

Table 41. Fertilizers and Chemicals Applied: 2012 and 2007

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

Item	Minnesota	Aitkin	Anoka	Becker	Beltrami	Benton
Commercial fertilizer, lime, and soil conditionersfarms, 2012	41,374	95	171	434	189	523
.....farms, 2007	41,674	127	188	365	249	520
.....acres treated, 2012	14,897,415	16,727	24,909	191,258	38,203	104,990
.....acres treated, 2007	14,802,681	16,925	17,761	152,555	45,682	101,521
Cropland fertilized, except cropland pasturefarms, 2012	40,569	86	167	419	182	515
.....farms, 2007	40,418	114	177	350	239	501
.....acres treated, 2012	14,793,140	16,274	24,805	188,463	37,806	103,612
.....acres treated, 2007	14,645,173	16,424	17,618	150,961	43,487	99,785
Pastureland and rangeland fertilizedfarms, 2012	2,787	16	14	48	15	46
.....farms, 2007	3,613	20	23	27	35	51
.....acres treated, 2012	104,275	453	104	2,795	397	1,378
.....acres treated, 2007	157,508	501	143	1,594	2,195	1,736
Manurefarms, 2012	16,582	71	65	205	94	281
.....farms, 2007	18,970	82	107	208	96	333
.....acres treated, 2012	1,580,164	6,105	748	16,726	4,427	25,229
.....acres treated, 2007	1,663,594	2,308	1,798	14,067	4,155	26,283
Acres treated to control--						
Insectsfarms, 2012	19,634	21	56	151	38	74
.....farms, 2007	19,182	13	40	72	22	61
.....acres, 2012	6,294,083	2,073	6,538	94,613	9,036	12,691
.....acres, 2007	5,637,340	7,231	5,667	32,182	5,662	12,249
Weeds, grass, or brushfarms, 2012	41,571	71	151	458	147	515
.....farms, 2007	34,775	46	126	334	108	424
.....acres, 2012	17,838,092	16,725	24,037	233,747	32,019	108,874
.....acres, 2007	14,085,409	9,412	14,575	131,676	22,855	86,625
Nematodesfarms, 2012	3,526	2	10	15	6	11
.....farms, 2007	2,472	2	2	1	-	9
.....acres, 2012	795,308	(D)	87	4,751	(D)	2,060
.....acres, 2007	588,423	(D)	(D)	(D)	-	1,950
Diseases in crops and orchardsfarms, 2012	4,652	10	19	41	11	25
.....farms, 2007	3,005	7	15	35	7	13
.....acres, 2012	1,795,593	6,440	1,710	18,202	10,839	5,889
.....acres, 2007	1,209,321	(D)	873	18,052	4,152	1,897
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	675	-	10	7	2	4
.....farms, 2007	615	1	11	2	3	8
.....acres on which used, 2012	160,997	-	76	2,040	(D)	430
.....acres on which used, 2007	118,439	(D)	96	(D)	100	1,538
Item	Big Stone	Blue Earth	Brown	Carlton	Carver	Cass
Commercial fertilizer, lime, and soil conditionersfarms, 2012	256	649	761	126	436	141
.....farms, 2007	300	710	749	144	433	175
.....acres treated, 2012	149,342	233,379	209,323	7,587	98,282	18,029
.....acres treated, 2007	161,403	245,589	235,411	7,307	107,779	23,758
Cropland fertilized, except cropland pasturefarms, 2012	251	645	757	117	415	138
.....farms, 2007	300	696	740	130	417	159
.....acres treated, 2012	148,905	232,955	209,234	6,745	97,923	17,348
.....acres treated, 2007	160,892	245,157	234,424	6,378	106,328	22,406
Pastureland and rangeland fertilizedfarms, 2012	7	13	5	24	36	13
.....farms, 2007	9	29	25	33	41	30
.....acres treated, 2012	437	424	89	842	359	681
.....acres treated, 2007	511	432	987	929	1,451	1,352
Manurefarms, 2012	39	211	265	104	240	67
.....farms, 2007	69	242	296	118	272	111
.....acres treated, 2012	4,295	31,411	30,285	4,486	16,656	3,775
.....acres treated, 2007	6,907	32,232	33,119	4,324	17,417	5,958
Acres treated to control--						
Insectsfarms, 2012	101	423	529	12	168	18
.....farms, 2007	125	419	548	8	239	11
.....acres, 2012	52,728	153,111	108,640	89	28,623	2,092
.....acres, 2007	54,684	129,212	105,716	(D)	37,757	374
Weeds, grass, or brushfarms, 2012	264	688	775	79	440	97
.....farms, 2007	259	632	638	47	378	65
.....acres, 2012	197,446	308,147	264,989	2,994	105,381	18,384
.....acres, 2007	167,860	293,851	219,559	1,728	86,329	8,760
Nematodesfarms, 2012	17	75	127	4	31	3
.....farms, 2007	9	56	98	-	35	2
.....acres, 2012	6,623	18,259	15,435	36	4,606	(D)
.....acres, 2007	1,554	24,600	15,060	-	5,764	(D)
Diseases in crops and orchardsfarms, 2012	23	64	99	7	45	6
.....farms, 2007	34	38	34	-	33	2
.....acres, 2012	7,895	13,796	11,769	199	8,221	780
.....acres, 2007	10,877	4,290	5,040	-	3,241	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	3	7	11	-	3	3
.....farms, 2007	5	5	2	-	7	1
.....acres on which used, 2012	760	157	1,120	-	(D)	3
.....acres on which used, 2007	1,859	38	(D)	-	111	(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	Chippewa	Chisago	Clay	Clearwater	Cook	Cottonwood
Commercial fertilizer, lime, and soil conditioners farms, 2012	435	410	455	195	3	539
..... 2007	420	413	421	198	1	561
..... acres treated, 2012	233,096	51,813	362,393	32,219	(D)	218,416
..... 2007	251,376	52,080	369,247	36,347	(D)	220,562
Cropland fertilized, except cropland pasture farms, 2012	435	395	443	192	3	530
..... 2007	418	402	410	185	1	550
..... acres treated, 2012	232,980	50,997	361,766	30,635	(D)	217,604
..... 2007	250,309	50,706	368,484	35,060	(D)	219,204
Pastureland and rangeland fertilized farms, 2012	4	46	19	14	-	24
..... 2007	9	44	22	26	-	30
..... acres treated, 2012	116	816	627	1,584	-	812
..... 2007	1,067	1,374	763	1,287	-	1,358
Manure farms, 2012	97	162	89	79	3	177
..... 2007	88	184	101	80	1	196
..... acres treated, 2012	21,227	4,065	11,262	5,167	3	25,851
..... 2007	8,344	7,157	6,912	3,874	(D)	27,946
Acres treated to control--						
Insects farms, 2012	294	101	256	26	3	375
..... 2007	237	69	153	19	-	384
..... acres, 2012	95,558	11,329	177,622	4,551	6	129,576
..... 2007	77,195	9,201	126,556	8,726	-	139,960
Weeds, grass, or brush farms, 2012	444	393	490	182	2	562
..... 2007	388	321	407	132	-	481
..... acres, 2012	281,352	54,554	495,083	29,542	(D)	290,777
..... 2007	248,353	43,580	384,818	22,576	-	263,380
Nematodes farms, 2012	43	22	25	2	-	58
..... 2007	29	4	8	2	-	68
..... acres, 2012	14,172	787	4,425	(D)	-	18,476
..... 2007	4,836	407	4,434	(D)	-	21,897
Diseases in crops and orchards farms, 2012	87	45	112	10	-	36
..... 2007	73	20	87	9	-	17
..... acres, 2012	33,987	2,229	68,011	1,178	-	8,284
..... 2007	29,162	961	55,013	2,063	-	5,104
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	7	7	4	3	-	3
..... 2007	14	9	14	5	-	-
..... acres on which used, 2012	1,628	(D)	935	55	-	(D)
..... 2007	2,015	75	7,366	251	-	-

Item	Crow Wing	Dakota	Dodge	Douglas	Faribault	Fillmore	Freeborn
Commercial fertilizer, lime, and soil conditioners farms, 2012	165	554	372	549	619	892	691
..... 2007	201	644	385	503	658	935	735
..... acres treated, 2012	22,260	160,811	166,141	129,335	265,960	238,789	264,669
..... 2007	18,976	167,956	170,373	105,256	315,818	243,058	254,727
Cropland fertilized, except cropland pasture farms, 2012	147	540	369	539	619	873	679
..... 2007	180	609	374	492	656	907	718
..... acres treated, 2012	21,680	160,268	165,624	128,673	(D)	231,300	264,143
..... 2007	16,313	166,909	168,682	103,117	315,715	235,497	253,426
Pastureland and rangeland fertilized farms, 2012	31	33	19	37	2	158	23
..... 2007	40	68	31	55	9	142	49
..... acres treated, 2012	580	543	517	662	(D)	7,489	526
..... 2007	2,663	1,047	1,691	2,139	103	7,561	1,301
Manure farms, 2012	110	202	155	240	163	434	198
..... 2007	121	251	195	254	213	472	311
..... acres treated, 2012	5,137	12,366	18,475	15,686	26,255	32,041	21,240
..... 2007	5,143	13,798	19,309	16,838	30,478	40,086	25,505
Acres treated to control--							
Insects farms, 2012	32	275	185	192	401	464	364
..... 2007	22	357	273	101	463	516	486
..... acres, 2012	861	42,134	77,394	30,546	138,364	90,733	109,099
..... 2007	756	65,651	102,977	18,526	148,553	111,447	143,928
Weeds, grass, or brush farms, 2012	148	530	349	609	632	885	701
..... 2007	108	456	323	479	575	739	637
..... acres, 2012	19,316	164,000	179,871	151,061	342,260	250,574	329,092
..... 2007	7,939	146,456	170,156	102,687	348,232	201,452	263,180
Nematodes farms, 2012	2	79	53	11	100	64	100
..... 2007	2	32	53	5	54	36	103
..... acres, 2012	(D)	8,012	13,103	1,694	21,486	13,990	24,324
..... 2007	(D)	4,222	9,587	(D)	9,587	5,752	23,358
Diseases in crops and orchards farms, 2012	10	103	64	40	105	67	68
..... 2007	7	60	28	17	51	48	22
..... acres, 2012	(D)	11,651	20,372	9,469	36,490	11,892	23,044
..... 2007	16	3,990	7,611	3,188	20,887	5,699	10,832
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	1	19	6	5	5	3	8
..... 2007	3	14	1	4	3	7	3
..... acres on which used, 2012	(D)	884	2,264	250	1,994	248	1,760
..... 2007	3	906	(D)	(D)	(D)	212	905

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

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

Item	Goodhue	Grant	Hennepin	Houston	Hubbard	Isanti	Itasca
Commercial fertilizer, lime, and soil conditionersfarms, 2012	912	231	255	503	140	397	82
.....2007	966	299	235	514	153	418	129
.....acres treated, 2012	260,504	186,458	36,962	84,493	44,830	80,617	7,251
.....2007	251,107	208,584	35,190	78,490	36,868	62,585	7,913
Cropland fertilized, except cropland pasturefarms, 2012	892	231	241	489	133	383	77
.....2007	940	297	217	490	143	387	121
.....acres treated, 2012	258,898	186,253	36,788	81,336	44,061	80,051	6,549
.....2007	246,800	208,380	34,942	73,839	35,988	61,599	7,516
Pastureland and rangeland fertilizedfarms, 2012	82	4	28	79	17	39	13
.....2007	120	7	31	101	29	66	17
.....acres treated, 2012	1,606	205	174	3,157	769	566	702
.....2007	4,307	204	248	4,651	880	986	397
Manurefarms, 2012	462	33	98	280	58	148	63
.....2007	492	52	138	329	96	160	67
.....acres treated, 2012	32,448	2,030	3,629	21,633	9,334	4,906	1,409
.....2007	42,333	5,369	4,290	24,611	8,360	3,817	2,351
Acres treated to control--							
Insectsfarms, 2012	446	144	123	190	38	93	20
.....2007	673	140	102	248	27	70	21
.....acres, 2012	82,225	64,751	8,082	24,016	20,051	15,131	201
.....2007	114,430	61,048	7,828	32,041	11,168	17,565	1,465
Weeds, grass, or brushfarms, 2012	913	271	262	509	112	332	72
.....2007	797	273	178	421	84	277	61
.....acres, 2012	285,662	240,843	42,549	79,817	40,493	80,571	9,891
.....2007	215,174	196,724	28,354	56,711	19,995	51,580	3,346
Nematodesfarms, 2012	98	29	21	13	4	16	4
.....2007	69	9	2	16	2	7	-
.....acres, 2012	11,853	10,576	806	1,202	(D)	3,898	20
.....2007	7,979	3,285	(D)	1,067	(D)	979	-
Diseases in crops and orchardsfarms, 2012	119	52	41	22	12	19	9
.....2007	50	40	34	8	7	9	5
.....acres, 2012	10,437	18,303	785	3,403	10,100	422	131
.....2007	4,623	14,411	575	367	3,670	431	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	10	5	14	10	7	5	1
.....2007	14	4	8	7	2	2	8
.....acres on which used, 2012	(D)	1,112	45	196	(D)	128	(D)
.....2007	367	1,058	43	343	(D)	(D)	177
Item	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching	Lac qui Parle	Lake
Commercial fertilizer, lime, and soil conditionersfarms, 2012	598	227	625	224	44	574	4
.....2007	697	276	647	255	59	546	6
.....acres treated, 2012	232,173	38,913	245,276	244,831	7,620	306,616	(D)
.....2007	263,352	40,538	226,364	273,297	4,889	259,417	(D)
Cropland fertilized, except cropland pasturefarms, 2012	593	216	607	219	40	570	4
.....2007	677	263	613	250	50	539	6
.....acres treated, 2012	231,329	35,929	244,461	244,020	(D)	304,974	(D)
.....2007	261,660	37,374	225,326	268,546	4,453	257,962	(D)
Pastureland and rangeland fertilizedfarms, 2012	19	22	44	7	7	19	1
.....2007	40	52	58	10	12	35	-
.....acres treated, 2012	844	2,984	815	811	(D)	1,642	(D)
.....2007	1,692	3,164	1,038	4,751	436	1,455	-
Manurefarms, 2012	137	108	268	19	31	108	7
.....2007	214	143	335	41	34	147	3
.....acres treated, 2012	20,527	3,806	46,498	1,680	1,405	9,940	29
.....2007	30,412	6,316	38,929	3,687	1,368	10,386	28
Acres treated to control--							
Insectsfarms, 2012	408	35	356	104	9	305	4
.....2007	505	20	298	87	15	345	1
.....acres, 2012	131,295	3,489	124,875	86,484	747	131,289	4
.....2007	150,806	2,378	77,330	66,194	1,027	118,555	(D)
Weeds, grass, or brushfarms, 2012	621	206	662	245	38	585	1
.....2007	619	172	579	243	29	483	-
.....acres, 2012	303,666	34,993	293,569	285,134	5,579	369,138	(D)
.....2007	291,443	29,219	216,791	237,862	2,142	261,941	-
Nematodesfarms, 2012	80	5	55	20	1	50	-
.....2007	100	-	35	9	-	48	-
.....acres, 2012	20,991	93	9,079	7,122	(D)	13,970	-
.....2007	26,423	-	6,448	4,681	-	15,295	-
Diseases in crops and orchardsfarms, 2012	49	8	61	96	3	25	1
.....2007	24	13	35	103	3	17	-
.....acres, 2012	13,466	641	26,575	107,672	(D)	5,827	(D)
.....2007	4,872	440	9,876	90,295	737	1,295	-
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	6	-	12	12	1	2	-
.....2007	1	2	14	13	-	2	-
.....acres on which used, 2012	651	-	1,769	5,640	(D)	(D)	-
.....2007	(D)	(D)	1,778	8,267	-	(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	Lake of the Woods	Le Sueur	Lincoln	Lyon	McLeod	Mahnomen	Marshall
Commercial fertilizer, lime, and soil conditioners farms, 2012	70	526	427	618	621	171	523
..... 2007	75	524	392	653	636	166	578
..... acres treated, 2012	28,805	137,292	174,172	272,086	172,232	142,954	490,485
..... 2007	22,653	146,801	151,717	281,658	169,000	92,034	509,839
Cropland fertilized, except cropland pasture farms, 2012	64	519	418	616	607	169	514
..... 2007	72	510	386	631	619	160	562
..... acres treated, 2012	28,552	136,539	173,107	271,109	171,768	142,426	487,569
..... 2007	22,412	146,316	150,745	279,770	167,346	90,824	506,241
Pastureland and rangeland fertilized farms, 2012	6	28	31	26	48	13	32
..... 2007	8	31	19	50	48	15	37
..... acres treated, 2012	253	753	1,065	977	464	528	2,916
..... 2007	241	485	972	1,888	1,654	1,210	3,598
Manure farms, 2012	14	209	156	200	267	43	54
..... 2007	17	190	173	272	278	57	81
..... acres treated, 2012	550	14,755	14,991	33,222	19,892	2,469	3,034
..... 2007	590	11,432	18,446	49,416	18,169	3,985	4,379
Acres treated to control--							
Insects farms, 2012	23	260	208	369	287	99	278
..... 2007	9	287	191	376	283	25	192
..... acres, 2012	13,956	69,124	69,550	123,522	74,260	60,987	202,261
..... 2007	4,242	68,612	67,163	115,247	50,945	9,448	155,529
Weeds, grass, or brush farms, 2012	71	552	442	665	627	178	538
..... 2007	38	476	377	542	539	149	491
..... acres, 2012	31,425	180,498	214,074	337,881	213,069	156,832	553,834
..... 2007	11,047	150,404	164,953	254,561	151,966	83,152	423,211
Nematodes farms, 2012	1	41	18	58	50	4	21
..... 2007	-	30	25	67	55	-	16
..... acres, 2012	(D)	6,707	3,943	19,236	6,594	337	11,241
..... 2007	-	7,852	7,536	17,107	8,950	-	12,961
Diseases in crops and orchards farms, 2012	9	46	29	28	43	30	196
..... 2007	5	19	18	12	22	29	180
..... acres, 2012	8,082	13,443	3,911	5,548	7,291	14,474	187,825
..... 2007	2,513	1,926	1,900	5,577	4,739	9,812	127,672
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	1	2	2	1	11	2	26
..... 2007	1	2	-	2	6	4	26
..... acres on which used, 2012	(D)	(D)	(D)	(D)	582	(D)	8,265
..... 2007	(D)	(D)	-	(D)	110	946	7,067
Item	Martin	Meeker	Mille Lacs	Morrison	Mower	Murray	Nicollet
Commercial fertilizer, lime, and soil conditioners farms, 2012	679	608	315	1,161	687	605	567
..... 2007	675	580	302	1,008	658	626	563
..... acres treated, 2012	304,696	177,582	46,103	168,960	319,883	238,714	184,611
..... 2007	290,951	201,518	44,450	154,681	304,516	267,608	171,323
Cropland fertilized, except cropland pasture farms, 2012	676	591	310	1,137	679	598	567
..... 2007	670	565	290	986	638	613	558
..... acres treated, 2012	304,294	175,684	45,596	164,780	319,577	238,120	184,475
..... 2007	290,185	196,501	41,473	149,866	303,596	264,993	170,178
Pastureland and rangeland fertilized farms, 2012	15	35	21	97	30	21	10
..... 2007	17	39	35	108	34	42	13
..... acres treated, 2012	402	1,898	507	4,180	306	594	136
..... 2007	766	5,017	2,977	4,815	920	2,615	1,145
Manure farms, 2012	266	245	194	738	297	183	246
..... 2007	319	273	206	691	285	233	285
..... acres treated, 2012	52,066	22,483	10,177	67,677	32,700	23,450	34,818
..... 2007	58,033	28,056	14,704	60,599	26,437	26,425	31,468
Acres treated to control--							
Insects farms, 2012	388	327	42	228	442	359	327
..... 2007	423	254	50	130	477	392	391
..... acres, 2012	161,342	87,104	5,727	28,826	162,665	119,089	73,338
..... 2007	130,139	65,666	7,052	18,827	168,955	133,304	86,383
Weeds, grass, or brush farms, 2012	685	612	292	1,073	691	630	576
..... 2007	619	512	217	783	556	525	487
..... acres, 2012	383,238	219,747	50,393	165,260	376,482	336,453	227,245
..... 2007	337,786	203,775	34,712	108,135	264,959	265,486	182,815
Nematodes farms, 2012	116	58	11	29	97	59	82
..... 2007	111	22	6	4	63	76	54
..... acres, 2012	29,757	12,430	277	3,846	27,646	18,299	18,039
..... 2007	30,372	3,472	228	(D)	15,392	20,794	7,639
Diseases in crops and orchards farms, 2012	61	61	23	32	119	25	61
..... 2007	23	25	10	22	51	12	28
..... acres, 2012	18,266	12,536	925	3,398	54,549	8,867	17,748
..... 2007	3,761	4,644	216	2,883	11,437	3,506	2,558
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	6	6	3	5	16	1	4
..... 2007	7	5	1	9	8	5	9
..... acres on which used, 2012	1,029	93	29	523	9,045	(D)	560
..... 2007	4,114	404	(D)	1,607	467	716	872

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

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

Item	Nobles	Norman	Olmsted	Otter Tail	Pennington	Pine	Pipestone
Commercial fertilizer, lime, and soil conditionersfarms, 2012	736	405	655	1,416	223	316	443
.....2007	747	354	721	1,292	228	368	400
.....acres treated, 2012	236,520	350,557	164,178	417,909	141,423	46,382	142,871
.....2007	265,060	346,071	174,233	356,614	155,414	45,640	133,043
Cropland fertilized, except cropland pasturefarms, 2012	727	397	628	1,384	219	304	435
.....2007	741	347	691	1,237	221	350	389
.....acres treated, 2012	234,762	349,681	161,681	411,808	140,625	44,335	140,578
.....2007	262,939	345,089	170,131	349,368	153,731	43,822	129,587
Pastureland and rangeland fertilizedfarms, 2012	38	28	80	112	20	34	43
.....2007	40	21	114	119	30	52	57
.....acres treated, 2012	1,758	876	2,497	6,101	798	2,047	2,293
.....2007	2,121	982	4,102	7,246	1,683	1,818	3,456
Manurefarms, 2012	222	76	284	601	45	214	185
.....2007	288	96	346	685	50	271	189
.....acres treated, 2012	37,064	3,462	19,254	39,981	2,520	11,371	22,441
.....2007	38,811	5,015	23,049	51,146	2,375	13,819	22,399
Acres treated to control--							
Insectsfarms, 2012	446	264	330	486	107	43	238
.....2007	503	121	433	292	49	35	228
.....acres, 2012	128,952	197,067	73,363	132,450	64,795	6,415	46,058
.....2007	155,886	78,718	82,942	84,590	32,532	3,043	62,020
Weeds, grass, or brushfarms, 2012	751	414	635	1,493	218	260	470
.....2007	622	317	580	1,273	208	215	336
.....acres, 2012	326,823	450,808	168,374	468,940	160,278	43,133	184,615
.....2007	284,116	308,270	148,966	336,883	141,091	26,491	129,424
Nematodesfarms, 2012	71	31	88	48	2	9	26
.....2007	94	14	35	26	1	1	17
.....acres, 2012	17,930	16,857	11,185	19,265	(D)	113	3,185
.....2007	18,720	4,295	3,973	2,698	(D)	(D)	2,486
Diseases in crops and orchardsfarms, 2012	55	107	105	101	60	18	17
.....2007	47	91	50	52	50	11	11
.....acres, 2012	12,747	74,314	21,230	29,643	40,456	1,014	1,108
.....2007	9,147	73,495	9,804	18,319	37,237	274	1,058
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	10	6	12	5	8	2
.....2007	1	18	16	17	5	4	2
.....acres on which used, 2012	470	5,632	466	4,203	778	86	(D)
.....2007	(D)	6,530	875	1,921	2,451	(D)	(D)
Item	Polk	Pope	Ramsey	Red Lake	Redwood	Renville	Rice
Commercial fertilizer, lime, and soil conditionersfarms, 2012	718	434	48	176	863	758	629
.....2007	708	469	20	180	875	771	691
.....acres treated, 2012	711,827	175,516	244	104,862	337,739	432,285	135,501
.....2007	692,038	175,153	200	125,488	347,017	411,390	140,488
Cropland fertilized, except cropland pasturefarms, 2012	713	426	48	172	863	756	610
.....2007	697	448	20	179	867	766	662
.....acres treated, 2012	710,459	174,238	244	103,924	337,167	432,067	133,527
.....2007	689,616	173,769	200	124,379	345,703	410,987	137,498
Pastureland and rangeland fertilizedfarms, 2012	22	22	-	15	23	12	53
.....2007	25	36	-	27	25	15	61
.....acres treated, 2012	1,368	1,278	-	938	572	218	1,974
.....2007	2,422	1,384	-	1,109	1,314	403	2,990
Manurefarms, 2012	79	141	4	43	255	201	272
.....2007	128	173	2	60	308	265	323
.....acres treated, 2012	7,939	16,927	13	2,837	27,073	30,888	18,238
.....2007	19,292	18,650	(D)	3,266	32,069	36,674	18,740
Acres treated to control--							
Insectsfarms, 2012	401	254	47	52	542	542	296
.....2007	343	190	14	45	568	562	319
.....acres, 2012	399,111	74,508	167	27,984	166,593	211,230	60,324
.....2007	298,460	44,433	83	22,679	165,755	177,457	54,737
Weeds, grass, or brushfarms, 2012	736	463	46	169	881	767	656
.....2007	724	460	8	176	780	636	560
.....acres, 2012	831,613	214,052	(D)	126,713	444,934	526,721	158,372
.....2007	683,882	174,270	29	108,362	406,667	410,652	113,366
Nematodesfarms, 2012	52	32	11	1	156	180	50
.....2007	49	13	-	5	102	64	48
.....acres, 2012	36,200	4,174	39	(D)	36,101	46,782	6,414
.....2007	29,747	3,186	-	1,730	23,993	15,418	5,471
Diseases in crops and orchardsfarms, 2012	281	23	14	41	118	201	60
.....2007	302	24	6	53	36	98	43
.....acres, 2012	278,281	6,191	45	21,439	28,736	70,719	5,877
.....2007	283,802	2,465	12	28,081	6,937	26,396	3,383
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	53	5	1	10	8	14	7
.....2007	53	4	2	11	4	13	15
.....acres on which used, 2012	34,546	1,467	(D)	3,480	937	7,685	469
.....2007	23,164	(D)	(D)	2,282	(D)	3,875	171

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

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

Item	Rock	Roseau	St. Louis	Scott	Sherburne	Sibley	Stearns
Commercial fertilizer, lime, and soil conditioners farms, 2012	508	388	142	442	213	679	2,274
..... 2007	470	418	223	393	266	656	1,896
..... acres treated, 2012	179,011	249,948	7,787	79,472	69,525	246,302	414,635
..... 2007	164,271	261,119	14,777	65,230	59,139	235,614	345,998
Cropland fertilized, except cropland pasture farms, 2012	494	379	124	429	206	678	2,249
..... 2007	452	403	193	366	263	645	1,852
..... acres treated, 2012	176,727	248,399	7,011	78,998	69,013	245,978	410,508
..... 2007	160,820	258,951	12,991	63,449	58,650	234,671	340,731
Pastureland and rangeland fertilized farms, 2012	47	29	29	32	17	20	151
..... 2007	63	36	56	47	16	47	185
..... acres treated, 2012	2,284	1,549	776	474	512	324	4,127
..... 2007	3,451	2,168	1,786	1,781	489	943	5,267
Manure farms, 2012	206	77	140	193	99	276	1,471
..... 2007	251	116	156	174	99	346	1,388
..... acres treated, 2012	30,968	7,241	3,949	11,599	8,944	23,212	146,190
..... 2007	30,593	6,178	4,073	11,218	5,159	30,964	140,898
Acres treated to control--							
Insects farms, 2012	294	160	42	153	73	397	890
..... 2007	337	107	21	156	68	438	528
..... acres, 2012	94,766	142,939	579	23,996	25,282	97,019	114,539
..... 2007	93,400	73,164	143	19,257	28,708	102,842	73,013
Weeds, grass, or brush farms, 2012	510	400	72	449	195	681	2,307
..... 2007	432	338	65	334	161	574	1,628
..... acres, 2012	243,605	297,806	8,995	89,488	74,674	290,189	431,371
..... 2007	193,526	210,697	1,898	50,092	50,780	217,535	283,035
Nematodes farms, 2012	48	18	6	29	21	94	104
..... 2007	20	3	-	13	7	102	24
..... acres, 2012	9,280	5,163	19	1,925	7,173	22,058	17,834
..... 2007	6,210	900	-	946	2,503	22,026	2,831
Diseases in crops and orchards farms, 2012	14	99	20	31	24	63	110
..... 2007	29	82	5	21	26	35	37
..... acres, 2012	4,706	78,234	(D)	442	9,177	15,830	12,855
..... 2007	5,558	60,884	7	475	8,407	4,366	3,730
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	6	21	2	15	18	1	28
..... 2007	1	18	3	10	15	1	12
..... acres on which used, 2012	1,310	8,696	(D)	314	3,967	(D)	3,703
..... 2007	(D)	6,705	(D)	298	2,571	(D)	1,374
Item	Steele	Stevens	Swift	Todd	Traverse	Wabasha	Wadena
Commercial fertilizer, lime, and soil conditioners farms, 2012	411	337	480	1,057	268	604	271
..... 2007	475	378	478	937	260	594	256
..... acres treated, 2012	162,555	218,777	235,612	163,560	227,389	134,549	45,733
..... 2007	186,865	241,799	248,245	138,863	218,584	129,726	38,575
Cropland fertilized, except cropland pasture farms, 2012	402	331	476	1,040	263	593	264
..... 2007	463	372	471	895	260	571	249
..... acres treated, 2012	162,334	218,053	234,795	158,922	227,327	131,379	44,948
..... 2007	185,833	240,215	247,159	133,719	(D)	126,964	37,032
Pastureland and rangeland fertilized farms, 2012	18	16	13	94	5	92	25
..... 2007	36	19	20	123	1	89	40
..... acres treated, 2012	221	724	817	4,638	62	3,170	785
..... 2007	1,032	1,584	1,086	5,144	(D)	2,762	1,543
Manure farms, 2012	157	115	129	556	38	340	145
..... 2007	230	123	126	588	31	386	151
..... acres treated, 2012	18,921	26,961	18,371	35,978	6,753	31,956	7,664
..... 2007	18,742	15,279	12,219	37,701	1,912	32,273	7,097
Acres treated to control--							
Insects farms, 2012	237	170	331	230	132	295	45
..... 2007	299	171	268	134	110	368	26
..... acres, 2012	87,407	61,742	103,933	24,338	95,667	42,099	5,002
..... 2007	104,338	67,651	98,704	17,127	60,788	58,690	4,711
Weeds, grass, or brush farms, 2012	419	334	492	1,073	284	607	248
..... 2007	432	298	421	773	224	473	160
..... acres, 2012	184,553	273,056	288,823	169,566	313,279	127,319	41,954
..... 2007	165,918	236,416	238,827	99,766	223,300	96,181	26,233
Nematodes farms, 2012	59	12	67	14	21	61	7
..... 2007	62	4	51	4	6	31	-
..... acres, 2012	20,672	6,975	12,331	1,436	13,163	7,132	2,968
..... 2007	17,349	1,400	9,554	170	4,078	3,692	-
Diseases in crops and orchards farms, 2012	61	37	57	38	49	62	15
..... 2007	32	37	33	22	28	29	8
..... acres, 2012	25,589	12,286	16,558	5,028	32,939	7,780	3,236
..... 2007	11,582	6,944	14,691	2,346	8,940	3,334	1,854
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	6	15	12	14	16	7	4
..... 2007	4	6	14	11	1	11	3
..... acres on which used, 2012	1,040	3,453	3,838	1,348	12,134	1,931	270
..... 2007	247	1,838	2,709	1,223	(D)	460	(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	Waseca	Washington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine
Commercial fertilizer, lime, and soil conditionersfarms, 2012	505	276	333	280	684	760	588
2007	505	346	402	279	638	723	586
acres treated, 2012	163,389	44,189	160,609	285,407	129,923	159,061	249,077
2007	170,588	33,962	172,831	297,365	125,252	147,200	259,944
Cropland fertilized, except cropland pasturefarms, 2012	502	254	328	278	673	735	573
2007	500	323	396	275	599	696	581
acres treated, 2012	163,121	42,924	160,291	285,389	124,881	157,864	248,201
2007	170,361	32,196	171,989	(D)	120,386	145,141	259,162
Pastureland and rangeland fertilizedfarms, 2012	17	44	9	3	90	65	28
2007	20	60	14	5	107	63	22
acres treated, 2012	268	1,265	318	18	5,042	1,197	876
2007	227	1,766	842	(D)	4,866	2,059	782
Manurefarms, 2012	163	113	110	28	420	363	138
2007	205	140	147	37	496	415	169
acres treated, 2012	21,141	4,554	17,011	3,487	40,529	20,919	19,332
2007	20,997	2,950	18,076	8,171	47,641	23,423	14,337
Acres treated to control--							
Insectsfarms, 2012	311	126	231	138	306	266	288
2007	346	124	248	132	351	252	326
acres, 2012	83,174	11,925	89,674	79,052	48,021	46,238	105,276
2007	87,975	14,171	81,585	92,170	57,639	40,123	110,176
Weeds, grass, or brushfarms, 2012	525	257	341	290	681	765	609
2007	437	226	354	253	530	609	528
acres, 2012	192,871	45,303	203,489	396,927	127,161	184,532	328,973
2007	166,839	34,640	194,661	329,471	96,444	126,706	275,692
Nematodesfarms, 2012	95	24	48	14	44	43	39
2007	66	4	54	7	16	27	66
acres, 2012	13,982	1,717	10,687	4,297	5,133	3,515	12,796
2007	10,993	177	21,058	10,251	5,218	3,505	16,988
Diseases in crops and orchardsfarms, 2012	82	53	22	70	62	72	33
2007	39	39	9	76	29	36	18
acres, 2012	15,850	1,926	4,514	50,639	7,785	11,716	11,481
2007	5,937	1,326	1,824	48,196	2,849	2,617	1,973
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	5	14	1	8	24	16	2
2007	2	10	-	12	14	18	-
acres on which used, 2012	863	414	(D)	2,077	815	571	(D)
2007	(D)	347	-	5,412	429	368	-