

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

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

Item	South Dakota	Aurora	Beadle	Bennett	Bon Homme	Brookings	Brown
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	15,891	199	405	109	432	528	527
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	11,629,410	157,928	326,259	125,073	153,001	234,525	531,932
.....acres treated, 2002	10,182,001	123,403	305,887	91,062	175,407	196,027	594,533
Cropland fertilized, except cropland pastured .....farms, 2007	15,185	194	385	106	417	484	509
.....farms, 2002	15,721	217	375	105	528	487	499
.....acres treated, 2007	11,190,577	153,965	306,241	122,876	144,524	226,280	525,119
.....acres treated, 2002	9,852,202	117,786	289,057	(D)	168,029	184,861	591,513
Pastureland and rangeland fertilized .....farms, 2007	2,780	30	97	5	93	114	52
.....farms, 2002	2,766	46	90	1	125	91	33
.....acres treated, 2007	438,833	3,963	20,018	2,197	8,477	8,245	6,813
.....acres treated, 2002	329,799	5,617	16,830	(D)	7,378	11,166	3,020
Manure <sup>1</sup> .....farms, 2007	5,959	74	166	(D)	197	263	156
.....farms, 2002	7,448	70	181	31	326	302	124
.....acres treated, 2007	539,372	17,641	18,173	1,528	10,919	24,724	10,425
.....acres treated, 2002	580,457	7,664	16,649	2,664	19,816	17,846	13,428
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	5,683	43	124	12	103	210	164
.....farms, 2002	4,128	37	46	31	100	125	84
.....acres treated, 2007	2,970,836	31,505	69,613	9,715	33,568	75,856	119,205
.....acres treated, 2002	1,255,724	10,173	21,465	12,800	11,413	33,268	49,506
Weeds, grass, or brush .....farms, 2007	15,563	218	405	103	396	536	526
.....farms, 2002	14,105	218	380	85	423	493	374
.....acres treated, 2007	11,638,706	184,119	338,872	125,228	155,638	226,612	569,116
.....acres treated, 2002	8,151,070	84,976	237,915	67,270	132,025	168,007	442,719
Nematodes .....farms, 2007	257	1	5	-	7	12	-
.....farms, 2002	1	-	-	-	-	-	-
.....acres treated, 2007	81,893	(D)	1,295	-	980	2,652	-
.....acres treated, 2002	(D)	-	-	-	-	-	-
Diseases in crops and orchards .....farms, 2007	1,603	28	49	4	21	21	45
.....farms, 2002	176	13	-	-	-	2	5
.....acres treated, 2007	789,228	14,449	19,475	7,266	4,371	2,638	27,072
.....acres treated, 2002	40,949	3,210	-	-	-	(D)	1,940
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	124	-	3	2	1	-	4
.....farms, 2002	9	-	-	-	-	-	9
.....acres treated, 2007	20,809	-	400	(D)	(D)	-	311
.....acres treated, 2002	(D)	-	-	-	-	-	(D)
Item	Brule	Buffalo	Butte	Campbell	Charles Mix	Clark	Clay
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	229	42	142	133	467	334	368
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	196,968	50,371	29,263	116,714	294,250	202,716	190,911
.....acres treated, 2002	134,836	35,143	30,724	91,196	384,068	173,828	216,385
Cropland fertilized, except cropland pastured .....farms, 2007	218	41	127	131	443	324	350
.....farms, 2002	222	35	150	118	543	349	416
.....acres treated, 2007	185,385	(D)	25,105	114,390	267,908	198,925	188,563
.....acres treated, 2002	128,866	33,538	30,724	89,186	354,331	163,942	212,528
Pastureland and rangeland fertilized .....farms, 2007	49	6	19	14	127	39	44
.....farms, 2002	26	6	-	9	125	64	78
.....acres treated, 2007	11,583	(D)	4,158	2,324	26,342	3,791	2,348
.....acres treated, 2002	5,970	1,605	-	2,010	29,737	9,886	3,857
Manure <sup>1</sup> .....farms, 2007	90	15	62	47	175	125	84
.....farms, 2002	93	14	49	46	178	175	169
.....acres treated, 2007	12,298	2,843	6,416	3,767	15,331	17,272	5,372
.....acres treated, 2002	13,256	1,971	2,936	5,569	14,180	16,372	5,048
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	66	18	66	38	135	90	182
.....farms, 2002	28	4	19	29	140	33	119
.....acres treated, 2007	33,123	7,475	31,146	18,610	57,271	31,278	75,590
.....acres treated, 2002	3,255	937	2,883	6,649	34,219	5,563	29,401
Weeds, grass, or brush .....farms, 2007	216	47	125	125	447	332	336
.....farms, 2002	199	31	196	89	416	312	319
.....acres treated, 2007	178,344	50,928	52,756	100,870	278,900	220,436	197,236
.....acres treated, 2002	98,624	23,722	32,263	64,184	248,992	158,512	160,895
Nematodes .....farms, 2007	-	-	-	-	2	4	35
.....farms, 2002	-	-	-	-	(D)	-	-
.....acres treated, 2007	-	-	-	-	-	1,170	9,854
.....acres treated, 2002	-	-	-	-	-	-	-
Diseases in crops and orchards .....farms, 2007	42	16	-	21	74	33	22
.....farms, 2002	-	-	-	-	-	1	1
.....acres treated, 2007	25,416	5,545	-	17,482	29,254	9,354	4,392
.....acres treated, 2002	-	-	-	-	-	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	2	-	-	-	9	6	2
.....farms, 2002	-	-	-	-	-	-	-
.....acres treated, 2007	(D)	-	-	-	1,027	350	(D)
.....acres treated, 2002	-	-	-	-	-	-	-

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	Codington	Corson	Custer	Davison	Day	Deuel	Dewey
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	320	163	31	211	331	296	95
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	178,055	187,678	5,124	163,628	245,726	128,805	89,060
..... acres treated, 2002	174,981	100,168	10,746	135,532	196,847	110,172	55,667
Cropland fertilized, except cropland pastured ..... farms, 2007	303	162	24	194	321	286	95
..... farms, 2002	350	109	39	231	350	267	69
..... acres treated, 2007	173,126	176,753	4,464	155,228	240,062	121,620	(D)
..... acres treated, 2002	170,535	99,348	(D)	129,694	194,400	106,063	49,547
Pastureland and rangeland fertilized ..... farms, 2007	49	6	7	73	42	57	1
..... farms, 2002	33	4	2	59	25	51	10
..... acres treated, 2007	4,929	10,925	660	8,400	5,664	7,185	(D)
..... acres treated, 2002	4,446	820	(D)	5,838	2,447	4,109	6,120
Manure <sup>1</sup> ..... farms, 2007	146	47	16	121	139	171	17
..... farms, 2002	260	68	26	101	201	236	57
..... acres treated, 2007	17,938	3,475	1,044	9,932	8,781	13,722	1,753
..... acres treated, 2002	15,088	5,294	1,105	6,236	9,617	12,732	3,123
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	71	27	12	61	64	103	26
..... farms, 2002	43	13	10	35	25	57	15
..... acres treated, 2007	24,992	37,734	2,542	20,377	49,609	24,563	27,964
..... acres treated, 2002	7,925	12,109	2,200	6,772	4,390	10,217	2,488
Weeds, grass, or brush ..... farms, 2007	324	146	54	212	325	268	93
..... farms, 2002	309	64	63	162	382	267	57
..... acres treated, 2007	174,728	170,319	12,896	131,716	238,192	131,954	96,913
..... acres treated, 2002	146,098	66,679	11,394	82,669	159,889	101,679	47,784
Nematodes ..... farms, 2007	4	-	-	-	1	1	-
..... farms, 2002	-	-	-	-	-	-	-
..... acres treated, 2007	1,087	-	-	-	(D)	(D)	-
..... acres treated, 2002	-	-	-	-	-	-	-
Diseases in crops and orchards ..... farms, 2007	31	16	-	29	45	20	9
..... farms, 2002	17	-	1	-	19	10	-
..... acres treated, 2007	8,702	19,562	-	8,521	20,303	6,364	3,763
..... acres treated, 2002	96	-	(D)	-	2,211	2,213	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	1	-	-	-	1	-	-
..... farms, 2002	-	-	-	-	-	-	-
..... acres treated, 2007	(D)	-	-	-	(D)	-	-
..... acres treated, 2002	-	-	-	-	-	-	-
Item	Douglas	Edmunds	Fall River	Faulk	Grant	Gregory	Haakon
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	245	227	35	196	343	257	111
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	110,171	329,293	10,108	266,378	174,251	147,453	125,609
..... acres treated, 2002	126,692	222,582	17,857	184,592	156,741	120,255	119,667
Cropland fertilized, except cropland pastured ..... farms, 2007	231	219	30	192	337	237	107
..... farms, 2002	257	211	52	189	256	308	88
..... acres treated, 2007	102,172	322,576	7,688	256,632	171,817	128,006	(D)
..... acres treated, 2002	120,770	218,862	17,857	180,052	154,242	115,302	118,365
Pastureland and rangeland fertilized ..... farms, 2007	66	26	8	22	21	51	5
..... farms, 2002	47	27	-	23	22	62	5
..... acres treated, 2007	7,999	6,717	2,420	9,746	2,434	19,447	(D)
..... acres treated, 2002	5,922	3,720	-	4,540	2,499	4,953	1,302
Manure <sup>1</sup> ..... farms, 2007	105	97	15	76	152	92	19
..... farms, 2002	132	124	29	77	134	143	17
..... acres treated, 2007	8,492	13,723	508	4,851	15,035	6,158	1,820
..... acres treated, 2002	11,005	12,287	1,001	11,328	8,735	23,313	1,572
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	66	80	9	74	101	103	20
..... farms, 2002	28	23	12	54	83	145	15
..... acres treated, 2007	22,139	113,911	2,138	64,965	40,365	32,546	20,174
..... acres treated, 2002	4,385	20,424	2,109	29,669	13,887	22,882	6,958
Weeds, grass, or brush ..... farms, 2007	234	222	65	190	308	268	123
..... farms, 2002	212	166	72	176	214	268	89
..... acres treated, 2007	117,559	292,389	15,786	252,087	184,776	148,475	143,765
..... acres treated, 2002	105,948	154,470	9,931	159,440	107,532	74,780	70,967
Nematodes ..... farms, 2007	5	-	-	-	7	-	-
..... farms, 2002	-	-	-	-	-	-	-
..... acres treated, 2007	920	-	-	-	5,952	-	-
..... acres treated, 2002	-	-	-	-	-	-	-
Diseases in crops and orchards ..... farms, 2007	55	32	1	61	49	27	10
..... farms, 2002	-	-	-	7	-	-	1
..... acres treated, 2007	9,879	28,810	(D)	43,126	11,859	5,331	10,965
..... acres treated, 2002	-	-	-	7,004	-	-	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	1	-	3	-	4	-
..... farms, 2002	-	-	-	-	-	-	-
..... acres treated, 2007	(D)	(D)	-	156	-	228	-
..... acres treated, 2002	-	-	-	-	-	-	-

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	Hamlin	Hand	Hanson	Harding	Hughes	Hutchinson	Hyde
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	266	273	188	59	150	487	90
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	174,147	352,828	136,818	62,831	171,774	309,899	105,761
.....acres treated, 2002	178,167	250,092	166,786	34,076	136,061	301,249	71,336
Cropland fertilized, except cropland pastured .....farms, 2007	253	265	179	59	143	465	86
.....farms, 2002	294	250	224	45	118	546	79
.....acres treated, 2007	168,573	342,415	127,697	62,776	161,540	291,198	104,741
.....acres treated, 2002	173,518	238,527	160,249	(D)	134,651	274,984	68,076
Pastureland and rangeland fertilized .....farms, 2007	47	27	56	4	14	141	9
.....farms, 2002	70	52	54	3	9	164	17
.....acres treated, 2007	5,574	10,413	9,121	55	10,234	18,701	1,020
.....acres treated, 2002	4,649	11,565	6,537	(D)	19,194	26,265	3,260
Manure <sup>1</sup> .....farms, 2007	116	81	71	17	30	225	25
.....farms, 2002	119	94	101	28	22	251	31
.....acres treated, 2007	10,616	8,081	6,388	1,236	2,014	18,690	4,618
.....acres treated, 2002	8,009	7,445	11,287	2,062	3,914	14,012	3,331
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	100	117	35	10	58	177	55
.....farms, 2002	86	77	49	2	46	167	26
.....acres treated, 2007	46,702	94,118	15,200	9,816	49,138	63,842	49,363
.....acres treated, 2002	26,130	18,094	7,296	(D)	19,194	42,418	6,341
Weeds, grass, or brush .....farms, 2007	244	287	165	60	143	472	98
.....farms, 2002	248	234	183	42	89	458	63
.....acres treated, 2007	179,952	361,092	125,501	59,543	171,203	321,643	106,216
.....acres treated, 2002	135,104	188,786	118,101	33,324	75,619	275,412	41,963
Nematodes .....farms, 2007	3	2	5	-	-	3	-
.....farms, 2002	-	-	-	-	-	-	-
.....acres treated, 2007	(D)	(D)	4,276	-	-	492	-
.....acres treated, 2002	-	-	-	-	-	-	-
Diseases in crops and orchards .....farms, 2007	24	72	16	5	30	54	23
.....farms, 2002	8	1	-	-	7	1	2
.....acres treated, 2007	3,054	50,199	2,639	3,800	16,132	9,958	14,138
.....acres treated, 2002	1,378	(D)	-	-	(D)	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	6	10	3	-	2	2	1
.....farms, 2002	-	-	-	-	-	-	-
.....acres treated, 2007	686	2,160	1,780	-	(D)	(D)	(D)
.....acres treated, 2002	-	-	-	-	-	-	-

  

Item	Jackson	Jerauld	Jones	Kingsbury	Lake	Lawrence	Lincoln	Lyman
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	93	131	70	351	331	33	601	185
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	84,488	99,528	74,457	252,077	200,540	2,335	227,221	258,577
.....acres treated, 2002	60,903	79,102	43,580	270,126	203,253	1,907	200,546	153,094
Cropland fertilized, except cropland pastured .....farms, 2007	91	127	67	344	315	25	567	181
.....farms, 2002	63	127	64	382	376	15	541	172
.....acres treated, 2007	83,627	91,836	72,399	239,795	189,715	2,101	222,672	257,065
.....acres treated, 2002	(D)	71,033	(D)	258,639	198,709	1,427	192,159	150,723
Pastureland and rangeland fertilized .....farms, 2007	4	26	6	59	86	10	105	8
.....farms, 2002	1	45	2	116	58	4	149	16
.....acres treated, 2007	861	7,692	2,058	12,282	10,825	234	4,549	1,512
.....acres treated, 2002	(D)	8,069	(D)	11,487	4,544	480	8,387	2,371
Manure <sup>1</sup> .....farms, 2007	7	48	11	131	139	38	187	21
.....farms, 2002	20	73	8	150	207	64	185	52
.....acres treated, 2007	347	5,071	1,088	13,155	16,996	1,707	20,919	1,989
.....acres treated, 2002	1,579	4,919	668	13,651	10,895	2,405	14,168	7,576
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	16	37	23	133	152	17	284	62
.....farms, 2002	6	11	12	100	74	15	201	44
.....acres treated, 2007	22,107	28,329	12,060	61,449	77,705	1,998	86,398	46,710
.....acres treated, 2002	(D)	1,917	3,112	26,634	28,606	1,090	77,591	20,807
Weeds, grass, or brush .....farms, 2007	84	131	82	326	297	85	559	204
.....farms, 2002	71	102	59	291	306	66	445	125
.....acres treated, 2007	101,726	91,246	78,961	226,653	202,910	7,262	220,417	269,826
.....acres treated, 2002	44,159	69,690	50,878	192,482	179,762	4,437	204,007	120,314
Nematodes .....farms, 2007	-	-	-	11	6	-	29	-
.....farms, 2002	-	-	-	-	-	-	-	-
.....acres treated, 2007	-	-	-	3,217	1,439	-	5,658	-
.....acres treated, 2002	-	-	-	-	-	-	-	-
Diseases in crops and orchards .....farms, 2007	3	22	7	28	11	-	12	33
.....farms, 2002	-	14	1	-	-	-	2	3
.....acres treated, 2007	(D)	13,532	2,837	11,370	4,195	-	2,124	42,313
.....acres treated, 2002	-	1,666	(D)	-	-	-	(D)	2,400
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	2	1	-	2	-	-	4	1
.....farms, 2002	-	-	-	-	-	-	-	-
.....acres treated, 2007	(D)	(D)	-	(D)	-	-	115	(D)
.....acres treated, 2002	-	-	-	-	-	-	-	-

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	McCook	McPherson	Marshall	Meade	Mellette	Miner	Minnehaha	Moody
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	357	149	245	136	56	208	727	320
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	248,471	101,632	174,352	132,119	27,066	130,330	234,549	173,878
..... acres treated, 2002	189,665	94,020	183,128	61,559	21,371	96,171	226,024	143,655
Cropland fertilized, except cropland pastured ..... farms, 2007	338	144	229	130	54	191	678	308
..... farms, 2002	325	142	246	100	50	173	644	309
..... acres treated, 2007	234,200	100,005	165,050	127,029	24,874	117,922	224,271	169,135
..... acres treated, 2002	182,457	93,365	181,078	(D)	(D)	86,167	205,880	141,681
Pastureland and rangeland fertilized ..... farms, 2007	126	15	33	16	5	59	154	66
..... farms, 2002	76	10	14	2	2	33	169	44
..... acres treated, 2007	14,271	1,627	9,302	5,090	2,192	12,408	10,278	4,743
..... acres treated, 2002	7,208	655	2,050	(D)	(D)	10,004	20,144	1,974
Manure <sup>1</sup> ..... farms, 2007	135	93	116	60	13	90	298	160
..... farms, 2002	215	101	172	76	21	92	423	221
..... acres treated, 2007	9,200	11,222	14,553	3,201	1,000	6,650	19,196	11,106
..... acres treated, 2002	16,165	9,889	22,948	6,338	1,601	5,171	26,326	14,608
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	127	36	68	35	20	66	438	182
..... farms, 2002	122	20	38	6	20	53	285	90
..... acres treated, 2007	49,624	25,500	33,749	40,792	9,408	34,556	119,765	80,240
..... acres treated, 2002	45,802	3,321	16,203	3,838	4,034	13,624	68,781	34,967
Weeds, grass, or brush ..... farms, 2007	330	175	250	220	64	206	687	316
..... farms, 2002	298	133	213	109	38	176	681	343
..... acres treated, 2007	232,210	107,515	181,197	179,202	40,256	129,796	250,625	189,283
..... acres treated, 2002	175,979	88,492	183,699	50,792	10,282	97,232	222,555	117,844
Nematodes ..... farms, 2007	10	-	1	-	-	-	11	6
..... farms, 2002	-	-	-	-	-	-	1	-
..... acres treated, 2007	3,503	-	(D)	-	-	-	2,486	1,545
..... acres treated, 2002	-	-	-	-	-	-	(D)	-
Diseases in crops and orchards ..... farms, 2007	4	19	25	4	6	7	29	10
..... farms, 2002	-	-	1	-	-	-	9	1
..... acres treated, 2007	410	7,933	4,153	2,683	1,754	3,040	2,635	2,023
..... acres treated, 2002	-	-	(D)	-	-	-	945	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	-	4	2	2	1	10	-
..... farms, 2002	-	-	-	-	-	-	-	-
..... acres treated, 2007	(D)	-	432	(D)	(D)	(D)	928	-
..... acres treated, 2002	-	-	-	-	-	-	-	-
Item	Pennington	Perkins	Potter	Roberts	Sanborn	Shannon	Spink	Stanley
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	102	172	136	477	215	40	416	58
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	95,798	131,675	255,690	258,528	112,180	49,497	500,619	134,801
..... acres treated, 2002	84,664	123,431	194,952	236,636	94,004	30,415	465,722	94,319
Cropland fertilized, except cropland pastured ..... farms, 2007	96	166	134	465	200	40	409	53
..... farms, 2002	77	139	132	518	190	31	435	43
..... acres treated, 2007	92,859	(D)	254,186	253,304	100,105	(D)	485,753	(D)
..... acres treated, 2002	84,414	120,718	193,091	231,646	86,837	(D)	457,961	94,319
Pastureland and rangeland fertilized ..... farms, 2007	23	7	10	49	59	1	59	6
..... farms, 2002	4	25	12	38	29	1	66	-
..... acres treated, 2007	2,939	(D)	1,504	5,224	12,075	(D)	14,866	(D)
..... acres treated, 2002	250	2,713	1,861	4,990	7,167	(D)	7,761	-
Manure <sup>1</sup> ..... farms, 2007	46	48	20	180	69	8	117	6
..... farms, 2002	14	69	32	251	84	10	129	7
..... acres treated, 2007	3,622	2,244	2,576	12,744	6,934	655	12,107	289
..... acres treated, 2002	1,564	9,700	5,856	19,367	5,846	2,261	14,275	444
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	36	20	74	174	58	7	142	22
..... farms, 2002	4	5	27	23	54	2	151	21
..... acres treated, 2007	18,283	24,077	95,838	69,596	17,554	11,295	129,545	21,302
..... acres treated, 2002	(D)	1,860	17,869	4,495	8,728	(D)	73,423	24,652
Weeds, grass, or brush ..... farms, 2007	163	160	129	446	186	32	374	51
..... farms, 2002	154	99	117	453	210	22	363	46
..... acres treated, 2007	96,557	130,815	222,912	286,187	119,245	43,706	442,420	119,086
..... acres treated, 2002	69,286	46,828	163,425	251,257	82,392	13,298	479,837	76,639
Nematodes ..... farms, 2007	-	-	-	5	1	-	-	-
..... farms, 2002	-	-	-	-	-	-	-	-
..... acres treated, 2007	-	-	-	2,492	(D)	-	-	-
..... acres treated, 2002	-	-	-	-	-	-	-	-
Diseases in crops and orchards ..... farms, 2007	9	8	32	36	19	-	78	3
..... farms, 2002	1	-	3	2	-	-	7	1
..... acres treated, 2007	7,104	3,533	38,038	10,721	8,432	-	33,739	558
..... acres treated, 2002	(D)	-	2,100	(D)	-	-	3,212	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	1	1	2	2	-	7	1
..... farms, 2002	-	-	-	-	-	-	-	-
..... acres treated, 2007	(D)	(D)	(D)	(D)	(D)	-	648	(D)
..... acres treated, 2002	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

--continued

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

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

Item	Sully	Todd	Tripp	Turner	Union	Walworth	Yankton	Ziebach
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> .....farms, 2007	133	47	325	501	381	121	421	64
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	407,142	46,433	243,755	244,705	209,386	131,524	196,969	103,780
.....acres treated, 2002	284,345	28,923	236,222	269,645	204,084	122,381	195,938	65,451
Cropland fertilized, except cropland pastured .....farms, 2007	131	47	310	475	363	120	408	62
.....farms, 2002	131	52	343	498	366	124	491	46
.....acres treated, 2007	404,008	(D)	229,606	238,496	201,800	130,678	188,392	(D)
.....acres treated, 2002	281,983	(D)	231,272	263,751	198,302	120,610	191,342	(D)
Pastureland and rangeland fertilized .....farms, 2007	8	2	45	104	100	8	98	2
.....farms, 2002	8	1	50	165	116	10	65	2
.....acres treated, 2007	3,134	(D)	14,149	6,209	7,586	846	8,577	(D)
.....acres treated, 2002	2,362	(D)	4,950	5,894	5,782	1,771	4,596	(D)
Manure <sup>1</sup> .....farms, 2007	8	14	85	227	109	36	184	5
.....farms, 2002	17	14	109	276	116	53	170	8
.....acres treated, 2007	4,710	1,426	9,854	15,801	9,343	2,374	11,572	137
.....acres treated, 2002	1,405	2,433	8,946	10,482	4,376	5,091	19,207	402
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	80	17	88	200	187	49	201	12
.....farms, 2002	69	40	103	306	173	44	202	1
.....acres treated, 2007	122,426	15,414	49,148	90,038	68,419	29,164	64,399	7,795
.....acres treated, 2002	49,384	7,839	24,623	107,967	39,654	10,537	40,971	(D)
Weeds, grass, or brush .....farms, 2007	126	42	310	477	338	120	410	70
.....farms, 2002	105	38	326	491	365	82	390	35
.....acres treated, 2007	353,978	49,035	248,877	249,366	202,715	159,356	176,499	113,107
.....acres treated, 2002	216,535	13,177	198,778	223,347	178,879	81,843	123,177	32,095
Nematodes .....farms, 2007	-	-	1	36	22	-	21	-
.....farms, 2002	-	-	-	-	-	-	-	-
.....acres treated, 2007	-	-	(D)	14,747	6,435	-	7,136	-
.....acres treated, 2002	-	-	-	-	-	-	-	-
Diseases in crops and orchards .....farms, 2007	43	7	39	28	26	30	34	6
.....farms, 2002	-	1	1	1	16	5	11	-
.....acres treated, 2007	72,696	5,521	23,798	4,260	6,362	21,798	3,024	3,745
.....acres treated, 2002	-	(D)	(D)	(D)	400	600	1,413	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	4	2	2	3	-	1
.....farms, 2002	-	-	-	-	-	-	-	-
.....acres treated, 2007	-	-	372	(D)	(D)	240	-	(D)
.....acres treated, 2002	-	-	-	-	-	-	-	-

<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.