	-	-	-	347

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

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

Item	Richland	Roosevelt	Rosebud	Sanders	Sheridan	Silver Bow	Stillwater	
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	246	249	100	91	264	19	152	
.....farms, 2007	251	246	94	142	276	27	186	
.....acres treated, 2012	261,464	384,669	234,574	11,376	395,589	1,748	66,734	
.....acres treated, 2007	248,953	328,380	63,702	8,159	392,497	5,039	53,024	
Cropland fertilized, except cropland pasture .....farms, 2012	237	246	94	78	262	12	127	
.....farms, 2007	241	245	91	108	275	15	153	
.....acres treated, 2012	259,694	383,116	(D)	4,836	395,246	1,450	56,412	
.....acres treated, 2007	228,646	327,410	(D)	6,140	383,658	3,747	50,108	
Pastureland and rangeland fertilized .....farms, 2012	15	5	19	30	6	7	47	
.....farms, 2007	26	10	8	52	7	14	55	
.....acres treated, 2012	1,770	1,553	(D)	6,540	343	298	10,322	
.....acres treated, 2007	20,307	970	(D)	2,019	8,839	1,292	2,916	
Manure .....farms, 2012	52	13	12	38	40	14	51	
.....farms, 2007	63	43	19	34	49	22	66	
.....acres treated, 2012	16,712	1,228	2,699	1,855	5,105	602	4,963	
.....acres treated, 2007	8,042	2,254	1,688	1,172	3,453	597	3,258	
Acres treated to control--								
Insects .....farms, 2012	71	23	48	16	18	4	22	
.....farms, 2007	50	18	33	26	32	5	21	
.....acres, 2012	30,773	38,535	21,557	1,114	11,639	601	2,912	
.....acres, 2007	27,560	16,911	8,500	733	30,292	60	1,009	
Weeds, grass, or brush .....farms, 2012	257	275	112	99	302	35	177	
.....farms, 2007	194	220	87	131	265	51	169	
.....acres, 2012	298,106	486,552	135,941	6,249	539,760	3,336	73,774	
.....acres, 2007	190,142	331,221	55,733	5,966	394,189	5,283	66,382	
Nematodes .....farms, 2012	4	-	3	3	1	-	-	
.....farms, 2007	3	-	5	-	2	-	-	
.....acres, 2012	361	-	(D)	7	(D)	-	-	
.....acres, 2007	665	-	788	-	(D)	-	-	
Diseases in crops and orchards .....farms, 2012	33	43	8	5	47	1	-	
.....farms, 2007	24	21	5	7	22	1	5	
.....acres, 2012	27,871	44,436	9,266	19	74,624	(D)	-	
.....acres, 2007	12,128	22,306	2,050	13	9,638	(D)	4,035	
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	-	4	-	1	25	-	-	
.....farms, 2007	4	5	2	3	23	-	1	
.....acres on which used, 2012	-	1,550	-	(D)	24,154	-	-	
.....acres on which used, 2007	804	2,416	(D)	3	14,820	-	(D)	
Item	Sweet Grass	Teton	Toole	Treasure	Valley	Wheatland	Wibaux	Yellowstone
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	84	358	219	56	300	47	65	394
.....farms, 2007	95	371	185	44	273	51	70	438
.....acres treated, 2012	32,069	270,046	310,380	32,873	422,938	50,570	52,365	131,888
.....acres treated, 2007	24,580	275,319	271,967	21,491	325,067	73,960	61,463	150,083
Cropland fertilized, except cropland pasture .....farms, 2012	71	334	217	55	292	46	65	313
.....farms, 2007	80	336	184	40	271	45	67	350
.....acres treated, 2012	19,364	265,100	(D)	32,390	419,462	(D)	(D)	125,061
.....acres treated, 2007	22,022	265,411	266,789	20,939	324,782	59,372	60,689	139,695
Pastureland and rangeland fertilized .....farms, 2012	21	60	4	4	10	2	1	134
.....farms, 2007	29	75	9	6	3	9	7	155
.....acres treated, 2012	12,705	4,946	(D)	483	3,476	(D)	(D)	6,827
.....acres treated, 2007	2,558	9,908	5,178	552	285	14,588	774	10,388
Manure .....farms, 2012	23	58	20	16	25	14	16	166
.....farms, 2007	41	85	25	17	49	13	25	147
.....acres treated, 2012	1,332	3,587	2,539	1,050	1,108	1,572	965	7,261
.....acres treated, 2007	1,416	6,919	6,714	973	3,621	1,743	1,523	7,055
Acres treated to control--								
Insects .....farms, 2012	10	30	20	29	32	5	-	116
.....farms, 2007	19	16	12	28	10	4	7	118
.....acres, 2012	4,015	13,515	35,266	19,300	18,850	(D)	-	37,030
.....acres, 2007	8,380	7,143	16,616	11,748	4,688	(D)	670	19,688
Weeds, grass, or brush .....farms, 2012	114	384	238	53	309	51	81	345
.....farms, 2007	111	319	201	45	250	39	68	349
.....acres, 2012	23,948	364,504	433,087	36,497	491,987	42,222	76,616	203,902
.....acres, 2007	21,518	263,268	335,804	21,596	312,582	43,837	55,929	134,243
Nematodes .....farms, 2012	1	-	-	3	8	-	-	9
.....farms, 2007	-	-	4	4	-	-	-	17
.....acres, 2012	(D)	-	-	740	8,150	-	-	1,039
.....acres, 2007	-	-	6,230	(D)	-	-	-	1,175
Diseases in crops and orchards .....farms, 2012	1	54	33	12	44	3	10	13
.....farms, 2007	-	35	13	5	11	-	12	18
.....acres, 2012	(D)	33,695	49,686	8,870	67,926	1,400	12,501	6,683
.....acres, 2007	-	16,748	24,740	686	11,580	-	7,737	5,521
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	1	5	5	-	1	-	4	2
.....farms, 2007	-	-	-	-	5	-	1	-
.....acres on which used, 2012	(D)	434	3,440	-	(D)	-	496	(D)
.....acres on which used, 2007	-	-	-	-	2,666	-	(D)	-