

**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002**

[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, 2007	10,218	146	181	204	109	226	59
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	7,088,355	75,966	152,612	201,589	52,584	39,563	57,197
2002	6,647,571	85,733	130,028	179,662	53,969	85,038	46,677
Cropland fertilized, except cropland pastured	farms, 2007	9,042	127	169	195	102	53
	2002	10,061	154	180	235	101	69
acres treated, 2007	6,823,389	68,666	150,557	198,311	51,019	32,056	54,757
	2002	6,463,919	70,104	129,058	178,587	53,104	77,052
Pastureland and rangeland fertilized	farms, 2007	2,088	37	19	19	13	7
	2002	1,869	45	9	12	7	1
acres treated, 2007	264,966	7,300	2,055	3,278	1,565	7,507	2,440
	2002	183,652	15,629	970	1,075	865	7,986
Manure <sup>1</sup>	farms, 2007	2,781	56	17	42	29	87
	2002	3,123	63	29	43	39	12
acres treated, 2007	185,674	14,078	1,926	3,006	1,231	3,615	485
	2002	220,702	5,521	3,883	25,322	2,536	5,513
Chemicals used to control-	1						
Insects	farms, 2007	1,540	26	68	33	17	45
	2002	1,383	14	46	26	14	83
acres treated, 2007	490,201	7,614	19,945	10,634	8,902	8,844	5,071
	2002	445,226	5,131	13,681	10,813	2,441	19,201
Weeds, grass, or brush	farms, 2007	9,787	109	156	171	112	223
	2002	9,166	122	138	174	93	325
acres treated, 2007	7,049,974	16,533	157,772	234,414	45,277	36,111	48,162
	2002	5,780,062	22,960	130,175	189,378	46,054	62,802
Nematodes	farms, 2007	70	-	7	-	9	-
	2002	133	-	7	11	2	8
acres treated, 2007	16,340	-	597	-	-	722	-
	2002	15,858	-	345	2,040	(D)	-
Diseases in crops and orchards	farms, 2007	610	3	6	8	10	7
	2002	521	2	11	18	9	4
acres treated, 2007	293,044	(D)	3,572	10,103	2,170	891	3,038
	2002	248,554	(D)	2,046	10,065	1,636	(D)
Chemicals used on crops to control growth,							
thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	216	2	5	-	11	2
	2002	251	4	9	-	16	-
acres treated, 2007	40,140	(D)	577	-	-	722	(D)
	2002	64,684	1,026	964	-	246	850
Item	Cascade	Chouteau	Custer	Daniels	Dawson	Deer Lodge	Fallon
Commercial fertilizer, lime, and soil conditioners							
farms, 2007	326	468	132	172	241	28	71
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	209,241	561,553	44,693	303,581	209,663	4,599	47,452
	2002	220,118	595,808	35,061	245,604	193,472	9,601
Cropland fertilized, except cropland pastured	farms, 2007	273	463	125	172	235	67
	2002	296	475	117	175	265	100
acres treated, 2007	197,118	553,512	43,563	(D)	208,168	3,751	46,159
	2002	216,147	581,458	35,022	(D)	192,625	8,967
Pastureland and rangeland fertilized	farms, 2007	87	12	25	1	20	12
	2002	71	23	12	1	11	8
acres treated, 2007	12,123	8,041	1,130	(D)	1,495	848	1,293
	2002	3,971	14,350	39	(D)	847	634
Manure <sup>1</sup>	farms, 2007	90	25	24	29	58	13
	2002	109	45	46	19	35	11
acres treated, 2007	6,098	1,511	753	1,732	2,578	679	280
	2002	15,064	2,924	1,864	1,264	1,359	848
Chemicals used to control-	1						
Insects	farms, 2007	29	38	70	4	35	5
	2002	16	68	49	5	5	-
acres treated, 2007	15,142	30,161	14,182	1,097	6,233	530	(D)
	2002	5,390	55,857	5,460	(D)	1,969	-
Weeds, grass, or brush	farms, 2007	423	435	103	150	197	31
	2002	330	418	112	113	198	80
acres treated, 2007	196,747	664,137	37,996	256,997	184,445	2,480	42,672
	2002	210,221	631,582	20,051	157,081	170,860	3,001
Nematodes	farms, 2007	-	1	-	-	-	-
	2002	1	5	4	-	10	-
acres treated, 2007	-	(D)	-	-	-	-	-
	2002	-	400	180	-	10	-
Diseases in crops and orchards	farms, 2007	15	32	8	10	-	-
	2002	8	17	6	6	-	-
acres treated, 2007	13,002	30,578	1,268	11,079	6,983	-	5
	2002	17,206	24,059	591	6,734	15,564	(D)
Chemicals used on crops to control growth,							
thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	6	6	2	5	-	2
	2002	4	3	-	-	-	-
acres treated, 2007	(D)	1,814	(D)	2,282	1,820	-	(D)
	2002	6,859	4,078	-	-	-	-

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Fergus	Flathead	Gallatin	Garfield	Glacier	Golden Valley	Granite
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup>							
farms, 2007	347	369	400	100	155	34	56
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	241,808	44,247	111,179	99,201	254,215	23,478	13,986
2002	268,608	53,307	151,239	83,002	225,667	26,768	13,342
Cropland fertilized, except cropland pastured							
farms, 2007	322	293	314	99	150	30	45
2002	329	379	387	87	158	36	41
acres treated, 2007	235,385	40,015	101,943	(D)	(D)	(D)	12,278
2002	263,746	51,669	132,199	82,472	220,162	26,544	12,867
Pastureland and rangeland fertilized							
farms, 2007	48	132	134	3	7	5	17
2002	42	106	200	5	9	3	8
acres treated, 2007	6,423	4,232	9,236	(D)	(D)	(D)	1,708
2002	4,862	1,638	19,040	530	5,505	224	475
Manure <sup>1</sup>							
farms, 2007	98	132	130	15	19	10	20
2002	63	93	152	28	33	10	30
acres treated, 2007	5,529	2,829	6,938	765	3,604	460	670
2002	9,089	1,498	8,590	1,966	5,073	782	2,626
Chemicals used to control- <sup>1</sup>							
Insects							
farms, 2007	39	73	55	6	10	4	10
2002	45	44	48	4	62	9	2
acres treated, 2007	14,640	7,835	9,781	1,292	21,620	(D)	1,489
2002	8,826	2,130	11,922	2,576	52,046	3,112	(D)
Weeds, grass, or brush							
farms, 2007	379	342	365	88	145	43	53
2002	313	298	422	76	133	37	55
acres treated, 2007	239,114	32,308	108,197	88,346	294,683	27,481	7,054
2002	180,625	35,194	87,520	87,239	189,606	22,896	9,199
Nematodes							
farms, 2007	1	-	1	-	-	-	-
2002	11	13	2	-	1	-	-
acres treated, 2007	(D)	-	(D)	-	-	-	-
2002	66	(D)	(D)	-	(D)	-	-
Diseases in crops and orchards							
farms, 2007	10	29	23	2	4	-	-
2002	26	34	9	2	10	-	-
acres treated, 2007	4,673	6,657	5,512	(D)	1,490	-	-
2002	8,366	1,665	2,835	(D)	11,881	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>							
farms, 2007	3	8	10	-	1	-	-
2002	17	1	6	1	-	-	-
acres treated, 2007	200	41	2,656	-	(D)	-	-
2002	6,778	(D)	1,485	(D)	-	-	-
Item	Hill	Jefferson	Judith Basin	Lake	Lewis and Clark	Liberty	Lincoln
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup>							
farms, 2007	361	73	116	495	207	183	72
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	454,691	8,280	112,974	39,150	53,236	278,393	3,611
2002	360,406	13,794	117,024	43,357	42,603	221,849	4,800
Cropland fertilized, except cropland pastured							
farms, 2007	357	43	104	412	178	182	59
2002	370	78	126	497	139	162	105
acres treated, 2007	453,042	6,063	104,320	31,438	49,029	276,788	2,862
2002	(D)	12,516	114,362	34,022	41,343	221,849	4,190
Pastureland and rangeland fertilized							
farms, 2007	14	32	21	156	56	7	27
2002	2	23	9	170	33	-	49
acres treated, 2007	1,649	2,217	8,654	7,712	4,207	1,605	749
2002	(D)	1,278	2,662	9,335	1,260	-	610
Manure <sup>1</sup>							
farms, 2007	33	47	34	117	81	12	44
2002	14	45	50	141	101	19	27
acres treated, 2007	3,319	7,281	2,692	6,144	4,477	1,615	794
2002	2,755	1,731	3,954	6,525	3,870	2,369	465
Chemicals used to control- <sup>1</sup>							
Insects							
farms, 2007	22	10	11	233	22	11	4
2002	41	-	27	205	23	38	-
acres treated, 2007	24,692	149	8,181	8,276	2,491	17,208	82
2002	27,001	-	4,475	4,319	2,636	35,308	-
Weeds, grass, or brush							
farms, 2007	360	106	150	429	223	169	78
2002	376	108	150	385	173	155	60
acres treated, 2007	551,870	22,682	98,503	35,661	47,246	347,346	4,831
2002	485,799	7,235	103,799	25,353	45,800	277,223	1,748
Nematodes							
farms, 2007	1	-	1	9	1	-	-
2002	1	-	-	19	-	1	-
acres treated, 2007	(D)	-	(D)	284	(D)	-	-
2002	(D)	-	-	538	(D)	-	-
Diseases in crops and orchards							
farms, 2007	9	1	4	133	1	8	3
2002	22	-	11	112	2	16	-
acres treated, 2007	8,003	(D)	6,201	2,172	(D)	13,370	6
2002	10,132	-	18,160	2,703	(D)	21,458	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>							
farms, 2007	1	-	2	73	-	1	2
2002	2	1	4	74	13	8	-
acres treated, 2007	(D)	(D)	(D)	981	(D)	7,065	(D)
2002	(D)	(D)	240	1,476	367	-	-

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	McCone	Madison	Meagher	Mineral	Missoula	Musselshell	Park
Commercial fertilizer, lime, and soil conditioners							
farms, 2007	234	183	46	26	179	56	149
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	271,226	60,029	36,749	1,731	7,304	52,319	35,338
2002	231,405	46,590	41,831	1,388	11,076	36,305	30,413
Cropland fertilized, except cropland pastured	farms, 2007	234	149	42	12	46	124
	2002	231	171	51	20	139	51
acres treated, 2007	257,496	50,961	34,993	1,073	3,575	49,095	30,529
	2002	227,404	41,824	40,146	1,188	7,556	35,360
Pastureland and rangeland fertilized	farms, 2007	4	60	6	17	100	11
	2002	9	44	7	8	81	10
acres treated, 2007	13,730	9,068	1,756	658	3,729	3,224	4,809
	2002	4,001	4,766	1,685	200	3,520	945
Manure <sup>1</sup>	farms, 2007	27	79	18	6	115	16
	2002	36	86	33	8	91	33
acres treated, 2007	3,170	11,865	4,686	370	1,935	804	2,485
	2002	1,379	9,894	2,555	299	755	1,058
Chemicals used to control-	1						
Insects	farms, 2007	14	29	4	1	23	5
	2002	18	18	4	1	-	3
acres treated, 2007	12,001	4,313	1,660	(D)	466	2,270	11,415
	2002	4,204	1,011	4,180	(D)	(D)	7,236
Weeds, grass, or brush	farms, 2007	212	198	40	41	211	79
	2002	179	129	48	27	236	80
acres treated, 2007	252,879	51,727	21,538	2,117	19,932	37,041	36,382
	2002	195,529	26,024	29,740	2,198	23,025	36,701
Nematodes	farms, 2007	1	1	-	-	1	-
	2002	-	-	-	-	-	-
acres treated, 2007	(D)	(D)	-	-	(D)	-	-
	2002	-	-	-	-	-	-
Diseases in crops and orchards	farms, 2007	25	8	1	-	10	1
	2002	2	2	1	-	-	-
acres treated, 2007	21,001	3,754	(D)	-	14	(D)	-
	2002	(D)	(D)	-	-	-	8
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	2	3	-	-	2	-
	2002	-	3	1	-	3	4
acres treated, 2007	(D)	161	-	-	(D)	-	99
	2002	325	(D)	-	-	60	80
Item	Petroleum	Phillips	Ponnera	Powder River	Powell	Prairie	Ravalli
Commercial fertilizer, lime, and soil conditioners							
farms, 2007	23	195	296	60	77	78	536
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	24,751	158,545	308,955	25,152	19,399	46,888	37,543
	2002	6,967	137,750	292,313	27,618	25,712	41,981
Cropland fertilized, except cropland pastured	farms, 2007	23	189	282	55	57	392
	2002	13	179	313	85	64	440
acres treated, 2007	24,751	155,278	298,209	(D)	16,782	46,688	25,672
	2002	(D)	130,455	289,257	(D)	22,594	(D)
Pastureland and rangeland fertilized	farms, 2007	-	26	35	6	26	5
	2002	1	46	25	1	20	236
acres treated, 2007	-	3,267	10,746	(D)	2,617	200	11,871
	2002	(D)	7,295	3,056	(D)	3,118	(D)
Manure <sup>1</sup>	farms, 2007	4	48	76	12	32	21
	2002	4	43	70	10	51	26
acres treated, 2007	120	2,757	9,691	797	2,660	1,530	7,287
	2002	355	2,830	5,866	488	5,261	1,240
Chemicals used to control-	1						
Insects	farms, 2007	4	9	20	27	3	28
	2002	2	11	35	6	3	21
acres treated, 2007	1,643	4,193	16,217	6,095	300	9,716	631
	2002	(D)	5,390	12,130	571	15	3,286
Weeds, grass, or brush	farms, 2007	33	184	285	65	94	63
	2002	20	168	272	68	102	382
acres treated, 2007	31,115	151,992	299,660	18,099	14,053	29,243	17,438
	2002	25,378	112,600	278,060	18,532	21,743	26,994
Nematodes	farms, 2007	-	1	-	-	-	-
	2002	-	-	1	1	2	-
acres treated, 2007	-	(D)	-	(D)	(D)	(D)	-
	2002	-	-	(D)	(D)	(D)	-
Diseases in crops and orchards	farms, 2007	-	5	14	-	-	-
	2002	2	10	20	1	8	20
acres treated, 2007	-	(D)	9,298	-	-	(D)	151
	2002	4,674	17,907	(D)	-	1,014	1,018
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	1	2	-	-	-	11
	2002	-	5	9	-	-	9
acres treated, 2007	(D)	(D)	-	-	-	(D)	347
	2002	-	800	9,115	-	-	33

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Richland	Roosevelt	Rosebud	Sanders	Sheridan	Silver Bow	Stillwater	
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup>								
farms, 2007	251	246	94	142	276	27	186	
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
acres treated, 2007	248,953	328,380	63,702	8,159	392,497	5,039	53,024	
2002	162,895	355,668	64,873	13,578	345,763	1,468	68,020	
Cropland fertilized, except cropland pastured	farms, 2007	241	245	91	108	275	15	
	2002	224	303	85	163	304	14	
acres treated, 2007	228,646	327,410	(D)	6,140	383,658	3,747	50,108	
	2002	162,482	354,868	63,506	11,220	342,563	1,381	
Pastureland and rangeland fertilized	farms, 2007	26	10	8	52	7	55	
	2002	20	9	17	51	5	9	
acres treated, 2007	20,307	970	(D)	2,019	8,839	1,292	2,916	
	2002	413	800	1,367	2,358	3,200	87	
Manure <sup>1</sup>	farms, 2007	63	43	19	34	49	22	
	2002	121	59	33	27	65	32	
acres treated, 2007	8,042	2,254	1,688	1,172	3,453	597	3,258	
	2002	10,260	2,565	2,210	489	3,608	1,165	
Chemicals used to control- <sup>1</sup>								
Insects	farms, 2007	50	18	33	26	32	5	
	2002	43	23	20	1	44	2	
acres treated, 2007	27,560	16,911	8,500	733	30,292	60	1,009	
	2002	13,520	19,724	3,646	(D)	17,112	(D)	
Weeds, grass, or brush	farms, 2007	194	220	87	131	265	51	
	2002	195	265	70	106	245	153	
acres treated, 2007	190,142	331,221	55,733	5,966	394,189	5,283	66,382	
	2002	121,550	267,552	37,187	8,668	296,190	3,583	
Nematodes	farms, 2007	3	-	5	-	2	-	
	2002	11	-	1	-	-	1	
acres treated, 2007	665	-	788	-	(D)	-	-	
	2002	1,830	-	(D)	-	-	(D)	
Diseases in crops and orchards	farms, 2007	24	21	5	7	22	1	
	2002	7	2	4	1	14	5	
acres treated, 2007	12,128	22,306	2,050	13	9,638	(D)	4,035	
	2002	7,399	(D)	918	(D)	4,677	(D)	
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	4	5	2	3	23	-	
	2002	1	2	4	-	11	2	
acres treated, 2007	804	2,416	(D)	717	14,820	-	(D)	
	2002	(D)	(D)	(D)	4,860	(D)	-	
Item	Sweet Grass	Teton	Toole	Treasure	Valley	Wheatland	Wibaux	Yellowstone
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup>								
farms, 2007	95	371	185	44	273	51	70	438
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	24,580	275,319	271,967	21,491	325,067	73,960	61,463	150,083
	2002	19,635	262,331	182,045	17,769	336,198	60,450	62,600
Cropland fertilized, except cropland pastured	farms, 2007	80	336	184	40	271	45	350
	2002	73	366	155	49	300	46	402
acres treated, 2007	22,022	265,411	266,789	20,939	324,782	59,372	60,689	139,695
	2002	18,835	251,153	(D)	17,250	335,418	58,230	(D)
Pastureland and rangeland fertilized	farms, 2007	29	75	9	6	3	9	155
	2002	3	66	1	11	4	4	111
acres treated, 2007	2,558	9,908	5,178	552	285	14,588	774	10,388
	2002	800	11,178	(D)	519	780	2,220	(D)
Manure <sup>1</sup>	farms, 2007	41	85	25	17	49	13	147
	2002	47	70	12	16	39	19	234
acres treated, 2007	1,416	6,919	6,714	973	3,621	1,743	1,523	7,055
	2002	2,705	5,133	3,433	1,096	4,308	2,915	1,680
Chemicals used to control- <sup>1</sup>								
Insects	farms, 2007	19	16	12	28	10	4	118
	2002	-	22	28	15	9	5	82
acres treated, 2007	8,380	7,143	16,616	11,748	4,688	(D)	670	19,688
	2002	-	9,750	15,820	4,891	6,593	(D)	761
Weeds, grass, or brush	farms, 2007	111	319	201	45	250	39	349
	2002	93	314	146	35	183	44	316
acres treated, 2007	21,518	263,268	335,804	21,596	312,582	43,837	55,929	134,243
	2002	10,352	212,069	206,925	14,009	213,870	53,849	60,858
Nematodes	farms, 2007	-	-	4	4	-	-	17
	2002	-	-	-	5	-	-	13
acres treated, 2007	-	-	6,230	(D)	-	-	-	1,175
	2002	-	-	-	-	-	-	669
Diseases in crops and orchards	farms, 2007	-	35	13	5	11	-	12
	2002	-	40	10	5	3	-	18
acres treated, 2007	-	16,748	24,740	686	11,580	-	7,737	5,521
	2002	-	23,501	8,040	1,311	(D)	-	102
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup>	farms, 2007	-	-	-	5	-	1	-
	2002	-	-	25	1	-	-	2
acres treated, 2007	-	-	-	-	2,666	-	(D)	-
	2002	-	-	11,893	(D)	-	-	(D)

<sup>1</sup> 2002 data are based on a sample of farms.

<sup>2</sup> 2002 farm count data are not comparable due to calculation change.