

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Minnesota	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	41,674	127	188	365	249	520	300	710
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	14,802,681	16,925	17,761	152,555	45,682	101,521	161,403	245,589
.....acres treated, 2002	13,508,782	26,260	17,144	143,311	28,954	107,041	154,057	196,584
Cropland fertilized, except cropland pastured.....farms, 2007	40,418	114	177	350	239	501	300	696
.....farms, 2002	39,644	78	133	339	217	430	303	738
.....acres treated, 2007	14,645,173	16,424	17,618	150,961	43,487	99,785	160,892	245,157
.....acres treated, 2002	13,390,425	(D)	16,944	142,967	26,984	106,207	152,551	196,336
Pastureland and rangeland fertilized.....farms, 2007	3,613	20	23	27	35	51	9	29
.....farms, 2002	3,173	1	28	15	33	55	14	10
.....acres treated, 2007	157,508	501	143	1,594	2,195	1,736	511	432
.....acres treated, 2002	118,357	(D)	200	1,970	1,970	834	1,506	248
Manure ¹farms, 2007	18,970	82	107	208	96	333	69	242
.....farms, 2002	22,288	128	100	271	128	334	100	278
.....acres treated, 2007	1,663,594	2,308	1,798	14,067	4,155	26,283	6,907	32,232
.....acres treated, 2002	1,864,031	5,904	1,457	22,992	7,295	26,238	4,986	29,279
Chemicals used to control- ¹								
Insects.....farms, 2007	19,182	13	40	72	22	61	125	419
.....farms, 2002	8,694	37	22	36	18	30	19	129
.....acres treated, 2007	5,637,340	7,231	5,667	32,182	5,662	12,249	54,684	129,212
.....acres treated, 2002	1,634,613	3,629	4,375	11,176	3,100	4,357	4,699	14,844
Weeds, grass, or brush.....farms, 2007	34,775	46	126	334	108	424	259	632
.....farms, 2002	31,615	67	78	339	75	363	251	566
.....acres treated, 2007	14,085,409	9,412	14,575	131,676	22,855	86,625	167,860	293,851
.....acres treated, 2002	11,820,351	11,113	13,331	112,134	9,062	77,198	138,301	226,686
Nematodes.....farms, 2007	2,472	2	2	1	-	9	9	56
.....farms, 2002	861	-	3	2	-	-	-	10
.....acres treated, 2007	588,423	(D)	(D)	(D)	-	1,950	1,554	24,600
.....acres treated, 2002	166,242	-	140	(D)	-	-	-	1,365
Diseases in crops and orchards.....farms, 2007	3,005	7	15	35	7	13	34	38
.....farms, 2002	1,676	12	23	37	7	7	1	26
.....acres treated, 2007	1,209,321	(D)	873	18,052	4,152	1,897	10,877	4,290
.....acres treated, 2002	650,627	1,588	3,411	6,230	-	42	(D)	715
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	615	1	11	2	3	8	5	5
.....farms, 2002	400	4	20	18	1	1	1	1
.....acres treated, 2007	118,439	(D)	96	(D)	100	1,538	1,859	38
.....acres treated, 2002	107,195	388	105	1,674	-	(D)	(D)	(D)
Item	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clearwater
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	749	144	433	175	420	413	421	198
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	235,411	7,307	107,779	23,758	251,376	52,080	369,247	36,347
.....acres treated, 2002	202,056	9,322	83,697	25,551	171,253	49,560	367,721	52,559
Cropland fertilized, except cropland pastured.....farms, 2007	740	130	417	159	418	402	410	185
.....farms, 2002	765	152	476	246	415	341	459	187
.....acres treated, 2007	234,424	6,378	106,328	22,406	250,309	50,706	368,484	35,060
.....acres treated, 2002	201,756	8,961	82,962	24,201	170,963	48,179	366,806	50,531
Pastureland and rangeland fertilized.....farms, 2007	25	33	41	30	9	44	22	26
.....farms, 2002	12	47	65	29	38	65	73	26
.....acres treated, 2007	987	929	1,451	1,352	1,067	1,374	367	1,287
.....acres treated, 2002	300	361	735	1,350	290	1,381	915	2,028
Manure ¹farms, 2007	296	118	272	111	88	184	101	80
.....farms, 2002	396	136	361	177	125	194	109	105
.....acres treated, 2007	33,119	4,324	17,417	5,958	8,344	7,157	6,912	3,874
.....acres treated, 2002	51,611	7,728	21,216	5,732	13,992	4,638	10,028	4,665
Chemicals used to control- ¹								
Insects.....farms, 2007	548	8	239	11	237	69	153	19
.....farms, 2002	275	15	119	35	45	26	138	18
.....acres treated, 2007	105,716	(D)	37,757	374	77,195	9,201	126,556	8,726
.....acres treated, 2002	31,693	169	9,053	1,506	12,835	8,780	55,626	10,289
Weeds, grass, or brush.....farms, 2007	638	47	378	65	388	321	407	132
.....farms, 2002	586	40	417	57	324	285	344	98
.....acres treated, 2007	219,559	1,728	86,329	8,760	248,353	43,580	384,818	22,576
.....acres treated, 2002	139,121	1,562	58,554	4,174	150,129	46,284	304,233	25,827
Nematodes.....farms, 2007	98	-	35	2	29	-	8	2
.....farms, 2002	82	-	14	1	-	-	20	1
.....acres treated, 2007	15,060	-	5,764	(D)	4,836	407	4,434	(D)
.....acres treated, 2002	17,111	-	1,140	(D)	-	-	3,770	(D)
Diseases in crops and orchards.....farms, 2007	34	-	33	2	73	20	87	9
.....farms, 2002	7	1	10	1	23	2	80	13
.....acres treated, 2007	5,040	-	3,241	(D)	29,162	961	55,013	2,063
.....acres treated, 2002	120	(D)	52	(D)	8,573	(D)	37,405	3,365
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	2	-	7	1	14	9	14	5
.....farms, 2002	7	-	1	1	2	9	5	1
.....acres treated, 2007	(D)	-	111	(D)	2,015	75	7,366	251
.....acres treated, 2002	70	-	(D)	(D)	(D)	405	1,002	(D)

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	Cook	Cottonwood	Crow Wing	Dakota	Dodge	Douglas	Faribault	Fillmore
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	1	561	201	644	385	503	658	935
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	(D)	220,562	18,976	167,956	170,373	105,256	315,818	243,058
..... acres treated, 2002	(D)	185,644	17,548	125,180	151,887	96,158	239,788	207,411
Cropland fertilized, except cropland pastured farms, 2007	1	550	180	609	374	492	656	907
..... farms, 2002	2	561	226	535	381	474	638	865
..... acres treated, 2007	(D)	219,204	16,313	166,909	168,682	103,117	315,715	235,497
..... acres treated, 2002	(D)	219,204	16,313	166,909	168,682	103,117	315,715	235,497
Pastureland and rangeland fertilized farms, 2007	-	30	40	68	31	55	9	142
..... farms, 2002	1	2	53	39	60	34	1	108
..... acres treated, 2007	-	1,358	2,663	1,047	1,691	2,139	103	7,561
..... acres treated, 2002	(D)	1,358	2,663	1,047	1,691	2,139	103	7,561
Manure ¹ farms, 2007	1	196	121	251	195	254	213	472
..... farms, 2002	6	174	280	308	254	253	293	585
..... acres treated, 2007	(D)	27,946	5,143	13,798	19,309	16,838	30,478	40,086
..... acres treated, 2002	242	18,994	6,484	14,370	18,384	14,690	27,658	38,551
Chemicals used to control- ¹								
Insects farms, 2007	-	384	22	357	273	101	463	516
..... farms, 2002	-	83	26	245	142	45	187	297
..... acres treated, 2007	-	139,960	756	65,651	102,977	18,526	148,553	111,447
..... acres treated, 2002	-	30,706	(D)	27,906	33,551	3,172	32,159	43,343
Weeds, grass, or brush farms, 2007	-	481	108	456	323	479	575	739
..... farms, 2002	-	456	143	494	330	439	507	655
..... acres treated, 2007	-	263,380	7,939	146,456	170,156	102,687	348,232	201,452
..... acres treated, 2002	-	228,838	6,174	139,662	145,450	77,655	240,340	159,971
Nematodes farms, 2007	-	68	2	32	53	5	54	36
..... farms, 2002	-	16	11	9	15	-	17	-
..... acres treated, 2007	-	21,897	(D)	4,222	9,587	(D)	9,587	5,752
..... acres treated, 2002	-	4,479	44	1,231	4,065	-	479	3,190
Diseases in crops and orchards farms, 2007	-	17	7	60	28	17	51	48
..... farms, 2002	-	-	27	40	12	-	-	18
..... acres treated, 2007	-	5,104	16	3,990	7,611	3,188	20,887	5,699
..... acres treated, 2002	-	-	55	3,154	2,065	-	-	508
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	-	-	3	14	1	4	3	7
..... farms, 2002	-	-	1	14	8	-	-	-
..... acres treated, 2007	-	-	3	906	(D)	(D)	(D)	212
..... acres treated, 2002	-	-	(D)	1,224	24	-	-	-
Item	Freeborn	Goodhue	Grant	Hennepin	Houston	Hubbard	Isanti	Itasca
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	735	966	299	235	514	153	418	129
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	254,727	251,107	208,584	35,190	78,490	36,868	62,585	7,913
..... acres treated, 2002	204,076	186,778	197,550	34,278	79,703	37,394	74,239	10,700
Cropland fertilized, except cropland pastured farms, 2007	718	940	297	217	490	143	387	121
..... farms, 2002	715	828	255	226	493	98	434	129
..... acres treated, 2007	253,426	246,800	208,380	34,942	73,839	35,988	61,599	7,516
..... acres treated, 2002	204,042	183,822	197,106	34,074	76,253	37,144	73,787	10,500
Pastureland and rangeland fertilized farms, 2007	49	120	7	31	101	29	66	17
..... farms, 2002	12	60	7	71	135	5	34	25
..... acres treated, 2007	1,301	4,307	204	248	4,651	880	986	397
..... acres treated, 2002	34	2,956	444	204	3,450	250	452	200
Manure ¹ farms, 2007	311	492	52	138	329	96	160	67
..... farms, 2002	288	598	58	225	348	118	211	87
..... acres treated, 2007	25,505	42,333	5,369	4,290	24,611	8,360	3,817	2,351
..... acres treated, 2002	23,464	53,457	3,595	5,630	20,897	11,675	6,664	3,550
Chemicals used to control- ¹								
Insects farms, 2007	486	673	140	102	248	27	70	21
..... farms, 2002	169	258	19	52	232	10	53	-
..... acres treated, 2007	143,928	114,430	61,048	7,828	32,041	11,168	17,565	1,465
..... acres treated, 2002	26,269	30,154	6,746	1,609	33,211	8,205	13,640	-
Weeds, grass, or brush farms, 2007	637	797	273	178	421	84	277	61
..... farms, 2002	585	633	221	119	429	61	331	53
..... acres treated, 2007	263,180	215,174	196,724	28,354	56,711	19,995	51,580	3,346
..... acres treated, 2002	217,215	159,325	193,007	29,478	65,445	19,486	66,959	1,488
Nematodes farms, 2007	103	69	9	2	16	2	7	-
..... farms, 2002	3	18	13	1	8	1	6	-
..... acres treated, 2007	23,358	7,979	3,285	(D)	1,067	(D)	979	-
..... acres treated, 2002	(D)	918	1,801	(D)	800	(D)	600	-
Diseases in crops and orchards farms, 2007	22	50	40	34	8	7	9	5
..... farms, 2002	17	9	8	28	10	5	-	-
..... acres treated, 2007	10,832	4,623	14,411	575	367	3,670	431	(D)
..... acres treated, 2002	5,763	450	9,780	287	1,157	6,019	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	3	14	4	8	7	2	2	8
..... farms, 2002	3	9	4	2	1	1	-	-
..... acres treated, 2007	905	367	1,058	43	343	(D)	(D)	177
..... acres treated, 2002	954	450	6,865	(D)	(D)	(D)	-	-

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	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching	Lac qui Parle	Lake	Lake of the Woods
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	697	276	647	255	59	546	6	75
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	263,352	40,538	226,364	273,297	4,889	259,417	(D)	22,653
.....acres treated, 2002	218,893	47,459	185,178	338,871	8,097	231,082	(D)	49,541
Cropland fertilized, except cropland pasturedfarms, 2007	677	263	613	250	50	539	6	72
.....farms, 2002	666	280	573	304	78	536	12	84
.....acres treated, 2007	261,660	37,374	225,326	268,546	4,453	257,962	(D)	22,412
.....acres treated, 2002	218,604	42,998	184,842	336,915	7,737	230,880	(D)	49,150
Pastureland and rangeland fertilizedfarms, 2007	40	52	58	10	12	35	-	8
.....farms, 2002	17	40	20	19	23	12	2	21
.....acres treated, 2007	1,692	3,164	1,038	4,751	436	1,455	(D)	241
.....acres treated, 2002	289	4,461	336	1,956	360	202	(D)	391
Manure ¹farms, 2007	214	143	335	41	34	147	3	17
.....farms, 2002	230	148	279	46	59	202	10	23
.....acres treated, 2007	30,412	6,316	38,929	3,687	1,368	10,386	28	590
.....acres treated, 2002	38,851	10,223	40,971	6,638	1,664	16,693	(D)	1,260
Chemicals used to control- ¹								
Insectsfarms, 2007	505	20	298	87	15	345	1	9
.....farms, 2002	126	21	116	52	9	103	1	19
.....acres treated, 2007	150,806	2,378	77,330	66,194	1,027	118,555	(D)	4,242
.....acres treated, 2002	29,788	1,692	14,136	24,507	113	31,812	(D)	7,173
Weeds, grass, or brushfarms, 2007	619	172	579	243	29	483	-	38
.....farms, 2002	497	171	475	208	23	405	2	44
.....acres treated, 2007	291,443	29,219	216,791	237,862	2,142	261,941	(D)	11,047
.....acres treated, 2002	223,067	19,985	175,203	214,361	4,049	224,427	(D)	23,401
Nematodesfarms, 2007	100	-	35	9	-	48	-	-
.....farms, 2002	59	-	1	6	-	1	-	-
.....acres treated, 2007	26,423	-	6,448	4,681	-	15,295	-	-
.....acres treated, 2002	9,771	-	(D)	8,738	-	(D)	-	-
Diseases in crops and orchardsfarms, 2007	24	13	35	103	3	17	-	5
.....farms, 2002	-	30	20	71	3	30	1	17
.....acres treated, 2007	4,872	440	9,876	90,295	737	1,295	(D)	2,513
.....acres treated, 2002	-	680	4,877	52,418	249	7,023	(D)	6,252
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	1	2	14	13	-	2	-	1
.....farms, 2002	9	-	7	6	4	1	-	1
.....acres treated, 2007	(D)	(D)	1,778	8,267	-	(D)	-	(D)
.....acres treated, 2002	1,440	-	3,775	2,130	120	(D)	-	(D)
Item	Le Sueur	Lincoln	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	524	392	653	636	166	578	675	580
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	146,801	151,717	281,658	169,000	92,034	509,839	290,951	201,518
.....acres treated, 2002	140,615	120,288	198,871	152,209	107,924	496,259	253,362	176,380
Cropland fertilized, except cropland pasturedfarms, 2007	510	386	631	567	160	562	670	565
.....farms, 2002	487	427	541	576	176	580	760	498
.....acres treated, 2007	146,316	150,745	279,770	167,346	90,824	506,241	290,185	196,501
.....acres treated, 2002	139,701	119,853	196,283	151,654	106,253	490,997	253,168	(D)
Pastureland and rangeland fertilizedfarms, 2007	31	19	50	48	15	37	17	39
.....farms, 2002	12	22	46	40	31	72	31	2
.....acres treated, 2007	485	972	1,888	1,654	1,210	3,598	766	5,017
.....acres treated, 2002	914	435	2,588	555	1,671	5,262	194	(D)
Manure ¹farms, 2007	190	173	272	278	57	81	319	273
.....farms, 2002	191	195	313	312	77	99	367	300
.....acres treated, 2007	11,432	18,446	49,416	18,169	3,985	4,379	58,033	28,056
.....acres treated, 2002	11,954	18,923	42,063	17,768	7,321	6,716	52,430	24,310
Chemicals used to control- ¹								
Insectsfarms, 2007	287	191	376	283	25	192	423	254
.....farms, 2002	130	35	90	99	31	154	142	81
.....acres treated, 2007	68,612	67,163	115,247	50,945	9,448	155,529	130,139	65,666
.....acres treated, 2002	21,070	6,863	32,041	10,060	7,289	63,504	22,385	5,528
Weeds, grass, or brushfarms, 2007	476	377	542	539	149	491	619	512
.....farms, 2002	488	338	458	508	156	417	630	408
.....acres treated, 2007	150,404	164,953	254,561	151,966	83,152	423,211	337,786	203,775
.....acres treated, 2002	148,210	114,950	194,099	162,474	72,720	322,107	291,198	144,904
Nematodesfarms, 2007	30	25	67	55	-	16	11	22
.....farms, 2002	1	-	34	1	-	14	48	-
.....acres treated, 2007	7,852	7,536	17,107	8,950	-	12,961	30,372	3,472
.....acres treated, 2002	(D)	-	11,679	(D)	(D)	3,520	8,046	-
Diseases in crops and orchardsfarms, 2007	19	18	12	22	29	180	23	25
.....farms, 2002	8	-	-	-	13	193	2	17
.....acres treated, 2007	1,926	1,900	5,577	4,739	9,812	127,672	3,761	4,644
.....acres treated, 2002	24	-	-	-	4,780	108,385	(D)	898
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	2	-	2	6	4	26	7	5
.....farms, 2002	2	-	-	-	6	7	1	-
.....acres treated, 2007	(D)	-	(D)	110	946	7,067	4,114	404
.....acres treated, 2002	(D)	-	-	-	9,490	3,629	(D)	-

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	Mille Lacs	Morrison	Mower	Murray	Nicollet	Nobles	Norman	Olmsted
Commercial fertilizer, lime, and soil conditioners ^{1 2} farms, 2007	302	1,008	658	626	563	747	354	721
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	44,450	154,681	304,516	267,608	171,323	265,060	346,071	174,233
..... acres treated, 2002	33,343	149,085	246,172	220,453	136,405	235,409	380,771	168,969
Cropland fertilized, except cropland pastured farms, 2007	290	986	638	613	558	741	347	691
..... farms, 2002	283	965	650	617	526	786	429	669
..... acres treated, 2007	41,473	149,866	303,596	264,993	170,178	262,939	345,089	170,131
..... acres treated, 2002	33,268	144,075	245,892	220,135	136,405	235,139	380,301	164,634
Pastureland and rangeland fertilized farms, 2007	35	108	34	42	13	40	21	114
..... farms, 2002	14	61	35	16	-	22	17	134
..... acres treated, 2007	2,977	4,815	920	2,615	1,145	2,121	982	4,102
..... acres treated, 2002	75	5,010	280	318	-	270	470	4,335
Manure ¹ farms, 2007	206	691	285	233	285	288	96	346
..... farms, 2002	222	741	363	316	291	372	130	410
..... acres treated, 2007	14,704	60,599	26,437	26,425	31,468	38,811	5,015	23,049
..... acres treated, 2002	17,428	65,947	33,024	28,982	28,715	44,575	6,884	32,961
Chemicals used to control- ¹								
Insects farms, 2007	50	130	477	392	391	503	121	433
..... farms, 2002	39	107	156	134	74	233	83	356
..... acres treated, 2007	7,052	18,827	168,955	133,304	86,383	155,886	78,718	82,942
..... acres treated, 2002	6,873	8,601	25,467	32,849	10,985	48,532	25,054	36,890
Weeds, grass, or brush farms, 2007	217	783	556	525	487	622	317	580
..... farms, 2002	197	725	534	443	440	584	306	529
..... acres treated, 2007	34,712	108,135	264,959	265,486	182,815	284,116	308,270	148,966
..... acres treated, 2002	18,094	91,717	228,915	227,632	163,341	229,292	247,540	128,889
Nematodes farms, 2007	6	4	63	76	54	94	14	35
..... farms, 2002	-	1	1	22	12	38	3	22
..... acres treated, 2007	228	(D)	15,392	20,794	7,639	18,720	4,295	3,973
..... acres treated, 2002	-	(D)	15,392	3,670	(D)	2,345	1,620	2,171
Diseases in crops and orchards farms, 2007	10	22	51	12	28	47	91	50
..... farms, 2002	8	4	-	5	4	1	84	20
..... acres treated, 2007	216	2,883	11,437	3,506	2,558	9,147	73,495	9,804
..... acres treated, 2002	8	2,705	-	400	(D)	(D)	29,628	99
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	1	9	8	5	9	1	18	16
..... farms, 2002	-	12	1	1	-	-	5	1
..... acres treated, 2007	(D)	1,607	467	716	872	(D)	6,530	875
..... acres treated, 2002	-	3,169	(D)	(D)	-	-	2,772	(D)
Item	Otter Tail	Pennington	Pine	Pipestone	Polk	Pope	Ramsey	Red Lake
Commercial fertilizer, lime, and soil conditioners ^{1 2} farms, 2007	1,292	228	368	400	708	469	20	180
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	356,614	155,414	45,640	133,043	692,038	175,153	200	125,488
..... acres treated, 2002	313,156	143,749	51,236	128,080	742,055	187,589	87	117,923
Cropland fertilized, except cropland pastured farms, 2007	1,237	221	350	389	697	448	20	179
..... farms, 2002	1,201	210	298	429	775	450	15	188
..... acres treated, 2007	349,368	153,731	43,822	129,587	689,616	173,769	200	124,379
..... acres treated, 2002	308,349	141,185	47,169	126,644	740,174	187,450	87	117,276
Pastureland and rangeland fertilized farms, 2007	119	30	52	57	25	36	-	27
..... farms, 2002	102	30	126	46	75	6	-	26
..... acres treated, 2007	7,246	1,683	1,818	3,456	2,422	1,384	-	1,109
..... acres treated, 2002	4,807	2,564	4,067	1,436	1,881	139	-	647
Manure ¹ farms, 2007	685	50	271	189	128	173	2	60
..... farms, 2002	835	65	347	271	123	216	2	74
..... acres treated, 2007	51,146	2,375	13,819	22,399	19,292	18,650	(D)	3,266
..... acres treated, 2002	71,522	1,930	16,835	18,679	10,152	19,214	(D)	4,078
Chemicals used to control- ¹								
Insects farms, 2007	292	49	35	228	343	190	14	45
..... farms, 2002	182	7	16	112	242	83	12	39
..... acres treated, 2007	84,590	32,532	3,043	62,020	298,460	44,433	83	22,679
..... acres treated, 2002	40,455	2,380	3,356	20,719	158,412	14,247	45	7,701
Weeds, grass, or brush farms, 2007	1,273	208	215	336	724	460	8	176
..... farms, 2002	1,089	113	216	326	548	393	5	123
..... acres treated, 2007	336,883	141,091	26,491	129,424	683,882	174,270	29	108,362
..... acres treated, 2002	274,664	86,856	26,898	120,420	602,522	163,218	(D)	80,321
Nematodes farms, 2007	26	1	1	17	49	13	-	5
..... farms, 2002	11	-	-	16	36	12	-	-
..... acres treated, 2007	2,698	(D)	(D)	2,486	29,747	3,186	-	1,730
..... acres treated, 2002	3,157	-	-	548	27,038	71	-	-
Diseases in crops and orchards farms, 2007	52	50	11	11	302	24	6	53
..... farms, 2002	29	24	12	-	223	21	5	18
..... acres treated, 2007	18,319	37,237	274	1,058	283,802	2,465	12	28,081
..... acres treated, 2002	15,495	13,787	1,136	-	208,563	2,422	16	4,417
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	17	5	4	2	53	4	2	11
..... farms, 2002	4	-	-	-	44	3	2	1
..... acres treated, 2007	1,921	2,451	(D)	(D)	23,164	(D)	(D)	2,282
..... acres treated, 2002	2,609	-	-	-	21,788	705	(D)	(D)

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	Redwood	Renville	Rice	Rock	Roseau	St. Louis	Scott	Sherburne
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	875	771	691	470	418	223	393	266
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	347,017	411,390	140,488	164,271	261,119	14,777	65,230	59,139
.....acres treated, 2002	294,510	354,276	114,376	177,330	320,867	7,085	62,742	53,201
Cropland fertilized, except cropland pasturedfarms, 2007	867	766	662	452	403	193	366	263
.....farms, 2002	875	760	547	545	460	185	368	189
.....acres treated, 2007	345,703	410,987	137,498	160,820	258,951	12,991	63,449	58,650
.....acres treated, 2002	294,062	354,210	113,862	174,253	313,239	6,689	62,029	52,287
Pastureland and rangeland fertilizedfarms, 2007	25	15	61	63	36	56	47	16
.....farms, 2002	17	11	35	41	80	20	89	28
.....acres treated, 2007	1,314	403	2,990	3,451	2,168	1,786	1,781	489
.....acres treated, 2002	448	66	514	3,077	7,628	396	713	914
Manure ¹farms, 2007	308	265	323	251	116	156	174	99
.....farms, 2002	296	341	374	352	169	213	308	141
.....acres treated, 2007	32,069	36,674	18,740	30,593	6,178	4,073	11,218	5,159
.....acres treated, 2002	33,415	46,495	22,130	30,457	12,097	8,179	11,988	6,434
Chemicals used to control- ¹								
Insectsfarms, 2007	568	562	319	337	107	21	156	68
.....farms, 2002	169	307	142	162	92	17	65	56
.....acres treated, 2007	165,755	177,457	54,737	93,400	73,164	143	19,257	28,708
.....acres treated, 2002	29,519	51,635	15,947	32,743	19,548	(D)	5,851	20,563
Weeds, grass, or brushfarms, 2007	780	636	560	432	338	65	334	161
.....farms, 2002	699	607	501	360	290	77	431	194
.....acres treated, 2007	406,667	410,652	113,366	193,526	210,697	1,898	50,092	50,780
.....acres treated, 2002	312,443	392,482	110,889	150,931	155,362	1,309	46,675	46,152
Nematodesfarms, 2007	102	64	48	20	3	-	13	7
.....farms, 2002	78	5	9	-	-	-	2	4
.....acres treated, 2007	23,993	15,418	5,471	6,210	900	-	946	2,503
.....acres treated, 2002	6,344	1,096	1,476	-	-	-	(D)	704
Diseases in crops and orchardsfarms, 2007	36	98	43	29	82	5	21	26
.....farms, 2002	4	73	13	-	20	17	21	36
.....acres treated, 2007	6,937	26,396	3,383	5,558	60,884	7	475	8,407
.....acres treated, 2002	1,171	22,038	37	-	9,221	33	480	7,733
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	4	13	15	1	18	3	10	15
.....farms, 2002	18	7	13	8	1	-	1	14
.....acres treated, 2007	(D)	3,875	171	(D)	6,705	(D)	298	2,571
.....acres treated, 2002	1,300	1,941	640	4,992	(D)	-	(D)	4,576
Item	Sibley	Stearns	Steele	Stevens	Swift	Todd	Traverse	Wabasha
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	656	1,896	475	378	478	937	260	594
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	235,614	345,998	186,865	241,799	248,245	138,863	218,584	129,726
.....acres treated, 2002	218,227	322,328	163,955	188,720	247,992	99,800	211,952	114,421
Cropland fertilized, except cropland pasturedfarms, 2007	645	1,852	463	372	471	895	260	571
.....farms, 2002	689	1,559	427	307	479	795	272	570
.....acres treated, 2007	234,671	340,731	185,833	240,215	247,159	133,719	(D)	126,964
.....acres treated, 2002	217,915	315,551	162,838	187,830	247,270	97,903	211,202	112,189
Pastureland and rangeland fertilizedfarms, 2007	47	185	36	19	20	123	1	89
.....farms, 2002	15	158	32	8	19	49	5	63
.....acres treated, 2007	943	5,267	1,032	1,584	1,086	5,144	(D)	2,762
.....acres treated, 2002	312	6,777	1,117	890	722	1,897	750	2,232
Manure ¹farms, 2007	346	1,388	230	123	126	588	31	386
.....farms, 2002	407	1,397	223	163	164	534	40	418
.....acres treated, 2007	30,964	140,898	18,742	15,279	12,219	37,701	1,912	32,273
.....acres treated, 2002	32,414	137,638	22,547	22,272	27,063	41,915	6,597	34,919
Chemicals used to control- ¹								
Insectsfarms, 2007	438	528	299	171	268	134	110	368
.....farms, 2002	235	203	128	32	38	99	42	207
.....acres treated, 2007	102,842	73,013	104,338	67,651	98,704	17,127	60,788	58,690
.....acres treated, 2002	29,788	23,342	29,152	7,433	11,093	8,679	18,844	20,573
Weeds, grass, or brushfarms, 2007	574	1,628	432	298	421	773	224	473
.....farms, 2002	577	1,381	421	226	380	625	240	480
.....acres treated, 2007	217,535	283,035	165,918	236,416	238,827	99,766	223,300	96,181
.....acres treated, 2002	177,587	229,738	157,150	187,916	211,902	79,027	230,680	77,692
Nematodesfarms, 2007	102	24	62	4	51	4	6	31
.....farms, 2002	59	23	1	1	3	1	-	27
.....acres treated, 2007	22,026	2,831	17,349	1,400	9,554	170	4,078	3,692
.....acres treated, 2002	6,010	1,720	(D)	(D)	(D)	(D)	-	2,265
Diseases in crops and orchardsfarms, 2007	35	37	32	37	33	22	28	29
.....farms, 2002	13	22	14	23	11	4	17	10
.....acres treated, 2007	4,366	3,730	11,582	6,944	14,691	2,346	8,940	3,334
.....acres treated, 2002	640	2,809	3,047	1,465	2,183	2,026	6,991	514
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	1	12	4	6	14	11	1	11
.....farms, 2002	-	2	1	3	9	11	4	4
.....acres treated, 2007	(D)	1,374	247	1,838	2,709	1,223	(D)	460
.....acres treated, 2002	-	(D)	(D)	1,164	1,216	2,212	840	242

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	Wadena	Waseca	Washington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	256	505	346	402	279	638	723	586
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	38,575	170,588	33,962	172,831	297,365	125,252	147,200	259,944
2002	39,820	129,067	38,212	134,600	281,276	113,457	123,831	233,630
Cropland fertilized, except cropland pastured farms, 2007	249	500	323	396	275	599	696	581
2002	281	435	201	400	297	598	603	594
acres treated, 2007	37,032	170,361	32,196	171,989	(D)	120,386	145,141	259,162
2002	39,220	129,067	37,078	(D)	274,375	110,008	123,031	232,870
Pastureland and rangeland fertilized farms, 2007	40	20	60	14	5	107	63	22
2002	8	-	55	1	28	103	55	11
acres treated, 2007	1,543	227	1,766	842	(D)	4,866	2,059	782
2002	600	-	1,134	(D)	6,901	3,449	800	760
Manure ¹ farms, 2007	151	205	140	147	37	496	415	169
2002	198	233	227	162	64	515	482	210
acres treated, 2007	7,097	20,997	2,950	18,076	8,171	47,641	23,423	14,337
2002	18,504	20,466	6,534	24,054	8,820	56,388	25,033	22,786
Chemicals used to control- ¹								
Insects farms, 2007	26	346	124	248	132	351	252	326
2002	29	138	51	69	56	269	120	104
acres treated, 2007	4,711	87,975	14,171	81,585	92,170	57,639	40,123	110,176
2002	5,495	12,955	4,681	9,997	22,807	34,378	7,251	24,393
Weeds, grass, or brush farms, 2007	160	437	226	354	253	530	609	528
2002	182	410	220	303	254	451	574	587
acres treated, 2007	26,233	166,839	34,640	194,661	329,471	96,444	126,706	275,692
2002	24,340	136,812	53,144	148,446	284,780	81,283	92,057	337,781
Nematodes farms, 2007	-	66	4	54	7	16	27	66
2002	4	2	1	16	4	18	1	-
acres treated, 2007	-	10,993	177	21,058	10,251	5,218	3,505	16,988
2002	1,300	(D)	(D)	3,394	7,409	2,188	(D)	-
Diseases in crops and orchards farms, 2007	8	39	39	9	76	29	36	18
2002	6	3	16	-	41	8	21	3
acres treated, 2007	1,854	5,937	1,326	1,824	48,196	2,849	2,617	1,973
2002	4,855	589	1,333	-	25,461	500	618	565
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	3	2	10	-	12	14	18	-
2002	5	-	6	-	8	17	22	14
acres treated, 2007	(D)	(D)	347	-	5,412	429	368	-
2002	405	-	351	-	5,904	515	992	3,681

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.